पेटेंट कार्यालय शासकीय जर्नल

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DATE: 26/12/2014

पेटेंट कार्यालय का एक प्रकाशन PUBLICATION OF THE PATENT OFFICE

INTRODUCTION

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

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

26TH DECEMBER, 2014

CONTENTS

SUBJECT		PAGE NUMBER
JURISDICTION	:	17584 – 17585
SPECIAL NOTICE	:	17586 – 17587
LIST OF HOLIDAYS FOR THE YEAR-2015 (ENGLISH)	:	17588
LIST OF HOLIDAYS FOR THE YEAR-2015 (HINDI)	:	17589
EARLY PUBLICATION (DELHI)	:	17590 – 17596
EARLY PUBLICATION (MUMBAI)	:	17597 – 17617
EARLY PUBLICATION (CHENNAI)	:	17618 – 17640
PUBLICATION AFTER 18 MONTHS (DELHI)	:	17641 – 18238
PUBLICATION AFTER 18 MONTHS (MUMBAI)	:	18239 – 18352
PUBLICATION AFTER 18 MONTHS (CHENNAI)	:	18353 – 18444
PUBLICATION AFTER 18 MONTHS (KOLKATA)	:	18445 – 18454
PUBLICATION U/R 84(3) IN RESPECT OF APPLICATION FOR RESTORATION OF PATENT (MUMBAI)	:	18455
PUBLICATION UNDER SECTION 43(2) IN RESPECT OF THE GRANT (DELHI)	:	18456 – 18458
PUBLICATION UNDER SECTION 43(2) IN RESPECT OF THE GRANT (MUMBAI)	:	18459
PUBLICATION UNDER SECTION 43(2) IN RESPECT OF THE GRANT (CHENNAI)	:	18460 – 18461
PUBLICATION UNDER SECTION 43(2) IN RESPECT OF THE GRANT (KOLKATA)	:	18462 – 18466
INTRODUCTION TO DESIGN PUBLICATION	:	18467
DESIGN CORRIGENDUM	:	18468
THE DESIGNS ACT 2000 SECTION 30 DESIGN ASSIGNMENT	:	18469
COPYRIGHT PUBLICATION	:	18470
RESTORATION OF LAPSED DESIGNS UNDER SECTION 12 (2) OF THE DESIGNS ACT, 2000	:	18471
REGISTRATION OF DESIGNS	:	18472 - 18535

THE PATENT OFFICE KOLKATA, 26/12/2014

Address of the Patent Offices/Jurisdictions

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

1	Office of the Controller General of Patents,	4	The Patent Office,
-	Designs & Trade Marks,		Government of India,
	Boudhik Sampada Bhavan,		Intellectual Property Rights Building,
	Near Antop Hill Post Office, S.M. Road, Antop Hill,		G.S.T. Road, Guindy,
	Mumbai – 400 037		Chennai - 600 032.
	Withitbat - 400 037		Chemiai - 000 052.
	Phone: (91)(22) 24123311,		Phone: (91)(44) 2250 2081-84
	Fax: (91)(22) 24123322		Fax : (91)(44) 2250 2066
	E-mail: cgpdtm@nic.in		E-mail: chennai-patent@nic.in
	L-man. egputnisme.m		 The States of Andhra Pradesh, Karnataka,
			Kerala, Tamil Nadu and the Union
			Territories of Puducherry and Lakshadweep.
2	The Patent Office,		
-	Government of India,	5	The Patent Office (Head Office),
	Boudhik Sampada Bhavan,		Government of India,
	Near Antop Hill Post Office, S.M. Road, Antop Hill,		Boudhik Sampada Bhavan,
	Mumbai – 400 037		CP-2, Sector -V, Salt Lake City,
	Phone: (91)(22) 24137701		Kolkata- 700 091
	Fax: (91)(22) 24137701		Kolkata- 700 091
	E-mail: mumbai-patent@nic.in		Dhono, (01)(22) 2267 1042/44/45/46/97
	 ♣ The States of Gujarat, Maharashtra, Madhya 		Phone: (91)(33) 2367 1943/44/45/46/87 Fax: (91)(33) 2367 1988
	, ,		()()
	Pradesh, Goa and Chhattisgarh and the Union		E-Mail: <u>kolkata-patent@nic.in</u>
	Territories of Daman and Diu & Dadra and Nagar		
	Haveli		❖ Rest of India
3	The Detect Office		* Rest of India
3	The Patent Office, Government of India,		
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	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: delhi-patent@nic.in		
	* The States of Haryana, Himachal Pradesh, Jammu		
	and Kashmir, Punjab, Rajasthan, Uttar Pradesh,		
	Uttaranchal, Delhi and the Union Territory of		
	Chandigarh.		

Website: <u>www.ipindia.nic.in</u> www.patentoffice.nic.in

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

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

पेटेंट कार्यालय कोलकाता, दिनांक 26/12/2014 कार्यालयों के क्षेत्राधिकार के पते

विभिन्न जगहों पर स्थित पेटेंट कार्यालय के पते आंचलिक आधार पर दर्शित उनके प्रादेशिक अधिकार क्षेत्र के साथ नीचे दिए गए 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
	एस. एम. रोड, एंटोप हिल, मुम्बई- 400 037, भारत,		एडजसेन्ट टु ईगल फ्लास्क, जी. एस. टी. रोड, गायन्डी
	फोन: (91) (22) 24123311		चेन्नई - 600 032.
	फ़ैक्सः (91) (22) 24123322		फोन: (91)(44) 2250 2081-84
	ई. मेल: cgpdtm@nic.in		फ़ैक्स: (91)(44) 2250-2066
			ई. मेल: chennai-patent@nic.in
			💠 आन्ध्र प्रदेश, कर्नाटक, केरल, तमिलनाडु तथा
			पुडुचेरी राज्य क्षेत्र एवं संघ शासित क्षेत्र, लक्षदीप
2	पेटेंट कार्यालय, भारत सरकार	5	पेटेंट कार्यालय, भारत सरकार
	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.
	फ़ैक्सः (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 		ई. मेल: kolkata-patent@nic.in
	राज्य क्षेत्र एवं संघ शासित क्षेत्र, 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.

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

SPECIAL NOTICE

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

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

SPECIAL NOTICE

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



बौद्धिक सम्पदा भारत एकस्य/अभिकल्य/ब्यापार चिहर्ष्ट भौगोतिक संकेत/पेटेंट सूचना पद्धति INTELLECTUAL ROPERTY INDIA Patents/Designs/Trade Marks Geographical Indications/ Patent Information System

भारत सरकार GOVERNMENT OF INDIA पेटेंट कार्यालय THE PATENT OFFICE

बौद्धिक संपदा भवन/BOUDHIK SAMPADA BHAWAN सीपी-२/CP-2, सेक्टर- V/ Sector-V, साल्ट लेक/SALT LAKE कोलकाता/KOLKATA- 700 091.

दूरभाष/Tel : (91)(33)2367 1943-46

: (91)(33)2367 1987(D).

संख्या/No.: H-45011/1/2004-Admn.

दिनांक/Date: 15-12-2014

LIST OF HOLIDAYS FOR THE YEAR - 2015

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

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

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

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

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

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



बौद्धिक सम्पदा भारत एकस्य/अभिकल्प/व्यापार चिह्न भौगोलिक संकेत/पेटेंट सूचना पद्धति INTELLECTUAL ROPERTY INDIA

Patents/Designs/Trade Marks Geographical Indications/ Patent Information System

संख्या/No:-H-45011/1/2004-प्रशा.



भारत सरकार GOVERNMENT OF INDIA पेटेंट कार्यालय THE PATENT OFFICE

बौद्धिक सम्पदा भवन/BOUDDHIK SAMPADA BHAWAN सीपी/CP-2, सेक्टर/Sector-V, साल्ट लेक/SALT LAKE कोलकाता/KOLKATA- 700 091.

दूरभाष/Tel : (91)(33)2367 1943-46

: (91)(33)2367 1987(D),

फैक्स/Fax : (91)(33)2367 1988/1353, ई-मेल/E-Mail: kolkata-patent@nic.in,

वेब साइट/Website: www.ipindia.nic.in,

: www.ipindia.gov.in

दिनांक/Date: 15/12/2014

वर्ष 2015 में छुट्टियों की सूची

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

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

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

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

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

मुस्लिम त्यौहारों की छुट्टी के दिन चाँद के दिखने तथा राज्य सरकार द्वारा लिये गये निर्णय के आधार पर बदल सकते हैं।

Early Publication:

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

(12) PATENT APPLICATION PUBLICATION (21) Application No.2978/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :20/10/2014 (43) Publication Date : 26/12/2014

(54) Title of the invention: LAXZMI-1

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:H02K 19/00 :NA	
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(57) Abstract:

LAXZMI-1 is the most eco friendly and economic way of producing electricity. Its applications are wide but it was designed by keeping in mind that it can generate electricity in remote or rural areas where electricity transmission is hard to achieve and some times is very costly for the people using it, it is hard to put a plant. It was designed specially for INDIAN ARMY AND ITS ARMED FORCES. Areas like siachin ,LAC, LOC. It is not economic to have generators workin on INTERNAL COMBUSTION ENGINES, to reduce that fact it was thought that there should be a source of power which can produce enough motion to rotate a shaft of generator without any fatigue. The magnets of stator and rotor are assembled in such a way that they will produce a rotary motion when KEPT AT A DISTANCE OF 2 INCHES APART hereby producing motion and that motion will be used to rotate the shaft of generator, the ratio of weighof the generator shaft The major advantages of LAXZMI are listed below and they chosen on the capability of this device. Eco friendly Works without any fatigue Once in working condition the whole maintenance requires some engine oil for lubrication of shafts Can be installed anywhere Less noisy Does not produce any radiations Specially made for armed forces One of a kind Highly economic The applications In power plants Submarines Frigates Spacecrafts DOMESTIC USES This project if made precisely, will hold the key to make India a developed country.

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

(21) Application No.3293/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :14/11/2014 (43) Publication Date : 26/12/2014

(54) Title of the invention: SYSTEMS AND METHODS FOR SECURE APPLICATION USAGE

	90.40	7137
(51) International classification	:G06Q 40/00	(71)Name of Applicant : 1)JINDAL, Atul
(31) Priority Document No	:NA	Address of Applicant :Spa/2-201, Jaypee Greens, Greater
(32) Priority Date	:NA	Noida – 201310 Uttar Pradesh India
(33) Name of priority country	:NA	2)JINDAL, Nitu
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)JINDAL, Atul
(87) International Publication No	: NA	2)JINDAL, Nitu
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Methods and systems are described for enabling only authorized/authenticated users to access a given application such as a software application, and making the application non-usable till the authenticated user(s) combine various parts required to enable the functionality/accessibility of the application.

No. of Pages: 21 No. of Claims: 11

(21) Application No.3290/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :14/11/2014 (43) Publication Date : 26/12/2014

(54) Title of the invention: SYSTEMS AND METHODS FOR CONTROLLING UNAUTHORIZED APPLICATION USAGE

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:H02K1/22 :NA :NA :NA	(71)Name of Applicant: 1)JINDAL, Atul Address of Applicant:Spa/2-201, Jaypee Greens, Greater Noida - 201310, Uttar Pradesh India
(86) International Application No	:NA	2)JINDAL, Nitu
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)JINDAL, Atul
(61) Patent of Addition to Application Number	:NA	2)JINDAL, Nitu
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present disclosure relates to systems and methods for controlling unauthorized application usage. The present disclosure further relates to mechanisms and techniques to ensure that an unauthorized entity/person does not use an application (offline or online) with user identification details of another genuine user, and therefore only uses one or more configured applications with correct and intended user identification information.

No. of Pages: 35 No. of Claims: 10

(21) Application No.3291/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :14/11/2014 (43) Publication Date : 26/12/2014

(54) Title of the invention: SYSTEMS AND METHODS FOR CONTROLLING UNAUTHORIZED APPLICATION USAGE

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:H02K1/22 :NA :NA :NA	(71)Name of Applicant: 1)JINDAL, Atul Address of Applicant:Spa/2-201, Jaypee Greens, Greater Noida - 201310, Uttar Pradesh India
(86) International Application No	:NA	2)JINDAL, Nitu
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)JINDAL, Atul
(61) Patent of Addition to Application Number	:NA	2)JINDAL, Nitu
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present disclosure relates to systems and methods for controlling unauthorized application usage. The present disclosure further relates to mechanisms and techniques to ensure that an unauthorized entity/person does not use an application (offline or online) with user identification details of another genuine user, and therefore only uses one or more configured applications with correct and intended user identification information.

No. of Pages: 33 No. of Claims: 10

(21) Application No.3292/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :14/11/2014 (43) Publication Date : 26/12/2014

(54) Title of the invention: SYSTEMS AND METHODS FOR LIMIT-BASED FINANCIAL TRANSACTIONS

(51) International classification	:G06Q 40/00	(71)Name of Applicant : 1)JINDAL, Atul
(31) Priority Document No	:NA	Address of Applicant :Spa/2-201, Jaypee Greens, Greater
(32) Priority Date	:NA	Noida - 201310, Uttar Pradesh India
(33) Name of priority country	:NA	2)JINDAL, Nitu
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)JINDAL, Atul
(87) International Publication No	: NA	2)JINDAL, Nitu
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(55) 11		·

(57) Abstract:

Methods and systems are described for defining a financial limit before conducting each credit/debit card transaction to as to ensure that each transaction is executed within the limit defined therefor by the user of the debit/credit card.

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

(21) Application No.3261/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :11/11/2014 (43) Publication Date : 26/12/2014

(54) Title of the invention : METHOD AND SYSTEM FOR PORTING VAS SUBCRIPTION DETAILS IN A TELECOMMUNICATION NETWORK

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	11/04 :NA :NA :NA	(71)Name of Applicant: 1)Comviva Technologies Limited Address of Applicant: A-26, Info City, Sector 34, Gurgaon - 122001, Haryana, India (72)Name of Inventor:
(86) International Application No	:NA	1)KUMAR, Nitin
Filing Date	:NA	2)SETHI, Tarun
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention describes a method and a system for communicating VAS subscription details of network element based Value Added Services and content based Value Added Services in a telecommunication network. The system is composed of various subcomponents to receive a subscriber request for exporting VAS subscription details maintained by a first network operator, such that the VAS subscriptions of the subscriber are permanently & seamlessly ported to a second network operator from the first network operator. A data file comprising VAS subscription details of the subscriber is generated by a node of the first network operator and communicated to a node of the second network operator. The subscription details in the data file are communicated from the first network operator to the second network operator using universal identifiers for VAS and digital content registered with universal registries.

No. of Pages: 42 No. of Claims: 26

(21) Application No.3415/DEL/2013 A

(19) INDIA

(22) Date of filing of Application :22/11/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: SURGICAL INSTRUMENT HAVING REPLACEABLE TOOL TIPS

(51) International classification	:A61B 17/00	(71)Name of Applicant : 1)SUDHIR PREM SRIVASTAVA
(31) Priority Document No	:NA	Address of Applicant :4805, BRAIRWOOD AVE APT-201,
(32) Priority Date	:NA	MIDLAND TX-79707 USA.
(33) Name of priority country	:NA	(72)Name of Inventor:
(86) International Application No	:NA	1)SUDHIR PREM SRIVASTAVA
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
 (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	: NA :NA :NA :NA	

(57) Abstract:

In one embodiment of the invention, a motorized surgical instrument including an elongated shaft, a wrist member and a pair of working members with at least one working member moveable relative to other working member between open and closed position, is presented. The elongate shaft includes towards its proximal end a carriage plate that enables independent and controlled motion of the surgical instrument employing plurality of actuators securely held therein. Further, disclosed is a surgical instrument enabling easy and quick replacement of working members.

No. of Pages: 35 No. of Claims: 37

(21) Application No.2301/MUM/2014 A

(19) INDIA

(22) Date of filing of Application: 14/07/2014

(43) Publication Date: 26/12/2014

(54) Title of the invention: A NOVEL GENE BASED STRATEGY FOR THE TREATMENT OF PRIMARY AND METASTATIC CANCERS USING TRANSGENIC MESENCHYMAL STEM CELLS OR OTHER SOMATIC CELLS BY USE OF ENGINEERED DNA CASETTE COMPRISING OF SPECIFICALLY MODIFIED GENE TNFSF10 AND HERPES SIMPLEX VIRUS THYMIDINE KINASE GENE.

	· 1 61 V	(71)Name of Applicant :
(51) International classification	8/97	1)ARATI INAMDAR
(31) Priority Document No	:NA	Address of Applicant :18 MAHALAXMI HOUSING
(32) Priority Date	:NA	SOCIETY, SHAHUPURI, SATARA Maharashtra India
(33) Name of priority country	:NA	2)AJINKYA INAMDAR
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)ARATI INAMDAR
(87) International Publication No	: NA	2)AJINKYA INAMDAR
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Disclosed are the methods and compositions relating to methods of creating clinically safe genetically modified mesenchymal stem cells derived from umbilical cord tissue/ WhartonTMs jelly and or other sources including bone marrow, and cord blood, or creating clinically safe genetically modified somatic cells like lymphocytes enabled with a genetic safety switch such that the in-vivo administered cells can be eliminated at any time desired, along with elimination of adjacent cancer cells and such that the administered genetically enabled cells also secrete anti-cancer proteins or molecules of interest, leading to therapeutic efficacy against cancer and other illnesses. The genetic safety switch is composed of herpes simplex virus tyrosine kinase (HSV-tk) such that when ganciclovir is administered the said mesenchymal stem cells will undergo apoptosis. In addition, the enabled cells will also have therapeutic application of genetically modified Tumor necrosis factor-related apoptosis-inducing ligand (TRAIL). The compositions and methods have utility in treating disease, particularly cancer in a subject in need thereof, including a human subject as well as subjects of other species. The modified version of the TRAIL has potential utility in providing beneficial effects in primary as well as metastatic cancer from the primary cancer in a subject in need thereof.

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

(22) Date of filing of Application :24/11/2014 (43) Publication Date : 26/12/2014

(54) Title of the invention: TANIFT SUPER BIKE

(51) International classification(31) Priority Document No(32) Priority Date	:B62K5/02 :NA :NA	(71)Name of Applicant: 1)KHAN MUHAMMAD IFTEKHAR Address of Applicant: FLAT NO.:203, B2, GREEN FIELD
(33) Name of priority country		HOUSING SOCIETY, MAPHKHAN NAGAR, MAROL NAKA,
(86) International Application No	:NA	ANDHERI EAST, MUMBAI-400059, MAHARASHTRA,
Filing Date	:NA	INDIA.
(87) International Publication No	: NA	(72)Name of Inventor:
(61) Patent of Addition to Application Number	:NA	1)KHAN MUHAMMAD IFTEKHAR
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A detailed mechanism for a super bike that has the capability to fly, Motorized bike that can be driven on land as ordinary bike and also transform itself into a long winged Aerodynamic Hybrid plane. And it has a Propeller attached at the rear. The Invention, Tanlft bike has 3 Phases of Transformation. T1 In this Position the Bike can be driven on Land and road in cities and can go through narrow ways, crossing traffic just as a regular bike Advantages of T-1 are (1) Land travel (2) Travelling through narrow ways (3) Crossing traffic (4) Emergency brakes Emergency Self Balancing T2 In this Position, Bike is transformed into a flying Hybrid Plane. The Wings are partially open. Advantages of T2 are (1) Short distance needed on runway for take off (2) Short distance needed on runway to Land (3) Easy and Fast Maneuvering (4) Safety from Wind Turbulence (5) Able to takeoff from narrow spaces comparatively T-3 In this Position the bike opens its complete wings. This unleashes the maximum Glide ratio. The wing span is to its maximum Advantages of T-3 are (1) Good Efficiency (2) High Altitude Flight (3) Increased Lift to drag ratio (4) Long hour flights (5) High mileage (6) Increased Glide Ratio The mechanism of this invention is developed from bio mimicry of birds, wild animal and nature such as Eagle, They spread all their wings when they fly on High altitudes and on long flights, When they are Hunting they sweep their wings inside to reduce drag and speed up. And when they are on ground / nest they fold their wings in a very perfect manner.

No. of Pages: 39 No. of Claims: 7

(22) Date of filing of Application :07/11/2014 (43) Publication Date : 26/12/2014

(54) Title of the invention: A PROCESS FOR PREPARATION OF 3,4-DIMETHYLBENZALDEHYDE

(51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date (12) September 12 (13) Priority Date (14) Patent of Priority Country (15) NA (16) Patent of Addition to Application Number (16) Patent of Addition to Application Number (16) Patent of Addition to Application Number (17) Patent of Patent	Address of Applicant :184-87, S.V. ROAD, JOGESHWARI (WEST)-400 102, MUMBAI, MAHARASHTRA, INDIA. (72)Name of Inventor: 1)SHROFF RAVI ASHWIN 2)VAISHNAV UJVAL HEMANTKUMAR
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(57) Abstract:

A novel process for preparation of 3,4-dimethylbenzaldehyde has been disclosed. The process is comprising steps of (i) reacting 4-bromo-o-xylene with magnesium metal to obtain Grignard compound of formula 1; (ii) formylating the compound of formula 1 by reaction with N,N-dimethylformamide to form compound of formula 2; (iii) treating compound of formula 2 with aqueous HC1 to obtain 3,4-dimethylbenzaldehyde .

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

(22) Date of filing of Application :07/11/2014 (43) Publication Date : 26/12/2014

(54) Title of the invention : A NOVEL ROUTE FOR PREPARATION OF 1,3:2,4-BIS-(3,4-DIMETHYLBENZYLIDENE)SORBITOL

(51) International classification		(71)Name of Applicant:
(C1) International Glassification	493/04	,
(31) Priority Document No	:NA	Address of Applicant :184-87, S.V. ROAD, JOGESHWARI
(32) Priority Date	:NA	(WEST)-400 102, MUMBAI, MAHARASHTRA, INDIA.
(33) Name of priority country	:NA	(72)Name of Inventor:
(86) International Application No	:NA	1)SHROFF RAVI ASHWIN
Filing Date	:NA	2)VAISHNAV UJVAL HEMANTKUMAR
(87) International Publication No	: NA	3)PATIL MAHESH LAXMIKANT
(61) Patent of Addition to Application Number	:NA	4)PILLAI VIVEKANAND BHASKAR
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A new route for preparation of 3:2,4-bis-(3,4-dimethylbenzylidene) sorbitol [DMDBS] has been disclosed which is comprising: bromination of o-xylene to obtain a mixture of 4-bromo-o-xylene as a major product and 3-bromo-o-xylene; conversion of bromo-o-xylenes into corresponding dimethylbenzaldehyde by Grignard reaction; and reaction of 3,4-dimethylbenzaldehyde with sorbitol in presence of catalyst and solvent to obtain DMDBS. The invented route is cost-effective and it obviates the need to separate 3,4-dimethylbenzaldehyde from its 2,3-isomer.

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

(22) Date of filing of Application :26/11/2014 (43) Publication Date : 26/12/2014

(54) Title of the invention : REMOTE CONDITION MONITORING SYSTEM FOR DISTRIBUTION TRANSFORMER (RCMS DT)

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:H02H 7/05 :NA :NA :NA :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)Makarand Sudhakar Ballal Address of Applicant:Department of Electrical Engineering, Visvesvaraya National Institute of Technology, Nagpur, 44010 Maharashtra India 2)Hiralal Murlidhar Suryawanshi 3)Mohan Madhukar Renge 4)Dhananjay Ramkrishna Tutakane 5)Gajanan Chirkutrao Jayaswal 6)Avinash Nelson A. (72)Name of Inventor: 1)Makarand Sudhakar Ballal 2)Hiralal Murlidhar Suryawanshi 3)Mohan Madhukar Renge 4)Dhananjay Ramkrishna Tutakane 5)Gajanan Chirkutrao Jayaswal 6)Avinash Nelson A.
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(57) Abstract:

The present invention provides remote condition monitoring system for distribution transformer (RCMS_DT). A Remote Terminal Unit (RTU) is placed in vicinity of transformer for collecting and communicating with the operator at remote end. A Human Machine Interface (HMI) is designed at operator end to display and analyse the parameters. Algorithm is designed based on minimum number of available parameter measurements. According to available number of parameters, Remote Condition Monitoring System (RCMS) predicts device health index. Top oil temperature, oil level, humming noise level, load current and external image of transformer are taken as inputs to evaluate this invention. Algorithm evaluates health index as a function of available parameters. According to the value of health index, decision is taken whether to issue alarm for maintenance or trip. This new system avoids unnecessary outages, prevent transformer failure thereby increases the economic life cycle with considerable savings in the economy of utility. Following invention is described in detail with the help of Figure 1 of sheet 1 showing schematic connection diagram of RCMS with transformer and Figure 2 of sheet 2 showing the transformer with RCMS and sensor locations.

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

(22) Date of filing of Application :29/11/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: APPARATUS FOR GENERATING THERMAL ACTIVATED ELECTRONS

	:H01M6/18,	(71)Name of Applicant :
(51) International classification	H01M12/00,	1)Ram Dattatary Chavan
	H01M12/06	Address of Applicant :B-1, 601, Shivsagar Society, Anand
(31) Priority Document No	:NA	Nagar, Pune - 411051 Maharashtra India
(32) Priority Date	:NA	(72)Name of Inventor:
(33) Name of priority country	:NA	1)Ram Dattatary Chavan
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention provides an apparatus for generating thermally activated electrons and ionic oxygen for enabling complete combustion of a fuel. The apparatus includes a conduit, an outer container, a plurality of elements, an inlet tube and an outlet tube. The conduit is connected to a pipe carrying hot coolant from the engine to a radiator. The hot coolant is passed through the conduit. The outer container is disposed around the conduit with a space therebetween and sealed on end portions by non-conducting material. The plurality of elements are disposed between the conduit and the container, the plurality of elements upon receiving heat from the coolant passing though the conduit charge the air. The inlet tube passing through one of the sealed end portions for allowing intake of fresh air inside the space. The outlet tube passing through one of the sealed end portion and is connected to the air inlet conduit of an engine The outer pipe passes the charged air from the space to the air inlet conduit, wherein the charged air reduces pollutants from the engine exhaust thereby increasing efficiency.

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

(21) Application No.3668/MUM/2014 A

(19) INDIA

(22) Date of filing of Application :19/11/2014 (43) Publication Date : 26/12/2014

(54) Title of the invention: PROCESS FOR PREPARATION OF PARENTERAL FORMULATION OF ANIDULAFUNGIN

	C031/3/56	(71)NJ 6 A 19
(51) International classification	:C0/K//56	(71)Name of Applicant :
(31) Priority Document No	:NA	1)GUFIC BIOSCIENCES LIMITED
(32) Priority Date	:NA	Address of Applicant :N.H.No.8, Near Grid, Kabilpore 396
(33) Name of priority country	:NA	424, Navsari, Gujarat India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)PATEL, Mitesh Natavarlal
(87) International Publication No	: NA	2)DAVE, Mafatlal Tribhovandas
(61) Patent of Addition to Application Number	:NA	3)CHOKSI, Pranavkumar Jayesh
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention discloses a freeze dried, micelle-forming surfactant free pharmaceutical formulation of anidulafungin along with a suitable solubilizing agent and acidifying agent for parenteral administration. The pharmaceutical formulation provides sufficient solubilization and stabilization of anidulafungin thus improving the shelf life and reduces the likelihood of precipitation during storage. The invention further discloses a process of preparation thereof.

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

(22) Date of filing of Application :02/12/2014

(43) Publication Date: 26/12/2014

(54) Title of the invention : WATER BASED PROTECTIVE COATING COMPOSTING FOR ALL KINDS OF SUBSTRATES, METHOD OF SYNTHESIZING AND APPLICATION OF THE SAME

(51) International classification(31) Priority Document No	:C09D183/04 :NA	(71)Name of Applicant : 1)Dr. Kusum Joshi
(32) Priority Date	:NA	Address of Applicant :A-24,1004, Happy Valley, Manpada,
(33) Name of priority country	:NA	Ghodbunder Road, Thane west 400 610. Maharashtra India
(86) International Application No	:NA	2)Sachin Joshi
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)Sachin Joshi
(61) Patent of Addition to Application Number	:NA	2)Dr. Kusum Joshi
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention relates to a water solvent based protective coating composition, method of its synthesis and a method of its application. The protective coating is applied on all kinds of substrates, dries fast i.e. within 30 minutes, only three coats are needed to be applied is stable up to a temperature of more than 200°C. The protective coating comprises a cross-linked graft patterns made up of polymeric chains. The protective coating composition comprises hard segment monomers, soft segment monomers, reinforcing monomers, an emulsifier, an initiator, a buffering agent, a coalescent agent, a freeze thaw agent and a diluent. The present invention provides a simple and unique method of synthesizing the protective coating composition wherein temperature of up to 90°C is needed and the complete method takes around only 6 hours.

No. of Pages: 40 No. of Claims: 23

(21) Application No.3250/MUM/2014 A

(19) INDIA

(22) Date of filing of Application :13/10/2014 (43) Publication Date : 26/12/2014

(54) Title of the invention: A SYSTEM FOR TURNING VEHICLE WITH MINIMUM TURNING RADIUS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	6/00 :NA :NA :NA :NA	 (71)Name of Applicant: 1)Prathamesh Raju Dhoke Address of Applicant: Gurudeo Nagar, Digras, Tal: Digras, Dist: Yeotmal. Maharashtra India 2)Shrirang P Chavan 3)Walchand College of Engineering, Sangli (72)Name of Inventor: 1)Prathamesh Raju Dhoke 2)Shrirang P Chavan
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(57) Abstract:

The present invention provides a system for turning a vehicle with at least four wheels. The system having a first pair of spur gears, a second pair of spur gears, a second pair of spur gears, a connecting bevel gear, a second pair of bevel gear, a third pair of bevel gear, a fourth pair of bevel gear, a fifth pair of bevel gears and an operating means. Upon operating the operating means for turning the vehicle, a sliding plate slides for engaging connecting bevel gear with the first pair of bevel gears and simultaneously disengaging the first pair of spur gears from the second pair of spur gears thereby reversing the rotation of two wheels on same side of the vehicle thereby causing two wheels on one side to rotate in one direction and other two wheels of other side in opposite direction causing the vehicle to rotate about its centre in a small space.

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

(22) Date of filing of Application :20/11/2014 (43) Publication Date : 26/12/2014

(54) Title of the invention : IMPROVED BANK PASSWORD SECURITY FRAMEWORK BASED ON MULTISTAGE IMAGE PROCESSING

(51) International classification		(71)Name of Applicant:
(21) Paigaity Degument No	21/00 :NA	,
(31) Priority Document No (32) Priority Date	:NA :NA	Address of Applicant :House No. 26,0m Nivas , Balakrishna Nagar, Zade layout, Near old mhada colony, Wardha 442001
(33) Name of priority country	:NA	Maharashtra India
(86) International Application No	:NA	2)Dr. Nilesh j. Uke
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)Samir A. Pakojwar
(61) Patent of Addition to Application Number	:NA	2)Dr, Nilesh J. Uke
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Nowadays, every individual is in need of online account for number of banking and business services, personal electronic-mail, social media and work related accounts. Every individual is using number of social sites like facebook, google+, gmail, twitter etc. and number of fund transaction sites like banking, railway or flight reservations, flipcart, e-bay etc. In the registration phase of these sites are demanding strong user identification and password. It is not possible to remember all this identification the registration phase of these sites are demanding strong user identification and password. It is not possible to remember all this identification and password. Our proposed framework is accomplishing all this business requirements. This framework image processing, cryptography, steganography, network security and cloud storage to design more secure. This will also improve online login security for any website. Nowadays, every individual is in need of online account for number of banking and business services, personal electronic-mail, social media and work related accounts. Every individual is using number of social sites like facebook, google+, gmail, twitter etc. and number of fund transaction sites like banking, railway or flight reservations, flipcart, e-bay etc. In the registration phase of these sites are demanding strong user identification and password. It is not possible to remember all this identification the registration phase of these sites are demanding strong user identification and password. It is not possible to remember all this identification phase of these sites are demanding strong user identification and password. It is not possible to remember all this identification to remember any user-id or password. Our proposed framework is accomplishing all this business requirements. This framework image processing, cryptography, steganography, network security and cloud storage to design more secure. This will also improve online login security for any website.

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

(22) Date of filing of Application :28/11/2014 (43) Publication Date : 26/12/2014

(54) Title of the invention : A NON-BIOLOGICAL PROCESS FOR TREATING CHEMICAL LABORATORY EFFLUENT RICH IN DETERGENTS AND SOLVENTS.

(51) International classification(31) Priority Document No(32) Priority Date	:C10M 175/00 :NA :NA	Address of Applicant :C-49/2, TTC INDUSTRIAL AREA, PAWNE, NAVI MUMBAI-400 703, MAHARASHTRA, INDIA.
(33) Name of priority country (86) International Application No	:NA :NA	(72)Name of Inventor : 1)PAREKH, VISHAL
Filing Date	:NA	2)SHANBAGH, PRANAV SHASHI
(87) International Publication No	: NA	3)KOSHTI, NIRMAL
(61) Patent of Addition to Application Number	:NA	4)POWALE, RAJENDRA SUBHASH
Filing Date	:NA	5)KATDARE, PRADNYA MANDAR
(62) Divisional to Application Number	:NA	6)KHACHANE, POPAT KISAN
Filing Date	:NA	

(57) Abstract:

A non-biological method of treating effluent generated in a chemical laboratory containing mainly detergents and solvents. The method comprises steps of removal of detergents by precipitation and coagulation followed by oxidative degradation of , solvents.

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

(22) Date of filing of Application :11/08/2014 (43) Publication Date : 26/12/2014

(54) Title of the invention : GEARLESS MAGLEV WIND TURBINE TO HARNESS WIND POWER AND INTEGRATION TO THE GRID BY HVDC LIGHT

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:H02J3/38 :NA :NA :NA :NA :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)CHATURVEDI, Santoshkumar Address of Applicant:Q-11, B.E.S.T. Quarters, S.V. Road, Santacruz (West), Mumbai-400054, MAHARASHTRA, INDIA. 2)UTEKAR, Mahesh 3)PATIL, Manoj 4)ZADE, Aditya 5)JOSHI, Vidyulata P. 6)SAWANT, Priyadarshi (72)Name of Inventor: 1)CHATURVEDI, Santoshkumar 2)UTEKAR, Mahesh 3)PATIL, Manoj 4)ZADE, Aditya
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(57) Abstract:

A conventional vertical axis wind turbine suffers reduction in efficiency, such as friction in moving parts, which results in losses in power generation. To maximize the efficiency, a gearless maglev wind turbine is disclosed herein. It comprises a support structure including a rare earth magnet, a shaft containing another rare earth magnet, plurality of vertically aligned blades, and a generator assembly situated above the blades. The generator comprises a stator plate that includes plurality of coils sandwiched between at least two circular rotor plates. Each of the rotor plate includes plurality of permanent of magnets or ferrites. The maglev wind turbine serves as a clean source of energy and promotes to efficient use of renewable energy sources. Then the generated power is transferred to dc grid using hvdc light technology.

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

(22) Date of filing of Application :28/11/2014

(43) Publication Date: 26/12/2014

(54) Title of the invention: STABLE SQUASH PREPARATION AND METHOD FOR PREPARATION THEREOF.

 (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:A23L 3/3508 :NA :NA :NA :NA :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)DR. RAJESH C. PATIL Address of Applicant: DEPARTMENT OF MICROBIOLOGY, BHAWAN'S COLLEGE, ANDHERI(WEST), MUMBAI-400058 Maharashtra India (72)Name of Inventor: 1)DR. RAJESH C. PATIL 2)VINAYAK VISHWANATH DALVIE 3)MRS CHARUU PRAVIN KULKARNI 4)MR. PETER ROSARIO RODRIQUES 5)DR. SHANTAJ M. DESHBHRATAR 6)DR NAGESH N. MALIK 7)DR. VINOD S. NARAYANE 8)DR. NARAYAN D. TOTEWAD 9)PROF. SAGAR TANAJI SANKPAL 10)PRATAP V. NAIKWADE 11)MS. DHANSHREE TALEKAR
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(57) Abstract:

In one of the important aspect of the invention it is provided that the method for manufacture Zn0 is nanoparticles provided, In an another important aspect of the invention it is provided that an effective amount of the ZnO nanoparticles is added in the squash preparation which inhibits the growth of the microorganism in the squash preparation , therefore increases the stability of the squash preparation, being the ZnO nanoparticles is added as preservative in the squash preparation the amount of thesugar added is reduced or completely removed as the preservative, therefore reduces the sugar contains in the squash preparation , as a result of this squash preparation results in the less calorie generation, making the squash preparation as health friendly preparation; 28-Nov-2014/24024/3797-MUM-2014/Form 2(Tit|e Page) P-cl ~E3 Abstract In one of the important aspect of the invention it is provided that the method for manufacture Zn0 is nanoparticles provided, In an another important aspect of the invention it is provided that an effective amount of the ZnO nanoparticles is added in the squash preparation which inhibits the growth of the microorganism in the squash preparation the amount of thesugar added is reduced or completely removed as the preservative, therefore reduces the sugar contains in the squash preparation, as a result of this squash preparation results in the less calorie generation, making the squash preparation as health friendly preparation;

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

(21) Application No.3529/MUM/2014 A

(19) INDIA

(22) Date of filing of Application :10/11/2014 (43) Publication Date : 26/12/2014

(54) Title of the invention: RAM TUBE, AIDED DUAL INPUT, OMNI DIRECTIONAL BLADELESS FAN & THE METHOD OF MAKING IT THEREOF.

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country(86) International Application No	5/16 :NA	(71)Name of Applicant: 1)JOSHI HARSHA SAURIN Address of Applicant:50, VANDEMATRAM SOCIETY, NEW S.G.ROAD, GOTA, AHMEDABAD 382481, GUJARAT STATE, INDIA. 2)JOSHI SAURIN MANHARLAL
Filing Date (87) International Publication No	:NA : NA	(72)Name of Inventor: 1)JOSHI SAURIN MANHARLAL
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

RAM TUBE with fixed parts, employs the Air input from the Motor, for suction of air to fortify it by 20 times for free. It works in the combination of the COANDA EFFECT to guide the air into it & the BERNOULLI PRINCIPLE, to create low pressure, for the suction of the Atmospheric Air. Inner Body/ Ramming Shaft ram the incoming air to create high pressure at input end. More (fortified) air input results into multiplied output of 400 times.

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

(21) Application No.3622/MUM/2014 A

(19) INDIA

(22) Date of filing of Application :18/11/2014 (43) Publication Date : 26/12/2014

(54) Title of the invention : A BIAXIALLY-ORIENTED TRANSPARENT HIGH BARRIER PET PACKAGING FILM AND A MANUFACTURING METHOD THEREOF

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	5/18 :NA :NA :NA	(71)Name of Applicant: 1)SRF LTD. Address of Applicant:SRF LTD. PLOT NO. C1-8, C21-30, INDORE SEZ PITHAMPUR-454775 DISTT. DHAR MADHYA PRADESH INDIA
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)AKSHAY NARAYAN MAIKAP
(87) International Publication No	: NA	2)ASHISH GUPTA
(61) Patent of Addition to Application Number	:NA	3)HARI KISHORE SINGH
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention discloses a bi-axially oriented high barrier transparent PET packaging film which has a coating of a solution comprising of PVOH, nanoclay and a cross-linker (preferably polyurethane or polyethyleneiminedispersion), which renders the film resistant against gas, aroma and moisture allowing the food packaged in it to have an extended shelf-life. Before this coating, the BOPET substrate is coated online with a primer to ensure better adhesion of the film to the substrate. The film may also be laminated with LDPE (60 microns) after being printed upon. The OTR and WVTR values for the laminated film thus prepared are 0.26 to 1.08 cc/m2/day and 1.8 to 2.28gm/m2/day respectively. Along with high barrier properties, the developed BOPET film has the additional advantage of being chlorine-free and is therefore suitable for food packaging. This film is also resistant to pin-hole formations (gelbo-flexupto 100) and shows better abrasion or scratch resistance in comparison to metal-oxide coated films. The process of manufacturing the high barrier BOPET film and coating it with PVOH solution using offline coating method is also disclosed.

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

(22) Date of filing of Application :05/11/2014 (43) Publication Date : 26/12/2014

(54) Title of the invention: CONTENT BASED MEDICAL IMAGE RETRIEVAL

 (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	9/00 :NA :NA :NA :NA	(71)Name of Applicant: 1)BHADORIA, Sonali Address of Applicant: D 704, Nisarga Kiran, Rahatani Road, Pune - 411017, MAHARASHTRA, INDIA. 2)DETHE, C.G. (72)Name of Inventor:
8	:NA : NA	1)BHADORIA, Sonali 2)DETHE, C.G.
	:NA	, , , , , , , , , , , , , , , , , , , ,
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present disclosure relates to system and method for content based medical image retrieval wherein a query image is provided as example image and system and method of the present disclosure can automatically process the query image through user interface to extract region of interest (ROI), extract relevant features from ROI, classify the image and also provide similar images from data base. Methodology disclosed for identification and retrieval of similar images result in high degree of accuracy and speedy retrieval. Classification and similar images provided by system and method of the disclosure can together form second diagnostic opinion in respect of query image. Disclosure contains embodiments that save computation time and speed up retrieval process.

No. of Pages: 83 No. of Claims: 10

(22) Date of filing of Application :08/07/2014

(43) Publication Date: 26/12/2014

(54) Title of the invention : OPTIMIZATION OF HANDOFF LATENCY USING EFFICIENT SPECTRUM SENSING FOR COGNITIVE RADIO IN 4G WIRELESS NETWORKS

(51) International classification :H04V	V (71)Name of Applicant :
72/04	1)Mrs. Rohini S Kale
(31) Priority Document No :NA	Address of Applicant :MAEER TM S MIT TM S Sri
(32) Priority Date :NA	SavitribaiPhule Polytechnic, Department of Electronics and
(33) Name of priority country :NA	Telecommunication, Pune, MAHARASHTRA, INDIA.
(86) International Application No :NA	2)Dr. Vijay M Wadhai
Filing Date :NA	3)Dr. Jagdish B Helonde
(87) International Publication No : NA	(72)Name of Inventor:
(61) Patent of Addition to Application Number :NA	1)Mrs. Rohini S Kale
Filing Date :NA	2)Dr. Vijay M Wadhai
(62) Divisional to Application Number :NA	3)Dr. Jagdish B Helonde
Filing Date :NA	

(57) Abstract:

Cognitive Radio (CR) is an upcoming technology in wireless communications. Presently we are facing spectrum scarcity problem. CR gives solution on spectrum scarcity problem. The basic idea behind cognitive radio is the utilization of unused frequency bands of primary or licensed users (PU) by secondary or unlicensed users (SU). These unused frequency band is called white spaces or spectrum hole. This scenario needs the demand of cognitive radio. Spectrum sensing is the main task in CR. We have used energy detection method for spectrum sensing. We have sensed efficient spectrum by using new threshold formulations. We have proposed new algorithm for optimized handoff decision using fuzzy logic and artificial neural network. Proactive strategy is used for channel allocation. For handoff optimization we have considered two parameters, first one is minimum handoffs it saves the power. Second one is maximum idle to busy ratio. So we get optimized handoff delay. Following invention is described in detail with the help of Figure 1 of sheet 1 showing proposed system architecture, Figure 3 of sheet 2 showing handoff processand Figure 4 of sheet 2 showing FLC for optimized handoff Latency.

No. of Pages: 27 No. of Claims: 7

(22) Date of filing of Application :01/12/2014 (43) Publication Date : 26/12/2014

(54) Title of the invention: BIPOLAR ELECTROSURGICAL INSTRUMENT

(31) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 18 18 18 18 18 18 18 18 18 1	, , , , , , , , , , , , , , , , , , , ,
(87) International Publication No : N	NA
(61) Patent of Addition to Application Number :N	
8	ÍA
()	A
Filing Date :N	TA

(57) Abstract:

The present disclosure relates to a bipolar electrosurgical instrument for performing surgical procedures that is capable of grasping vessels and tissues between two jaws of the instrument to coagulate and/or cut/dissect the vessel or tissue. The jaws of the disclosed instrument are made of round shape and configured with electrodes that have an non-overlapping position while overlapping surface of the jaws is covered by non-conducting insulation. Specially configured jaws provide lateral flow of current through the tissues held between them and lateral flow of current enables simultaneous coagulation of vessels/ tissues by modulating the current with the same instrument without changing the instrument or without any mechanical deployment of knife or similar structure or any mechanical manipulation of the instrument.

No. of Pages: 31 No. of Claims: 10

(21) Application No.3633/MUM/2014 A

(19) INDIA

(22) Date of filing of Application :18/11/2014 (43) Publication Date : 26/12/2014

(54) Title of the invention: MINI AEROFOIL DAMPER FOR RISER AND HEPA BOX

:B62D	(71)Name of Applicant :
25/08	1)MAAP ENGINEERING PVT. LTD.
:NA	Address of Applicant :SURVEY NO. 111, H. NO. 1/1, GALA
:NA	NO. 67/68/69, CHOWDHARI COMPOUND, WAKANPADA,
:NA	NALASOPARA (E), THANE - 401 208, MAHARASHTRA,
:NA	INDIA.
:NA	(72)Name of Inventor:
: NA	1)TIWARI PRAMODKUMAR
:NA	
:NA	
:NA	
:NA	
	25/08 :NA :NA :NA :NA :NA :NA :NA :NA

(57) Abstract:

A mini aerofoil clamper (100) for controlling air flow through a Riser and HEPA box is disclosed. The damper (100) includes a frame (102), a plurality of vanes (106) pivotally engaged with the frame (102), a separator (104) provided between edges of the plurality of vanes (106) and the inner surface of the frame (102) for sealing the air flow passage in a damper closed position, and a drive mechanism (108) operatively connected to the plurality of vanes (106) for rotating the plurality of vanes (106) between the damper open position and the damper closed position.

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

(22) Date of filing of Application :09/12/2014 (43) Publication Date : 26/12/2014

(54) Title of the invention: AN APPARATUS FOR OPENING COTTON LINT

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:D01G 9/06 :NA :NA :NA	(71)Name of Applicant: 1)Raval Nitinkumar Mukundray Address of Applicant: 7, SNEH Apt. AMC Staff Society, B/H: - Loyola High School, Naranpura, Ahmedabad-3800052, Gujarat, India (72)Name of Inventor:
Filing Date (87) International Publication No	:NA : NA	1)Raval Nitinkumar Mukundray
(61) Patent of Addition to Application Number	:NA	
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA	

(57) Abstract:

The present invention discloses an apparatus (1) that opens cotton lint, collected from bales, fibre to fibre and provides homogeneous mixing of fibre sample for testing purpose. Said apparatus (1) comprises a lickerin roller (3) fixed inside the apparatus (1) for opening raw cotton lint; a feeding plate (12) mounted at the top of the apparatus (1) for feeding the raw cotton lint into the apparatus (1); a perforated shutter (10) to exhale air created in the apparatus (1) due to rotational motion of the lickerin roller and to prevent the cotton lint from escaping the apparatus (1) during operation; a drawer (11) placed below the perforated shutter (10) to store the opened sample of cotton lint; and an electric motor (2) placed at the top of the apparatus (1) on motor mounting plate (13) for operating the apparatus (1).

No. of Pages: 21 No. of Claims: 7

(21) Application No.2932/MUM/2014 A

(19) INDIA

(22) Date of filing of Application :15/09/2014 (43) Publication Date : 26/12/2014

(54) Title of the invention: VEHICLE SECURITY SYSTEMS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	12/66 :NA :NA :NA :NA	(71)Name of Applicant: 1)G JAYAKANTH Address of Applicant:ROOM NO 402, 4TH FLOOR, PARANI APARTMENTS, DHARAVI CROSS ROAD, DHARAVI, MUMBAI Maharashtra India (72)Name of Inventor:
Filing Date (87) International Publication No	:NA : NA	1)G JAYAKANTH
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A Security device or system there is provided a security means, to immobilise a vehicle, sought to be stolen or on unauthorised seeking of entry to the vehicle on the opening of any of the doors, luggage hatch or door or bonnet of the vehicle, by cutting off the ignition and initiating an sms to the owner of the vehicle.

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

(21) Application No.6187/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :08/12/2014

(43) Publication Date: 26/12/2014

(54) Title of the invention: METHOD FOR OPERATING AN OBSERVATION SYSTEM

:b60r	(71)Name of Applicant:
:NA	1)Daimler AG
:NA	Address of Applicant :70546, Stuttgart, Germany
:NA	(72)Name of Inventor:
:NA	1)Manjul VASHISHTHA
:NA	
: NA	
:NA	
:NA	
:NA	
:NA	
	:NA :NA :NA :NA :NA :NA :NA

(57) Abstract:

The invention relates to a method for operating an observation system for an in-cabin room of a vehicle, the method comprising recording (10) an area of the in-cabin room of the vehicle by means of an observation device, generating (12) image data of the area of the in-cabin room by means of the observation device, displaying (14) the generated image data by means of a display device, detecting (16) a view direction of a user by means of a view detection device and controlling the observation device according to the detected viewing direction of the user by means of a control device and recording a specific area of the in-cabin room, which is assigned to the detected viewing direction of the user .

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

(22) Date of filing of Application :03/12/2014 (43) Publication Date : 26/12/2014

(54) Title of the invention: A SPEED CONTROL SYSTEM AND METHOD FOR CONTROLLING THE SPEED OF A VEHICLE

(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)Daimler AG Address of Applicant: 70546, Stuttgart, Germany (72)Name of Inventor: 1)Deepak VAIDYANATHAN
Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date	:NA : NA :NA :NA :NA :NA	

(57) Abstract:

A speed control system of a vehicle, comprising of a vehicle speed sensor (112) for sensing a speed of the vehicle; a driver sensing module (106) for detecting an awareness level of a driver; and a road speed limit sensing module (102) for capturing a road speed limit. The speed control system further includes an attention assist module (108), configured to provide an ON output signal when the awareness level of the driver falls below a threshold, and provide an OFF output signal when the awareness level of the driver is above the threshold; and an engine control unit (110), configured to control the speed of the vehicle, based on the output signal of the attention assist module and the captured road speed limit.

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

(22) Date of filing of Application :03/12/2014 (43) Publication Date : 26/12/2014

(54) Title of the invention: A DOOR HANDLE MECHANISM FOR SECURING LOCKED POSITION OF A VEHICLE DOOR

(51) International classification(31) Priority Document No(32) Priority Date	:NA :NA	(71)Name of Applicant: 1)Daimler AG Address of Applicant: 70546, Stuttgart, Germany
(33) Name of priority country(86) International Application No	:NA	(72)Name of Inventor : 1)Santhosh PRABHU K
Filing Date (87) International Publication No	:NA : NA	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A door handle mechanism comprising: a primary lever having a first end and a second end, first end connected to door handle and second end comprises a male member having a first face and a second face; a secondary lever having a first end, a female member and a second end, first end is mounted on an axle, second end movably connects a door latch cable for opening of the door and female member comprises a first face and a second face and, second face having a first groove and a second groove adjacent to first groove, configured to receive male member when mounted on one end of axle; a spring mounted on other end of axle, spring having a mass suspended on one end for interacting either with first groove or the second groove; wherein in first locked position mass suspends through first groove, during a crash mass shifts from first groove to second groove defining a second locked position; in locked position, when primary lever is actuated by the door handle second face of male member comes in contact with spring and operates secondary lever which in turn moves the door latch cable opening door of vehicle; in second locked position when primary lever is actuated by door handle first face of male member comes in contact with spring and moves spring from second groove to first groove to bring the door in first locked position.

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

(21) Application No.6095/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :03/12/2014 (43) Publication Date : 26/12/2014

(54) Title of the invention : AN ARRANGEMENT FOR CONTROLLING TEMPERATURE IN ELECTRICAL/ELECTRONIC EQUIPMENT ROOM

(51) International classification	:f25b	(71)Name of Applicant:
(31) Priority Document No	:NA	1)MADHUSUDHAN RAO RAPOLE
(32) Priority Date	:NA	Address of Applicant :Plot No. 30, Lane No. 14, Phase-II,
(33) Name of priority country	:NA	IDA, Cherlapally, Hyderabad-500051, Telangana, India.
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)MADHUSUDHAN RAO RAPOLE
(87) 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 embodiment of the present disclosure is directed towards an arrangement for controlling a temperature in an electrical/electronic room. The arrangement includes one or more roll bonded metal or any other panels with channels to circulate refrigerant (water/gas) positioned at a predetermined distance to an electrical/electronic body for receiving the heat produced by the electrical/electronic body and a fluid chiller configured to circulate a fluid in the one or more roll bonded metal or any other panels with channels to circulate refrigerant (water/gas) through an arrangement of fluid supply and fluid return piping.

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

(22) Date of filing of Application :02/12/2014 (43) Publication Date : 26/12/2014

(54) Title of the invention : SYSTEM AND METHOD FOR TRAFFIC OFFLOADING FOR OPTIMAL NETWORK PERFORMANCE IN A WIRELESS HETEROGENEOUS BROADBAND NETWORK

(31) Priority Document No : (32) Priority Date : :	:NA :NA	(71)Name of Applicant: 1)WIPRO LIMITED Address of Applicant: Doddakannelli, Sarjapur Road, Bangalore 560035, Karnataka, India.
(86) International Application No :		(72)Name of Inventor : 1)SAPTARSHI CHAUDHURI
(,	: NA :NA	2)IRFAN BAIG 3)GURUPRASAD IRAPPA NAIK
(62) Divisional to Application Number :	:NA :NA :NA	

(57) Abstract:

The present disclosure relates to systems, methods, and non-transitory computer-readable media for offloading data packets from a first radio access network to a second radio access network. The method comprises monitoring first values of first performance parameters of the first radio access network at different instants of time prior to a predetermined transmission time interval. Then the second values of the one or more first performance parameters are predicted based on the first values. Further, the second values are compared against corresponding predetermined threshold values of the one or more first performance parameters and based on the comparison offloading of the data packets are triggered.

No. of Pages: 36 No. of Claims: 19

(22) Date of filing of Application :02/12/2014 (43) Publication Date : 26/12/2014

(54) Title of the invention: NEW METHODS FOR IN VIVO CULTURING OF ENTOMOPATHOGENIC NEMATODES

(51) International elegation	:001n62/00	(71)Nome of Applicant
(51) International classification		(71)Name of Applicant:
(31) Priority Document No	:NA	1)National Institute of Plant Health Management (NIPHM),
(32) Priority Date	:NA	Department of Agriculture & Cooperation, Ministry of
(33) Name of priority country	:NA	Agriculture, Govt. of India.
(86) International Application No	:NA	Address of Applicant: Rajendra Nagar, Hyderabad-500030,
Filing Date	:NA	Telgana state, India.
(87) International Publication No	: NA	(72)Name of Inventor:
(61) Patent of Addition to Application Number	:NA	1)Dr. Korlapati Satyagopal
Filing Date	:NA	2)Dr. Sunanda, B. S.
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Exemplary embodiments of the present disclosure are directed towards novel methods for in vivo culturing of entomopathogenic nematodes comprising: preparing a first gel suspension having infective juveniles of entomopathogenic nematodes; inoculating a plurality of a host larva with the first gel suspension in a container by at least one of a first method of pipetting the first gel suspension onto the plurality of the host larva and a second method of immersing the plurality of the host larva in the first gel suspension; incubating the container for a plurality of days to allow emergence of infective juveniles of entomopathogenic nematodes; harvesting a suspension having infective juveniles of entomopathogenic nematodes from the container; and purifying the suspension having infective juveniles of entomopathogenic nematodes by filtering.

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

(22) Date of filing of Application :06/12/2014 (43) Publication Date : 26/12/2014

(54) Title of the invention: A DEVICE ACCOMMODATED WITH CONCEALED STATIC FREEZING SOLUTION

(51) International classification	:f25b	(71)Name of Applicant :
(31) Priority Document No	:NA	1)ASHISH GUPTA
(32) Priority Date	:NA	Address of Applicant :Survey No-849, Adj To Industrial
(33) Name of priority country	:NA	Estate, Medchal, R.R.Dist-501401, Hyderabad, Telangana, India.
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)ASHISH GUPTA
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
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(57) Abstract:

Exemplary embodiment of the present disclosure is directed towards a device accommodated with concealed static freezing solution. The device includes an outer condenser tube filled with a freezing solution in an accommodated hollow space to provide a condensed refrigerant at a room temperature. The outer condenser tube placed at a convenient place in the refrigerant appliance to enable an effect of heat exchange between the heated refrigerant and the freezing solution. And an inner refrigerant condenser tube placed in the accommodated hollow space of the outer condenser tube configured to pass through the freezing solution. The inner refrigerant condenser tube enables to receive the hot discharge refrigerant gas during the on cycle of the refrigeration appliance to reject the heat into the freezing solution for providing condensed refrigerant at a room temperature thereby making the refrigeration system extremely energy efficient due to the low pressure drop of the refrigerant owing to the extremely short condenser length required to exchange the heat. The device also eliminates the use of an energy consuming fan that has a fixed life. This elimination of the fan makes the refrigeration appliance consume lesser energy and makes it more reliable and noiseless.

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

(22) Date of filing of Application :05/12/2014 (43) Publication Date : 26/12/2014

(54) Title of the invention : AN IMPROVED PROCESS FOR CONVERSION OF LOW GRADE MAN-GANESE ORE TO A HIGH GRADE NATURAL MANGANESE ORE

(51) International classification	:c22b	(71)Name of Applicant :
(31) Priority Document No	:NA	1)VUPPALA VENKATA SRINIVAS
(32) Priority Date	:NA	Address of Applicant :Plot No.47, Ward No.19, Nijalingappa
(33) Name of priority country	:NA	Colony, Sathyanarayana Pet, 6th Cross, Bellary-Post, Dist-
(86) International Application No	:NA	583101, Karnataka, India
Filing Date	:NA	2)VUPPALA VASANTHI
(87) International Publication No	: NA	3)VUPPALA VENKATA BALRAMA SRI SIVA MAANAS
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor:
Filing Date	:NA	1)VUPPALA VENKATA SRINIVAS
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Accordingly the present invention provides an improved process for the conversion of a low grade manganese ore to a high-grade natural manganese ore using a hydrometallurgical beneficiation without reduction and roasting which comprises leaching of the low grade manganese ore with acids accompanied by agitation at a stipulated temperature, followed by filtering to result in high-grade manganese ore having a 99.5 -99.9 % purity of MnO2 with an yield recovery of 70 85% of Natural manganese dioxide per ton.

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

(21) Application No.6239/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :10/12/2014 (43) Publication Date : 26/12/2014

(54) Title of the invention: GENERATION OF ELECTRICITY FROM GRASSLAND

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:NA :NA	(71)Name of Applicant: 1)M. PRAGATHEESWARAN Address of Applicant:528/1, GANAPATHY NAGAR, KAKUPPAM ROAD, KEEZHPERUMPAKKAM,
(86) International Application No Filing Date	:NA :NA	VILLUPURAM-605 602 Tamil Nadu India (72)Name of Inventor:
(87) International Publication No(61) Patent of Addition to Application NumberFiling Date	: NA :NA :NA	1)M. PRAGATHEESWARAN
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Electricity plays an important role in day to day life. > Electricity is widely used in all the places like schools, hospitals, colleges, residents, hotels, industries, railways, factories, dams, etc... > Usage of electricity by the people is high. > It is highly efficient to human life. > Electricity is produced from nuclear power plant, windmill, solar power and fuel cells. > Our aim is to generate the electricity from grassland with low cost. > This is highly used for the domestic and industrial purposes. > It is also known as Green Energy or Bio-Energy or Bio-Electricity.

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

(22) Date of filing of Application :09/12/2014 (43) Publication Date : 26/12/2014

(54) Title of the invention: FULLY AUTOMATIC SHOE POLISH MACHINE WITH LOGIC CONTROL

(51) I	1.041	(71)No 6 Apr. Parest
(51) International classification	:0240	(71)Name of Applicant :
(31) Priority Document No	:NA	1)G R SURESH
(32) Priority Date	:NA	Address of Applicant :G4, SREE ENCLAVE, 5TH CROSS,
(33) Name of priority country	:NA	DAYANAND LAYOUT, RAM MURTHY NAGAR,
(86) International Application No	:NA	BANGALORE-560 016. Karnataka India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)G R SURESH
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A device useful for cleaning, polishing and buffing of Leather shoes is disclosed. This device is capable of automatically aligning to the size of the shoe, applying cream on the shoe surfaces and polishing it for high gloss and shine. This device uses cream tube (refill) and also indicates the level of cream in the tube for ordering and replacement. The device runs on programmed logical sequence of operations method as designed by the inventor, which depicts manual hand polish. Critical components of this invention are: Enclosure with Vertical & Horizontal Shoe Alignment Levers: Vertical Shoe Alignment Mechanism: (FIG 2) Horizontal Shoe Alignment Mechanism: (FIG 3) Total Shoe Alignment Housing: (Fig 4) Brushing Area Positioning (Fig 5) Brush Housing & Shaft Movement Mechanism (Fig 6) Program Disc and Logical Controls (Fig 7) - Cream dispensing mechanism powered by Program Disc (Fig 8)

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

(19) INDIA

(22) Date of filing of Application :19/11/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: GLASSCRETE BUILDING BLOCKS

(51) International classification(31) Priority Document No(32) Priority Date	:NA :NA	(71)Name of Applicant: 1)DR. T. PALANISAMY Address of Applicant: 214 A /16 F, KAMARAJ NAGAR,
(33) Name of priority country (86) International Application No Filing Date	:NA :NA	BHAVANI - 638 302 Tamil Nadu India 2)N. SUDHARSAN (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)DR. T. PALANISAMY 2)N. SUDHARSAN
Filing Date	:NA	

(21) Application No.5315/CHE/2013 A

(57) Abstract:

Natural resources are getting depleted due to urbanization and infrastructure development in various countries like India. Consequently, people have started searching for other suitable and viable alternative materials for concrete. The existing natural resources could be preserved to the best possible extent, for future generations. In this regard, different industrial waste materials such as fly ash, silica fume, quarry dust, tile waste, blast furnace slag, broken glass waste, waste aggregate from demolition of structures, ceramic insulator waste, etc. have been tried as viable substitute materials to conventional materials in concrete and have also succeeded. Glass Powder Concrete (GPC) is the starting substance for the mass production of concrete products like pipes, slabs, pavement stones, precast elements, curb stones etc. The Glass aggregate concrete mixed packing of all ingredients will be investigated as an optimum packing, which is the key for a good and durable concrete. These particles are smaller than the capillary pores. They may improve the workability, compactibility, green strength, packing density, compressive strength, and durability. The products will be developed through proper proportionating, mixing and testing of constituents like fly ash, silica fume and glass powder. Then the performance and evaluation of material will be studied.

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

(22) Date of filing of Application :05/12/2014 (43) Publication Date : 26/12/2014

(54) Title of the invention : A METHOD FOR MAINTAINING TARGET VELOCITY OF A VEHICLE IN CRUISE-CONTROL MODE

(51) International classification	:f16d	(71)Name of Applicant:
(31) Priority Document No	:NA	1)Daimler AG
(32) Priority Date	:NA	Address of Applicant :70546, Stuttgart, Germany
(33) Name of priority country	:NA	(72)Name of Inventor:
(86) International Application No	:NA	1)Sreenath K R
Filing Date	:NA	2)Deepak SHARMA
(87) International Publication No	: NA	3)Ashwini S ATHREYA
(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 maintaining target velocity of a vehicle in cruise-control mode is provided. The method comprises the steps of monitoring current velocity of the vehicle for determining deviation of the current velocity from the target velocity set for the vehicle, estimating load of the vehicle, determining a threshold velocity for applying one or more auxiliary brakes of the vehicle, the threshold velocity depending upon the current velocity, the load of the vehicle and breaking torque of each of the auxiliary brake, and activating one or more auxiliary brakes if the current velocity of the vehicle exceeds the threshold velocity, such that the auxiliary brakes when activated reduce the velocity of the vehicle to the target velocity.

No. of Pages: 9 No. of Claims: 6

(21) Application No.6065/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :03/12/2014 (43) Publication Date : 26/12/2014

(54) Title of the invention : A SYSTEM FOR REDUCING THE FORMATION OF HYDROCARBON VAPOURS IN A FUEL TANK

		L
(51) International classification	:f02m	(71)Name of Applicant :
(31) Priority Document No	:NA	1)Daimler AG
(32) Priority Date	:NA	Address of Applicant: 70546, Stuttgart, Germany
(33) Name of priority country	:NA	(72)Name of Inventor:
(86) International Application No	:NA	1)Sanjay MASUR
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention relates to a system (100) for reducing formation of hydrocarbon vapours in a fuel tank (101) by using an external cooling line (103). The system (100) comprises a vapour to liquid converter (VLC) valve (102) disposed on top of the fuel tank (101). The VLC valve (102) further comprises a nozzle (102b) to spray the received hydrocarbon vapours from an evaporative line junction (101b) of the fuel tank (101) to an inner cooling wall (102a) of the VLC valve (102), wherein the sprayed hydrocarbon vapours gets condensed to a liquid phase.

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

(21) Application No.2193/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :30/04/2014 (43) Publication Date : 26/12/2014

(54) Title of the invention : METHOD AND ARRANGEMENT FOR REMOVING AND LIFTINGA SLEWING RING BEARING OF A WIND TURBINE

(51) International classification	:b66c	(71)Name of Applicant :
(31) Priority Document No	:NA	1)WINDCARE INDIA PVT LTD
(32) Priority Date	:NA	Address of Applicant :No:3/241-A, Four Road, Thirumalai
(33) Name of priority country	:NA	Nagar, Gudimangalam (Po), Udumalpet, Tirupur District - 642
(86) International Application No	:NA	201, Tamilnadu, India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)SENTHOORPANDIAN ANTHONYRAJ PREM KUMAR
(61) Patent of Addition to Application Number	:NA	2)NAGRATHINAM KALIMUTHU
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A method and an arrangement for removing and lifting of a slewing ring bearing of a wind turbine after a blade from a rotor hub of the wind turbine is removed, is disclosed. The arrangement and method enables the lowering and lifting of the wind turbine without the need of large and heavy cranes so that the replacement can be carried out cost effectively. The arrangement includes a first pulley mounted at the bottom of the wind turbine, a second pulley mounted inside a rotor hub, a lifting line running over the first pulley, the second pulley and further over a third pulley mounted inside a carrier. The carrier supports the slewing ring bearing during lifting and lowering which is achieved through a coordinated operation of a ground winch, the lifting line and tag lines. Further, rigging equipment is attached to the lowered slewing ring bearing to enable easy transportation.

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

(21) Application No.3074/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :25/06/2014 (43) Publication Date : 26/12/2014

(54) Title of the invention: SEES 2 IN 1 RUBBER PLANTATION

(51) International classification(31) Priority Document No(32) Priority Date	:a01c :NA :NA	(71)Name of Applicant: 1)MANUEL M VADAKET Address of Applicant: VADAKET HOUSE, KODUMPIDY,
(33) Name of priority country	:NA	POST - 686 651, ELIVALY, KOTTAYAM DISTRICT Kerala
(86) International Application No	:NA	India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)MANUEL M VADAKET
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

SEES 2 in 1 Rubber planting technique helps to increase the number of trees in an acre to 300 instead of 180.2trees are planted in a pit instead of one in the traditioal method.

No. of Pages: 39 No. of Claims: 25

(22) Date of filing of Application :08/12/2014 (43) Publication Date : 26/12/2014

(54) Title of the invention : SYSTEM, METHOD AND APPLICATION FOR MANAGING DIGITAL DATA IN A CLOUD ENVIRONMENT

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:NA :NA :NA	(71)Name of Applicant: 1)SRINIVAS REDDY LONKA Address of Applicant: H.No:1-24-728/1, Plot No:36, Dwaraka Nagar, Tirumalgiri, Secunderabad-500015, Telangana India
(86) International Application No		(72)Name of Inventor:
Filing Date	:NA	1)SRINIVAS REDDY LONKA
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Exemplary embodiments of the present disclosure are directed towards a system, method and application for managing digital data in cloud environment. The system includes a data access unit configured to receive a digital data from one or more user devices, a data analysis unit configured to analyze the received data from the one or more user devices, the data analysis unit receive the data from the data access unit, a search module configured to retrieve the required data by inputting a search query, a customized data flow management unit configured to organize a flow of information and managing according to certain rules and a cloud management unit configured to store the received data from the one or more user devices in a predetermined format.

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

(22) Date of filing of Application :05/04/2014 (43) Publication Date : 26/12/2014

(54) Title of the invention: EMERGENCY MOBILE LABOR COT INSIDE AMBULANCE VANS

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country(86) International Application No	:NA :NA :NA	(71)Name of Applicant: 1)DR. GAYATHREE MOHAN Address of Applicant:15 PERIYAR ROAD T.NAGAR, CHENNAI-600 017 Tamil Nadu India (72)Name of Inventor:
Filing Date (87) International Publication No	:NA : NA	1)DR. GAYATHREE MOHAN
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Emergency mobile labor cot[20] inside ambulance is disclosed. The emergency mobile labor cot for providing healthcare to pregnant women at their doorstep according to the invention comprises a mainframe, adjustable headrest[1], a base structure with wheels[7,9,15], an actuator lever[4] for folding the legs, and an IV fluid stand[17]. The method of providing healthcare to the patient, comprises the steps of bringing the equipment down to the floor; strapping the patient with strap belts; lifting the equipment to convert it into a labor cot; putting in place the side guards; wheeling the patient into the ambulance; pressing the actuating lever to align the legs of the COT to sit inside the rails fitted inside the ambulance; locking of the mobile labor cot inside the ambulance van using the automatic locking mechanism; fitting the foot straps into the slop; adjusting the sterilized tray; opening the screen for privacy; taking the delivery kit out and performing the delivery with the doctor.

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

(22) Date of filing of Application :11/12/2014 (43) Publication Date : 26/12/2014

(54) Title of the invention: HYDRO GRAVITY MECHANICAL GREEN ENERGY 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 	:NA :NA :NA	(71)Name of Applicant: 1)P. CHANDRAMOHAN Address of Applicant: NO.2 G1, NARASUPILLAI LANE, NORTH ANDAR STREET, TRICHY - 620002 Tamil Nadu India (72)Name of Inventor: 1)P. CHANDRAMOHAN
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(57) Abstract:

In this invention is to produce electricity energy in two types of methods from nature energy source. 1) By using the Mechanical Instrument in the natural water runway and artificial water run way source The water flow has been made in the land surface due to three major factors: Earth Gravity, Surface tension force and flowing character. The Fan (with minimum three blades or wings) is assembled in the shaft (rod) with freely rotatable bearing. And also can be use the following spares instead of Fan. By using hallow blower (or) by using Triangular vertical with one side opened container fixed at boundaries of the ring. So, the fan assembled mechanism should be dipped into the water runway, here fan should be faced opposite of the water run way, when water passes through in between the fans wings and created the deflection forces. Due this force the fans wings are continuously rotating and create a torque. The torque may be depending upon the volume & velocity of the water. By fixing the pulley at the end of the shaft for fetch the torque and that can be connected to dynamo and produce electricity. Can also and the additional fans (2 and above) in the same linear shaft for creating more torque. 2) By using the Mechanical Instrument in the Stable water and air source In this method the natural air and water are been used for function the system, while comparing the air and water density is 833% more, the container or tank are filled with water and in the vertical stand two pulleys are connected in top and bottom of the stand, In the chain empty containers are fixed one side which is faced upward and another side faced downward directions. And freely rotatable bearing the two pulleys is connected by chain or belt. This assembled mechanism dipped in to the water tank or container vertically. The air passing pipe is connected near to the bottom level down faced container, when the air passed into the pipe by air pump it will reaches the base level container and release the water and filled with air. Due to low density of the air the container moved upward in the water, when the container reaches the top level of the water automatically release the air and filled with the water. This process is been continued while passing the air, so that the mechanical system can be rotate and creating the torque and produce the electricity.

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

(21) Application No.5326/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :27/10/2014 (43) Publication Date : 26/12/2014

(54) Title of the invention : A METHOD OF SENDING MESSAGE FROM A FIRST USER DEVICE TO A SECOND USER DEVICE

(51) International classification	:h04m	(71)Name of Applicant:
(31) Priority Document No	:NA	1)RAJESH VEMULA
(32) Priority Date	:NA	Address of Applicant :Flat: 305, Raghav Enclave,29th C
(33) Name of priority country	:NA	Cross, Kaggadasapura, Bangalore -560093 Karnataka India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)RAJESH VEMULA
(87) 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 communications methods, particularly, a method and system of sending message from a first user device to a second user device. In an embodiment this is accomplished by providing a message sending screen when an exclusive application installed in the device is operated, and receiving a message from the first user and a second user telephone number, identifying a toll free number corresponding to the first user device telephone number, wherein the toll free number is identified based on geographical region or service provider of the first user, forwarding the received message in the application to a toll free server of the identified toll-free number, the toll-free server is associated with the device and forwarding the message to the second user device via a main server through public network. The toll-free server includes a database that receives user messages from the first user without internet, and the main server forwards the message to the destination second user device using internet or SMS gateway.

No. of Pages: 20 No. of Claims: 9

(22) Date of filing of Application :27/11/2014 (43) Publication Date : 26/12/2014

(54) Title of the invention: SAFETY SPRING-BACK MECHANISM IN COMPOSITE BRAKE DISCS

(51) International classification(31) Priority Document No	:f16d :NA	(71)Name of Applicant : 1)Daimler AG
(32) Priority Date	:NA	Address of Applicant :70546, Stuttgart, Germany
(33) Name of priority country	:NA	(72)Name of Inventor:
(86) International Application No	:NA	1)Ajay BABU
Filing Date	:NA	2)Anirudh THUMMALAPALLI
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The invention discloses a safety key assembly for arranging a brake disc (102) on an axle hub (104), the safety key assembly comprises a safety key (106) configured on the axle hub (104). The safety key assembly also has a spring arrangement (108) coupled to the safety key (106). The spring arrangement (108) configured to enable compression and de-compression movement of the safety key (106), wherein upon assembling the brake disc (102) slides pass over the safety key (106) to get mounted nthe axle hub (104). The safety key assembly further comprises a slot in the brake disc (102), wherein upon assembling the brake disc (102) on the axle hub (104) the safety key (106) along with the spring arrangement (108) interlocks with the slot. The safety key (106) has an inclined surface enabling the brake disc (102) to slide pass over the safety key (106).

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

(22) Date of filing of Application :08/12/2014 (43) Publication Date : 26/12/2014

(54) Title of the invention: SYSTEMS AND METHODS FOR DETECTING DATA LEAKAGE IN AN ENTERPRISE

(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,
(33) Name of priority country	:NA	Bangalore 560035, Karnataka, India.
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)CHETAN GANATRA
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Systems and methods for detecting data leakage in an enterprise are described. In one implementation, the method comprises receiving files metadata from at least one device associated with the enterprise. The files metadata comprises a plurality of file parameters. Further, the method comprises processing the files metadata to generate indexed metadata. The indexed metadata comprises at least one of the plurality of file parameters. Further, the method comprises analyzing the indexed metadata based on predefined leakage patterns to detect the data leakage.

No. of Pages: 23 No. of Claims: 17

(22) Date of filing of Application :28/01/2014 (43) Publication Date : 26/12/2014

(54) Title of the invention : A NEW METHOD TO ENSURE SHELF LIFE ENHANCEMENT AND BIO- FORTIFICATION OF IDLI BATTER

(51) International classification	:a231	(71)Name of Applicant:
(31) Priority Document No	:NA	1)C. RAMACHANDRAN
(32) Priority Date	:NA	Address of Applicant:1, MANICKAVASAGAR STREET,
(33) Name of priority country	:NA	KARTHIKEYAN NAGAR, CHENNAI - 600 095 Tamil Nadu
(86) International Application No	:NA	India
Filing Date	:NA	2)SUDHA RANI R.
(87) International Publication No	: NA	3)DR. USHA ANTONY
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor:
Filing Date	:NA	1)C. RAMACHANDRAN
(62) Divisional to Application Number	:NA	2)SUDHA RANI R.
Filing Date	:NA	3)DR. USHA ANTONY

(57) Abstract:

Cereal/legume-based foods are a major source of economical dietary energy and nutrients worldwide. Among the fermented foods of India, Idli, a fermented steamed product with a soft and spongy texture is a highly popular and widely consumed food in the entire region. In this invention of ours, a new method to extend the shelf life of Idli batter by temperature control (pre-freezing process) and natural preservatives is established. Along with that, we have also shown a method to improve the fortification of Idli batter with dietary fibre and micro-minerals by the addition of finger millet and curry leaves.

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

(22) Date of filing of Application :01/12/2014 (43) Publication Date : 26/12/2014

(54) Title of the invention: FREE ENERGY HYDRO POWER 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 	:NA :NA :NA :NA :NA	(71)Name of Applicant: 1)GOVINDARAJU PRAKASH Address of Applicant:No: 112, Sukkaliyur South, Karuppam Palayam (via) KARUR-639 003 Tamilnadu, India (72)Name of Inventor: 1)GOVINDARAJU PRAKASH
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA	

(57) Abstract:

wherein electrical panel board connected to Motor (A) through Coupling (C) and Hydraulic Torque Developer (D). Coupling (E) connects Torque Developer (D) with a High Speed Gear Box (G) to Coupling (H), to High Speed Inner Gear Box (G), to Electromagnetic Clutch (J). Coupling (K) connects Electro Magnet (J) with Fly Wheel (M) and Fly Wheel with Coupling and set of wheels. Pair of Auto Transfer Switch (I & N) are connected to Panel Board, synchronized to Board (L), connected to Generator (F) and is connected to Alternate Current Drive. Gear Wheels (G & P) are connected to Hydro Motor (Q). Power Pack has a Panel Board (S). Power Pack with Motor (R) is connected to Hydro Motor (Q). Synchronized Board (L) and output current run alternate current motor. Panel Board (T) is connected to Alternator (V) using Coupling (U) and Output Cable (W).

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

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.10000/DELNP/2013 A

(19) INDIA

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

(43) Publication Date: 26/12/2014

(54) Title of the invention: VENTED RESERVOIR FOR MEDICAL PUMP

(51) International classification :A61M5/142,A61M5/168,A61M5/145

(31) Priority Document No :11171155.2 (32) Priority Date :23/06/2011

(33) Name of priority :EPO

country

(86) International :PCT/IB2012/053177

Application No :22/06/2012

Filing Date

(87) International Publication No :WO 2012/176171

(61) Patent of Addition to Application Number :NA :NA

Filing Date
(62) Divisional to
Application Number
:NA
:NA

Filing Date

(57) Abstract:

(30).

(71)Name of Applicant: 1)DEBIOTECH S.A.

Address of Applicant :Immeuble Le Portique Av. de Svelin 28

CH 1004 Lausanne Switzerland

(72)Name of Inventor:

1)CHAPPEL Eric 2)ALLENDES Ricardo

3)NEFTEL Frdric

The present invention concerns a medical pump comprising: a. A hard housing comprising a top (24) and bottom (1) hard shells within which a rigid wall (3) and a movable membrane (2) create three distinct chambers; wherein i. said movable membrane tightly separates said second (29) and third (22) chambers ii. said first and third chambers have a watertight interface iii. said second chamber (29) is designed to contain a fluid iv. said first chamber (23) comprises a first venting mean (20) which is arranged to provide a fluidic communication between said first chamber (23) and the external environment; v. said third chamber (22) comprises a second venting mean which is arranged to provide a fluidic communication between said third chamber (22) and the external environment b. A pumping element (4) located in the first chamber (23) c. A least one pressure sensor which measure the pressure gradient between the first chamber (23) and the second chamber (29) d. A fluid pathway which permits: i. a first fluid connection (27) between said second chamber (29) and said pumping element ii. a second fluid connection (28) between said pumping element and a patient line

No. of Pages: 22 No. of Claims: 25

(19) INDIA

(22) Date of filing of Application :21/11/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention : CELL 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 	:NA :NA :NA	(71)Name of Applicant: 1)YABE SCIENCE PROMOTION LLC Address of Applicant: 2 7 2 605 Higashitabata Kita ku Tokyo 1140013 Japan (72)Name of Inventor: 1)YABE Takashi
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(21) Application No.10001/DELNP/2013 A

(57) Abstract:

Provided is a cell system employing air as the positive electrode active material and a metal substance as the negative positive electrode active material wherein the system is provided with: a thin membrane of the metal substance; a pair of reels connected at the ends to the thin film; an electrode situated in proximity to the thin film pathway between the reels; and a molten liquid situated downstream from the electrode for melting an oxidized metal substance when generating power.

Magnesium aluminum zinc lithium iron or the like can be used as the metal substance. A copper electrode can be used as the electrode. Hydrochloric acid liquid sulfuric acid liquid or acetic acid liquid can be used as the molten liquid. A cartridge type design provided with a pair of reels to which the thin film is attached can be adopted as well.

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

(21) Application No.10002/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :21/11/2013 (43) Publication Date: 26/12/2014

(54) Title of the invention: NASAL RINSE TIP

(51) International :A61M3/02,A61M11/06,A61H35/04 classification

(31) Priority Document No :61/480361 :28/04/2011

(32) Priority Date (33) Name of priority country:U.S.A.

(86) International :PCT/US2012/035616

Application No

:27/04/2012 Filing Date

(87) International Publication :WO 2012/149442

No

(61) Patent of Addition to :NA **Application Number** :NA

Filing Date

(62) Divisional to :NA **Application Number** :NA

Filing Date

(71)Name of Applicant: 1)MEHTA Ketan C.

Address of Applicant :601 Aviation Boulevard Santa Rosa

California 95403 U.S.A. (72)Name of Inventor: 1)MEHTA Ketan C.

(57) Abstract:

A device for nasal lavage is described. The device ejects a gentle flow of fluid under pressure. The fluid stream provides a high quantity of fluid at low pressure. The low pressure fluid stream is more comfortable for a user than a high pressure fluid stream that are delivered by various types of pressurized cans of solution.

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

(21) Application No.10003/DELNP/2013 A

(19) INDIA

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

(43) Publication Date: 26/12/2014

(54) Title of the invention : CAPSULE MACHINE SYSTEM AND METHOD FOR PREPARING BEVERAGE PARTICULARLY ESPRESSO COFFEE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:B65D85/804 :TO2011A000478 :31/05/2011 :Italy :PCT/IB2012/052743 :31/05/2012 :WO 2012/164521 :NA :NA	(71)Name of Applicant: 1)LUIGI LAVAZZA S.p.A. Address of Applicant: Corso Novara 59 I 10154 Torino Italy (72)Name of Inventor: 1)VANNI Alfredo 2)CABILLI Alberto
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA	

(57) Abstract:

The capsule (1) comprises a casing (2) having first and second end walls (3 4) spaced one from the other and interconnected by a lateral wall (5) having an essentially annular shape and defining an internal chamber (6) containing an amount or dose of a substance (7) for the preparation of a beverage. The casing (2) has at least one first and at least one second permeable or pierceable wall portion (5a 4a) acting as inlet and outlet respectively for the introduction of a flow of water into said chamber (6) and the outflow of the beverage from said chamber (6) respectively. An inlet wall portion (5a) for the introduction of water into the chamber (6) is provided in the annular lateral wall (5).

No. of Pages: 18 No. of Claims: 22

(19) INDIA

(22) Date of filing of Application :02/12/2013

(21) Application No.10351/DELNP/2013 A

(43) Publication Date: 26/12/2014

(54) Title of the invention: SET OF MULTICOMPONENT CARTRIDGES

(51) International classification	:B65D81/32	(71)Name of Applicant :
(31) Priority Document No	:11168751.3	1)SULZER MIXPAC AG
(32) Priority Date	:06/06/2011	Address of Applicant :R ¹ / ₄ tistrasse 7 CH 9469 Haag
(33) Name of priority country	:EPO	Switzerland
(86) International Application No	:PCT/EP2012/057894	(72)Name of Inventor:
Filing Date	:30/04/2012	1)HABIBI NAINI Sasan
(87) International Publication No	:WO 2012/168002	2)SCHEUBER Markus
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.1171	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A set of multicomponent cartridges is proposed having at least two multicomponent cartridges (2), with each multicomponent cartridge (2) 5 including at least one first smd one second reception chamber (3, 4) for components to be dispensed, with each reception chamber (3, 4) having a substantially cylindrical design and extending in a longitudinal direction (A), with the reception chambers (3, 4) being arranged parallel to one another and having the same extent (L) in the longitudinal direction (A), 10 with each multicomponent cartridge (2) being manufactured in one piece so that their reception chambers (3, 4) are non-releasably connected to one another, and wherein the first reception chamber (3) of each multicomponent cartridge (2) of the set (2) has the same outer diameter (DI).

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

(21) Application No.10352/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :02/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: FATTY ACID AMIDE HYDROLASE INHIBITORS FOR TREATING PAIN

(51) International classification :A61K31/18,A61K31/422,C07D207/00

(31) Priority Document No:61/489841 (32) Priority Date :25/05/2011 (33) Name of priority :U.S.A.

country .U.S.A

(86) International Application No :PCT/US2012/039185

Filing Date :23/05/2012

(87) International Publication No :WO 2012/162416

(61) Patent of Addition to
Application Number
Filing Date
(62) Divisional to
Application Number
Filing Date
:NA
:NA
:NA

(71)Name of Applicant: 1)ALLERGAN INC.

Address of Applicant :2525 Dupont Drive Irvine California

92612 U.S.A.

(72)Name of Inventor : 1)WOODWARD David F.

2)MARTOS Jose L. 3)CARLING William R. 4)JONES Andrew D. 5)WANG Jenny W.

(57) Abstract:

The present invention provides a method of treating a patient suffering from pain or other FAAH mediated conditions by administering a fatty acid amide inhibiting amount of a compound represented by the formula: wherein R is H; R is a radical selected from the group consisting of H hydrocarbyl and substituted hydrocarbyl; R is a radical selected from the group consisting of H hydrocarbyl and substituted hydrocarbyl; X is CHCH (CH) or O(CH) wherein n is 0 or an integer of from 1 to 4; and W is O S or NR wherein R is selected from the group consisting of H and alkyl.

No. of Pages: 53 No. of Claims: 28

(22) Date of filing of Application :02/12/2013 (43) Publication Date: 26/12/2014

(54) Title of the invention: GAS TURBINE DIFFUSER BLOWING METHOD AND CORRESPONDING DIFFUSER

(51) International :F04D27/02,F04D29/44,F04D29/68 classification

(31) Priority Document No :1154211

:16/05/2011 (32) Priority Date (33) Name of priority country: France

(86) International Application :PCT/FR2012/051087

:15/05/2012 Filing Date

(87) International Publication

:WO 2012/156640

(61) Patent of Addition to :NA **Application Number** :NA

Filing Date (62) Divisional to Application :NA Number :NA

Filing Date

(71)Name of Applicant:

1)TURBOMECA

Address of Applicant: F 64511 Bordes France

(72)Name of Inventor: 1)PORODO Jr'me 2)TARNOWSKI Laurent

(57) Abstract:

The invention seeks to combat effectively the separation of the air in the boundary layer in a gas turbine compressor diffuser. In order to do this, the invention provides for re-energising the boundary layer with air at a higher pressure by a suction/re-injection coupling. According to an embodiment, a diffuser of a compressor of the centrifugal or mixed type capable of implementing the invention includes two end plates which enclose a plurality of regularly distributed circumferential blades (60), and at least one transverse upstream passage (63, 64) produced in the lower (6i) or upper surfaces (6e) of the blades (60). An 15 injection / withdrawal coupling is achieved by a recirculation of the stream (Fi) in the air passage (V) of the diffuser on the basis of injection of air (F1) from at least one point (64) in the leading edge zone (6a) of the upstream side of the diffuser (6). Blowing of air is then effected in at least one groove (62, 65) formed along a lateral flank of each blade (60) by withdrawal of the air stream (Fi) in the region of the trailing edge (6f). Fig. for the abstract:

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

(21) Application No.10356/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :02/12/2013

(43) Publication Date: 26/12/2014

(54) Title of the invention: SOLAR ENERGY CONVERTER

(51) International :H01L31/024,H01L31/0232,H01L31/052 classification

(31) Priority Document :2011032695

No

(32) Priority Date :06/05/2011 (33) Name of priority :Singapore

country

(86) International :PCT/SG2012/000036

Application No :08/02/2012 Filing Date

(87) International :WO 2012/154123

Publication No (61) Patent of Addition

:NA to Application Number :NA Filing Date

(62) Divisional to :NA **Application Number** :NA Filing Date

(71)Name of Applicant: 1)ALPHA SOLAR PTE LTD

Address of Applicant :53 Ubi Avenue 1 #03 41 Pava Ubi

Industrial Park Singapore 408934 Singapore

(72)Name of Inventor: 1)SOON Choon Sen

(57) Abstract:

According to one aspect there is provided a solar energy converter including: a lens; a base plate having a first surface that faces the lens and a second surface that is opposite to the first surface; and a solar cell sandwiched between the lens and the base plate wherein both the lens and the base plate are each provided with at least one channel for fluid for cooling the solar cell. Also contemplated is provision of at least one fin on both the lens and the base plate for cooling the solar cell. According to a second aspect there is provided a method for cooling a solar energy converter having a lens a base and at least one solar cell sandwiched between said lens and said base plate the method comprising the step of: cooling the at least one solar cell on two opposing sides.

No. of Pages: 36 No. of Claims: 29

(22) Date of filing of Application :02/12/2013

(43) Publication Date: 26/12/2014

(54) Title of the invention: A CONJUGATE COMPRISING OXYNTOMODULIN AND AN IMMUNOGLOBULIN FRAGMENT AND USE THEREOF

(51) International

:C07K14/575,C07K17/00,A61K38/26 classification

(31) Priority Document No :1020110058852 (32) Priority Date :17/06/2011

(33) Name of priority

:Republic of Korea country

(86) International :PCT/KR2012/004722 Application No :15/06/2012

Filing Date

(87) International

:WO 2012/173422 **Publication No**

(61) Patent of Addition to

:NA **Application Number** :NA Filing Date

Application Number :NA Filing Date

(62) Divisional to :NA (71)Name of Applicant:

1)HANMI SCIENCE CO. LTD.

Address of Applicant :550 Dongtangiheung ro Dongtan myeon

Hwaseong si Gyeonggi do 445 813 Republic of Korea

(72)Name of Inventor:

1)JUNG Sung Youb

2)KIM Dae Jin

3)PARK Sung Hee

4)WOO Young Eun

5)CHOI In Young

6)KWON Se Chang

(57) Abstract:

The present invention relates to a conjugate comprising oxyntomodulin an immunoglobulin Fc region and non peptidyl polymer wherein the conjugate being obtainable by covalently linking oxyntomodulin to immunoglobulin Fc region via non peptidyl polymer and a pharmaceutical composition for the prevention or treatment of obesity comprising the conjugates. The conjugate comprising oxyntomodulin and the immunoglobulin Fc of the present invention reduces food intake suppresses gastric emptying and facilitates lipolysis without side effects unlike native oxyntomodulin and also shows excellent receptor activating effects and long term sustainability compared to native oxyntomodulin. Thus it can be widely used in the treatment of obesity with safety and efficacy.

No. of Pages: 86 No. of Claims: 27

(21) Application No.10362/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :02/12/2013 (43) Publication Date: 26/12/2014

(54) Title of the invention: RECOMBINANT VACCINE AGAINST PRRS IN A VIRAL VECTOR

(51) International :C12N15/86,A61K39/12,A61P31/14 classification

(31) Priority Document No (32) Priority Date :NA (33) Name of priority country:NA

(86) International Application: PCT/IB2011/000977

No :07/05/2011 Filing Date

(87) International Publication :WO 2012/153160

No

(61) Patent of Addition to :NA **Application Number** :NA

(62) Divisional to :NA **Application Number** :NA Filing Date

Filing Date

(71)Name of Applicant:

1)LABORATORIO AVI MEX S.A. DE C.V.

Address of Applicant: Maz No. 18 Col. Granjas Esmeralda

Del. Iztapalapa Mxico D.F. 09810 Mexico

(72)Name of Inventor:

1)LOZANO DUBERNARD Bernardo

2)SOTO PRIANTE Ernesto 3)SARFATI MIZRAHI David 4)LARA PUENTE Jesus Horacio

(57) Abstract:

A live or inactivated recombinant vaccine is described that comprises a viral vector and a pharmaceutically acceptable vehicle, adjuvant and/or excipient, which is characterized in that the viral vector is a virus capable of generating a cellular immune response owing to an increased production of alpha and/or gamma interferon and capable of replicating rapidly, and a PRRS ORF 5 and ORF 6 nucleotide sequence is inserted therein.

No. of Pages: 33 No. of Claims: 24

(21) Application No.10363/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :02/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: TRANSPORT UNIT AND METHOD FOR MANUFACTURING OF THE SAME

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:B65D19/44,B65D85/672,B65B13/00 :NA :NA :NA	(71)Name of Applicant: 1)Ecolean AB Address of Applicant:Box 812 S 251 08 Helsingborg Sweden (72)Name of Inventor: 1)MNSSON Evert
(86) International Application No Filing Date (87) International	:PCT/EP2011/061235 :04/07/2011	
Publication No (61) Patent of Addition to Application Number Filing Date	:WO 2013/004293 :NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A transport unit comprising a load carrier (9) and a load (18) supported by said load carrier (9) and comprising a coil (1) of a web (3) being wound on a reel (4). A load securing member (25) extends inside the reel (4) and between the load carrier (9) and an anchoring device (24) arranged on a top surface (20) of the load (18) such that the load (18) is secured to the load carrier (9). The invention also relates to a method for manufacturing a transport unit.

No. of Pages: 31 No. of Claims: 10

(22) Date of filing of Application :02/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention : PROCESS FOR PRODUCING AT LEAST ONE PRODUCT FROM AT LEAST ONE GASEOUS REACTANT IN A SLURRY BED

(51) International classification :B01J8/18,B01J8/22,B01J8/28 (71)Name of Applicant : 1)SASOL TECHNOLOGY (PROPRIETARY) LIMITED (31) Priority Document No :2011/04241 (32) Priority Date Address of Applicant: 1 Sturdee Avenue Rosebank 2196 :07/06/2011 (33) Name of priority country :South Africa Johannesburg South Africa (86) International Application No :PCT/IB2012/052692 (72)Name of Inventor: Filing Date :30/05/2012 1)BREMAN Berthold Berend (87) International Publication No :WO 2012/168829 (61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to Application :NA Number :NA Filing Date

(57) Abstract:

A process for producing at least one product from at least one gaseous reactant includes feeding the gaseous reactant as a gaseous feed (59) or as part of a gaseous feed (59) which is at an inlet superficial gas velocity of at least 0.5 m/s into a vessel (12) holding an expanded slurry bed (70) of solid catalyst particles suspended in a suspension liquid so that the gaseous reactant can bubble upwardly through the slurry bed (70). The slurry bed (70) has a catalyst loading of at least 20% by volume of degassed slurry. The gaseous reactant is allowed to react catalytically at a pressure above atmospheric pressure as the gaseous reactant bubbles upwardly through the slurry bed (70) to produce at least one product. The product and any unreacted gaseous reactant are withdrawn from the vessel (12).

No. of Pages: 33 No. of Claims: 10

(21) Application No.10366/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :02/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: BEVERAGE COOLING DEVICE

(51) International classification	:F25D3/08,B67D1/00,F28D9/04	(71)Name of Applicant:
(31) Priority Document No	:61/494454	1)ICECOLDNOW INC.
(32) Priority Date	:08/06/2011	Address of Applicant :6 Southgate Drive Nashua NH 03062
(33) Name of priority country	:U.S.A.	U.S.A.
(86) International Application No	:PCT/US2012/033087	(72)Name of Inventor:
Filing Date	:11/04/2012	1)ZEBUHR William H.
(87) International Publication No	:WO 2012/170115	2)DUSSAULT David
(61) Patent of Addition to	:NA	
Application Number	:NA	
Filing Date	.NA	
(62) Divisional to Application	:NA	
Number	:NA	
Filing Date	.IVA	

(57) Abstract:

A fluid cooling apparatus includes a first cooling portion have a first series of cooling elements with first cooling surfaces. A second cooling portion can have a second series of cooling elements with second cooling surfaces. The second cooling portion can be removably nested together with the first cooling portion such that the first and second cooling surfaces of respective first and second series of cooling elements can be positioned adjacent to each other with gaps therebetween to form cooling cavities for cooling fluid introduced into the cooling cavities.

No. of Pages: 59 No. of Claims: 58

(21) Application No.10371/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :02/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: WOUND DRESSING WITH THROMBIN

(51) International classification	:A61L15/26,A61L15/38	(71)Name of Applicant :
(31) Priority Document No	:PA 2011 00525	1)COLOPLAST A/S
(32) Priority Date	:10/07/2011	Address of Applicant :Holtedam 1 DK 3050 Humlebaek
(33) Name of priority country	:Denmark	Denmark
(86) International Application No	:PCT/DK2012/050264	(72)Name of Inventor:
Filing Date	:10/07/2012	1)EVERLAND Hanne
(87) International Publication No	:WO 2013/007266	2)OSTHER Kurt
(61) Patent of Addition to Application	:NA	3)VANGE Jakob
Number	:NA	4)NIELSEN Lene Feldskov
Filing Date	.IVA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention relates to method of preparing an absorbent wound care device comprising an active agent on a wound contacting surface such as e.g. a protein or an enzyme by the use of electrospraying and a wound care device obtained by said method. The invention further relates to a wound care device comprising Thrombin and a polyurethane foam and a method of treating bleeding.

No. of Pages: 27 No. of Claims: 11

(12) PATENT APPLICATION PUBLICATION		(21) Application No.10372/DELNP/2013 A
(19) INDIA		
(22) Date of filing of Application :02/12/2013		(43) Publication Date : 26/12/2014
(54) Title of the invention : EX	TRUSION PRESS	
 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:B21C23/21,H02P5/00,F04B49/06 :2011132853 :15/06/2011 :Japan :PCT/JP2012/064314 :01/06/2012 :WO 2012/173005 :NA :NA	(71)Name of Applicant: 1)UBE MACHINERY CORPORATION LTD. Address of Applicant:1980 Aza Okinoyama Oaza Kogushi Ube shi Yamaguchi 7558633 Japan (72)Name of Inventor: 1)YAKUSHIGAWA Atsushi 2)YAMAMOTO Takeharu
dynamic/thermal fatigue of elea () hyd standardize the degree of 0 dyn aforementioned component developarallel to supply operating oil press, with the re 1 1C 1 1D 1 determine selectively controlled 10 0 and and driven being controlled by	actrical devices, control devices, and draulic circuit in an extrusion press, an amic/thermal fatigue and the residu vices, and which has a 100 0 ///// sup B 1 1C 1 1D 1 1A press, multiple vice to the hy 0 () 1A 1 1B 0 0 quired discharge ned on the basis of a preset operatin driven, and with the order of selecti	erior energy- saving effect. With this extrusion ariable-capacity hydraulic pumps are connected in / 1 1 1 10 0 draulic cylinder o f the extrusion amount for the hydraulic pu m s being 0 ag speed, 1 1D 1 1A 1 1B 1 1C and the hydraulic pumps being ton o f the hydraulic pumps which are being selectively controlled t (%) with respect to maximum discharge formed sequentially

No. of Pages: 28 No. of Claims: 3

(21) Application No.10373/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :02/12/2013 (43) Publication Date: 26/12/2014

(54) Title of the invention: UNDERWATER CRAFT HAVING AN ELECTROCHEMICAL BATTERY

(51) International classification: H01M6/34,F42B19/00,H01M2/40 (71)Name of Applicant:

(31) Priority Document No :1156623 (32) Priority Date :21/07/2011 (33) Name of priority country :France

(86) International Application :PCT/EP2012/063891

No :16/07/2012 Filing Date

(87) International Publication

:WO 2013/010980

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to Application :NA Number :NA Filing Date

(57) Abstract:

1)DCNS

Address of Applicant :40 42 rue du Docteur Finlay F 75015

Paris France

(72)Name of Inventor: 1)SENEZ Thomas

Underwater craft having an electrochemical battery activated by an electrolyte, comprising; - an electrochemical cell; - a tank (13) intended to contain the electrolyte; - a seawater flow rate regulator (37) arranged upstream of the tank (13), comprising: - a fixed housing (60) comprising first ports (64); - a slide (62) comprising second ports (66); the slide (62) being movable, in relation to the fixed housing (60), under the effect of the pressure of the seawater entering the regulator (37), to a balanced position in which the first and second ports (64, 66) define outlet openings (70) for seawater to flow to the tank (13), the slide (62) being movable between a maximum opening position, in which the area of the openings (70) is at a maximum, and a maximum restriction position, in which the area of the openings (70) is at a minimum.

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

(21) Application No.10379/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :02/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: DISK BRAKE IN PARTICULAR FOR UTILITY 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 	:F16D55/226 :10 2011 103 963.9 :10/06/2011 :Germany :PCT/EP2012/002230 :24/05/2012 :WO 2012/167875 :NA :NA	(71)Name of Applicant: 1)WABCO Radbremsen GmbH Address of Applicant:Brlochweg 25 68229 Mannheim Germany (72)Name of Inventor: 1)STUMPF Martin 2)HENNING Paul
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A disk brake, in particular for utility vehicles, having a brake pad, having a brake carrier (30) with a first brake carrier lug for supporting the brake pad (30) in the circumferential direction of the brake disk, having a brake caliper (32) which is held so as to be displaceable relative to the brake carrier and which has a pocket-like recess (40), which is open at least in the radially inward direction, for receiving the first brake carrier lug, and having a shoulder (58) on the brake carrier (30) for covering the recess in the radially inward direction.

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

(22) Date of filing of Application :02/12/2013

(43) Publication Date: 26/12/2014

(54) Title of the invention: A CENTRIFUGAL MACHINE FOR DRYING GRANULAR SOLID 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 Number Filing Date 	:12/05/2011 :WO 2012/149616 :NA :NA :NA	(71)Name of Applicant: 1)NICK Josef Andreas Address of Applicant:Rua Padre Jo£o n° 14 68 ap.: 704 Vila Santa Teresa 17012 020 Bauru SP Brazil (72)Name of Inventor: 1)NICK Josef Andreas
Filing Date	:NA	

(57) Abstract:

The present invention relates to a centrifugal machine (1) for drying granular solid materials comprising a hopper (2) a centrifuging mechanism (3) associated to the hopper (2) provided with a rotary helical device (6) enabling the transport of the granular solid materials. Said centrifuging mechanism (3) is also provided with a perforated rotary piece (7) surrounding the rotary helical device (6) configured to remove by centrifugal force free liquids adhered to the surface of the granular solid materials. Additionally the machine (1) comprises a solid outlet duct (5) and a solid collecting chamber (8) arranged between the centrifuging mechanism (3) and the solid outlet duct (5) capable of receiving the centrifuging granular solid materials from the rotary piece (7). The solid collecting chamber (8) is provided with a solid conducting rotor (9) which comprises radial blades (10) configured to push the granular solid materials and impart an increase in tangential velocity to them. The rotary helical device (6) and the rotary piece (7) are configured to allow adjustments of angular velocity.

No. of Pages: 45 No. of Claims: 8

(21) Application No.10381/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :02/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: A LOAD CARRYING DEVICE IN PARTICULAR A LOAD HOOK

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:B66C1/34 :10 2011 054 148.9 :04/10/2011 :Germany :PCT/EP2012/069428 :02/10/2012 :WO 2013/050354 :NA :NA :NA	(71)Name of Applicant: 1)DEMAG CRANES & COMPONENTS GMBH Address of Applicant:Ruhrstr. 28, 58300 Wetter Germany (72)Name of Inventor: 1)MOLL Oliver
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(57) Abstract:

A load-carrying device, in particular a load hook (1), comprising a hook (10) having a shaft (12), a housing (20) with an opening (21) through which the shaft (12) passes, and a retainer (31), which is partially engaged in a groove (13) that is arranged radially in the shaft (12), with the protruding part of said retainer resting on the housing (20).

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

(21) Application No.10382/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :02/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: METHOD FOR THE DIAGNOSIS OF GAUCHER S DISEASE

(51) International classification		(71)Name of Applicant:
(31) Priority Document No	:11004597.8	1)CENTOGENE AG
(32) Priority Date	:06/06/2011	Address of Applicant :Schilingallee 68 18057 Rostock
(33) Name of priority country	:EPO	Germany
(86) International Application No	:PCT/EP2012/002409	(72)Name of Inventor:
Filing Date	:06/06/2012	1)ROLFS Arndt
(87) International Publication No	:WO 2012/167925	2)MASCHER Hermann
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention is related to an in vitro method for diagnosing Gaucher's disease in a subject comprising a step of a) detecting a biomarker in a sample from the subject wherein the biomarker is free lyso Gb1.

No. of Pages: 96 No. of Claims: 16

(22) Date of filing of Application :02/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: POINT OF CARE MEDICAL CONDITION SCREENING KIT

(51) International classification :G01N33/487,G01N33/52,G01N33/68

(31) Priority Document No :61/483482 (32) Priority Date :06/05/2011 (33) Name of priority

country :U.S.A.

(86) International

Application No :PCT/US2012/036776 :07/05/2012

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Publication No :WO 2012/154672

(61) Patent of Addition to
Application Number
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:NA

(71)Name of Applicant:

1)THE JOHNS HOPKINS UNIVERSITY

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MD 21218 U.S.A. (72)Name of Inventor:

1)MONGALE Sean
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(57) Abstract:

A point of care screening kit for use by a heath care worker to create custom test strips for screening the bodily fluids of an individual for various medical conditions includes: (a) a plurality of reagents (12) (b) a substrate (18) configured to: i) receive one of the reagents and react with it so as to cause it to acquire a first characteristic color and ii) upon the addition of the individual s bodily fluid to the substrate acquire as a result of the formulation of each of the reagents a second dichotomous characteristic color when the individual has a specific one of the various medical conditions. This kit also includes: (c) a plurality of containers (10) having indicia (26) that are reflective of the reagent within the container and which of the various medical conditions is being screened for with the use of the container and the characteristic first and second colors which are indicative of the individual having a screened for medical condition and (d) one of the reagents being a protein reagent that includes appropriate quantities of: water isopropyl alcohol citric acid monohydrate sodium citrate iribasic monohydrate tetrabromophenol blue and tartrazine.

No. of Pages: 30 No. of Claims: 24

(22) Date of filing of Application :03/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: SCYLLO INOSITOL FOR THE TREATMENT OF BEHAVIORAL AND PSYCHIATRIC DISORDERS

(51) International classification :A61K31/7004,A61 (31) Priority Document No :61/520031 (32) Priority Date :03/06/2011 (33) Name of priority country :U.S.A.

(33) Name of priority country(86) International Application No:U.S.A.:PCT/US2012/040789

Filing Date :04/06/2012 (87) International Publication No :WO 2012/173808

(61) Patent of Addition to Application
Number
Filing Date

Number
:NA

(62) Divisional to Application Number :NA Filing Date :NA

:A61K31/7004,A61P25/28 (71)Name of Applicant :

1)ELAN PHARMACEUTICALS INC.

Address of Applicant :180 OYSTER POINT BLVD., SOUTH

SAN FRANCISCO, CA 94080, USA U.S.A.

(72)Name of Inventor: 1)ABUSHAKRA Susan

2)CRANS Gerald 3)CEDARBAUM Jesse

4)HERNANDEZ Ramon

(57) Abstract:

The invention relates to the treatment of disorders associated with elevated myo inositol levels in brain in particular behavioural and neuropsychiatry disorders such as dementia mild Alzheimer's disease mild cognitive impairment or bipolar disorder by administering an effective amount of scyllo inositol to a subject.

No. of Pages: 50 No. of Claims: 30

(22) Date of filing of Application :03/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: SYSTEMS AND METHODS FOR SCALE UP OF CONTINUOUS FLOW REACTORS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:B01J19/00 :11305743.4 :14/06/2011 :EPO :PCT/US2012/041192 :07/06/2012 :WO 2012/173848 :NA :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)GUIDAT Roland 2)LOBET Olivier 3)WOEHL Pierre
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(57) Abstract:

A method is disclosed for the seamless scale up of a micro reactor process to transfer lab test to a pilot or production unit the process comprising the steps of using a wall material for the lab reactor with a thermal conductivity lower than 3 W/m K and using a wall material for the production reactor with a thermal conductivity higher than 5 W/m K. According to one preferred embodiment the velocity is kept constant and the height of the channel is determined in order to keep the volumetric heat transfer properties constant according to the formula: wherein H is the overall volumetric heat transfer coefficient in the pilot or production process; A B and C are constants; D is the hydraulic diameter of the channel in the pilot or production process; is the thermal conductivity of the wall in the pilot or production process; b is the empirically determined power to which the Reynolds number is raised in the equation for the Nusselt criteria (Nu = a RePr) for the type of flow in the pilot or production process; h is the height of the channel in the pilot or production process; and H is the overall volumetric heat transfer coefficient in the lab scale process.

No. of Pages: 20 No. of Claims: 15

(22) Date of filing of Application :03/12/2013 (43) Publication Date : 26/12/2014

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

(51) International classification :B60N2/22,B60N2/30 (71)Name of Applicant : 1)KEIPER GMBH & CO. KG (31) Priority Document No :10 2011 113 789.4 (32) Priority Date :29/08/2011 Address of Applicant: Hertelsbrunnenring 2 67657 (33) Name of priority country :Germany Kaiserslautern Germany :PCT/EP2012/003054 (72)Name of Inventor : (86) International Application No Filing Date :19/07/2012 1)BOEHM Andr (87) International Publication No :WO 2013/029720 2)FISCHER Georg (61) Patent of Addition to Application 3)RECKTENWALD Ralph :NA :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract:

In the case of a vehicle seat, in particular a motor vehicle seat, having a basic structure (3) which is intended to be connected to the vehicle structure (S) and on which a first bolt (3b) is arranged, having at least one backrest support (8) which is articulated on the basic structure (3) in a lockable manner by means of at least one fitting (7), wherein the first bolt (3b) is offset parallel to the rotation axis of the fitting (7), having a backrest structure (4) which is aiculated on the backrest support (8) by means of a joint (18) and is lockable to the backrest support (8) by means of a locking device (22) and on which there is arranged a second bolt (20b) which is offset parallel to the joint (18), having a backrest (10) that has the backrest support (8) and the backrest structure (4), said backrest (10) being movable in relation to the basic structure (3) by means of a kinematic system in order to transfer the vehicle seat (1) from at least one use position, in which it can be sat on, into an out-of-use position or into a fiirther use position and back again, wherein a four-bar linkage (V) temporarily exists, said four-bar linkage controlling the kinematic system, there is provided a rigid stop link (29) which comes temporarily into abutment with one of the two bolts (3b, 20b) in order to form a mechanism link of the temporary four-bar linkage (Y), and which is articulated on the other ofthe two bolts (3b, 20b).

No. of Pages: 29 No. of Claims: 10

(21) Application No.10397/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :03/12/2013 (43) Publication Date: 26/12/2014

(54) Title of the invention: DEVICE FOR REDUCING PAPER IN PARTICULAR VALUABLE PAPERS SUCH AS BANKNOTES

(51) International :B02C18/00,B02C18/22,B02C23/02 classification

(31) Priority Document No :2006916

:09/06/2011 (32) Priority Date (33) Name of priority country: Netherlands

(86) International Application :PCT/NL2012/050396

No

:07/06/2012 Filing Date

(87) International Publication :WO 2012/177124

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to Application :NA Number :NA Filing Date

(57) Abstract:

(71)Name of Applicant: 1)Syntech Holdings B.V.

Address of Applicant :L.J. Costerstraat 6 NL 5916 PS Venlo

Netherlands

(72)Name of Inventor:

1)KUSTERS Gerardus Jacobus Marie

The invention relates to a device (1) for reducing paper in particular valuable papers such as banknotes. The device comprises a reducing unit (4) for reducing the paper to be reduced. The device also comprises a conveying unit (5) comprising a conveyor (7) for supplying the paper to be reduced to the reducing unit from a supply end (7a) of the conveyor via a discharge end (7b) of the conveyor. The conveyor is substantially enclosed by a closable casing (53). Near the supply end of the conveyor the casing comprises a supply opening (12) which can be closed by means of a closing element (51). The device further comprises an suction unit provided with a suction element (10) for suctioning air which is disposed at the location of the supply opening (12).

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

(22) Date of filing of Application :02/12/2013 (43) Publication Date: 26/12/2014

(54) Title of the invention: PROCESSES FOR RECOVERING RARE EARTH ELEMENTS FROM VARIOUS ORES

(51) International classification :C22B3/10,C22B3/06,C22B3/46 (71)Name of Applicant : 1)ORBITE ALUMINAE INC. (31) Priority Document No :61/482253 (32) Priority Date :04/05/2011 Address of Applicant: 6505 route Transcanadienne Bureau 610 Saint Laurent Qubec H4T 1S3 Canada (33) Name of priority country :U.S.A. (72)Name of Inventor: (86) International Application No: PCT/CA2012/000419 1)BOUDREAULT Richard Filing Date :03/05/2012 (87) International Publication No: WO 2012/149642 2)PRIMEAU Denis (61) Patent of Addition to 3)FOURNIER Joel :NA **Application Number** 4)SIMONEAU Raymond 5)GARCIA Maria Cristina

:NA Filing Date (62) Divisional to Application

:NA Number :NA Filing Date

6)KRIVANEC Heinz 7)DITTRICH Carsten

(57) Abstract:

The present disclosure relates to processes for recovering rare earth elements from various materials. The processes can comprise leaching the at least one material with at least one acid so as to obtain a leachate comprising at least one metal ion and at least one rare earth element and a solid and separating the leachate from the solid. The processes can also comprise substantially selectively removing at least one of the at least one metal ion from the leachate and optionally obtaining a precipitate. The processes can also comprise substantially selectively removing the at least one rare earth element from the leachate and/or the precipitate.

No. of Pages: 99 No. of Claims: 171

(21) Application No.10387/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :02/12/2013

(43) Publication Date: 26/12/2014

(54) Title of the invention: POSITIVE ALLOSTERIC MODULATORS OF NICOTINIC ACETYLCHOLINE RECEPTOR

(51) International :C07D213/26,C07D213/30,C07D213/40 classification

(31) Priority Document

:PA 2011 00520

:08/07/2011 (32) Priority Date (33) Name of priority :Denmark

country

(86) International Application No

:PCT/EP2012/063219 :06/07/2012

Filing Date

(87) International :WO 2013/007621

Publication No

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to :NA **Application Number**

:NA Filing Date

(71)Name of Applicant:

1)H. LUNDBECK A/S

Address of Applicant :Ottiliavej 9 DK 2500 Valby Denmark

(72)Name of Inventor:

1)ESKILDSEN J. rgen 2)SAMS Anette Graven

3)PSCHL Ask

(57) Abstract:

The present invention relates to compounds of formula (I) useful in therapy, to compositions comprising said com pounds, and to methods of treating diseases comprising administration of said compounds. The compounds referred to are positive allosteric modulators (PAMs) of the nicotinic acetylcholine al receptor.

No. of Pages: 85 No. of Claims: 15

(22) Date of filing of Application :02/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: WIRELESS COMMUNICATION FOR POINT TO POINT SERIAL LINK PROTOCOL

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:H04W88/00 :13/159868 :14/06/2011 :U.S.A. :PCT/US2012/040685 :04/06/2012 :WO 2012/173805 :NA :NA	(71)Name of Applicant: 1)ADVANCED MICRO DEVICES INC. Address of Applicant: P.O. Box 3453 One AMD Place Sunnyvale California 94088 3453 U.S.A. (72)Name of Inventor: 1)GLASER Stephen D.
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A wireless communication link [103] such as a PCIe endpoint to endpoint communication link can be configured as a link in the communication protocol hierarchy such that the wireless communication link is assigned its own bus identifier and communications are routed to the wireless communication segment by a switch module [102] based on the bus number. The wireless communication link can also be associated with the same link as a downstream wireless communication module [129]. By employing the wireless communication segment as a link features of the communication protocol can be conventionally implemented by the host and downstream devices.

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

(22) Date of filing of Application :02/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: STEEL STRIP STABILISATION DEVICE

(51) International classification :C23C2/00,C23C2/40,C23C2/24 (71)Name of Applicant : (31) Priority Document No 1)POSCO :NA (32) Priority Date :NA Address of Applicant: 1 Koedong dong Nam gu Pohang Kyungsangbook do 790 300 Republic of Korea (33) Name of priority country :NA (72)Name of Inventor: (86) International Application No: PCT/KR2011/004046 Filing Date :02/06/2011 1)JANG Tae In (87) International Publication No: WO 2012/165679 2) JEE Chang Woon (61) Patent of Addition to 3)KWEON Yong Hun :NA **Application Number** :NA Filing Date (62) Divisional to Application :NA Number :NA

(57) Abstract:

Filing Date

Provided is a steel strip stabilisation device which allows shape correction and vibration suppression in steel strip and particularly plated steel strip in a non contact fashion. The configuration of one example of the steel strip stabilisation device consists of: a device support which is disposed on at least one side of advancing steel strip; and a steel strip stabilisation means incorporating a magnetic field generating pole of which one or more is provided facing the steel strip on the device support and a pole expanding part provided so as to increase the steel strip attraction force on the end part on the steel strip side of the magnetic field generating pole; and is configured so as to allow shape correction or vibration suppression in the steel strip. The present invention increases the (electro)magnetic attraction force on plated steel strip that has passed through a plating tank and thereby effectively ensures shape (curvature) correction or vibration suppression (damping) in the plated steel strip and prevents plating variations in the steel strip and ultimately makes it possible to improve the quality of the plating of the steel strip.

No. of Pages: 54 No. of Claims: 10

(22) Date of filing of Application :03/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: CONTINUOUSLY VARIABLE TRANSMISSION

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:F16H15/52 :NA :NA :NA :NA :PCT/JP2011/063346 :10/06/2011 :WO 2012/169056 :NA :NA :NA	(71)Name of Applicant: 1)TOYOTA JIDOSHA KABUSHIKI KAISHA Address of Applicant: 1 Toyota cho Toyota shi Aichi 4718571 Japan (72)Name of Inventor: 1)OGAWA Hiroyuki 2)TOMOMATSU Daisuke 3)MURAKAMI Akira 4)SHIINA Takahiro 5)ARATSU Yuki
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(57) Abstract:

The present invention comprises a plurality of planet balls (40) sandwiched between first and second rotating members (10 20) on a shaft (50); an iris plate (80) and a worm gear (81) spinning each of the planet balls (40) at a slope; a sun roller (30) comprising a first sun roller (31) which includes a first cylindrical portion (31a) that has a first contact point (P1) with the planet ball (40) and a second cylindrical portion (31b) that has a smaller outer diameter than the first cylindrical portion (31a) to be capable of relative rotation with the shaft (50) the sun roller (30) also comprising a second sun roller (32) which includes a second contact point (P2) with the planet ball (40) to be capable of relative rotation with the first sun roller (31) on an outer circumferential surface of the second cylindrical portion (31b); and a thrust bearing (TB) disposed between the first sun roller (31) and the second sun roller (32).

No. of Pages: 42 No. of Claims: 4

(21) Application No.10400/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :03/12/2013 (43) Publication Date: 26/12/2014

(54) Title of the invention: HYDRAULIC SETTING ADHESIVE WITH IMPROVED OPEN TIME

(51) International :C04B20/10,C04B24/16,C04B28/02 classification

(31) Priority Document No :61/502959 :30/06/2011 (32) Priority Date

(33) Name of priority country: U.S.A.

(86) International Application :PCT/US2012/043045

No :19/06/2012 Filing Date

(87) International Publication: WO 2013/003104 No

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to Application :NA Number :NA Filing Date

(71)Name of Applicant:

1)DOW GLOBAL TECHNOLOGIES LLC

Address of Applicant :2040 Dow Center Midland MI 48674

(72)Name of Inventor:

1)KIESEWETTER Rene

(57) Abstract:

A hydraulic setting adhesive containing a hydraulic binder fillers a water retention agent a sulfoalkylester surfactant and optionally a redispersible polymer powder and/or a polymer dispersion wherein the surfactant is represented by the formula of MSO R (COOR) wherein M is selected from the group consisting of hydrogen alkali metals alkaline earth metals and ammonium; R is linear or branched saturated or unsaturated C Calkylene that optionally can be substituted by one or more hydroxyl halogen nitro or cyano groups; R can be identical or different from R and is represented by C C linear or branched alkyl; and n is an integer from 1 to 10 and wherein the hydraulic setting adhesive based on its dry weight comprises 0.1 3% by weight of the water retention agent.

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

(22) Date of filing of Application :03/12/2013

(43) Publication Date: 26/12/2014

(54) Title of the invention : CONCRETE BLOCK PRODUCING DEVICE AND METHOD FOR PRODUCING AT LEAST BICOLOR CONCRETE BLOCKS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:B28B13/02 :10 2011 050 974.7 :09/06/2011 :Germany :PCT/EP2012/060521 :04/06/2012 :WO 2012/168197 :NA :NA :NA	(71)Name of Applicant: 1)REKERS VERWALTUNGS GMBH & CO. KG Address of Applicant:Gerhard Rekers Str. 1 48480 Spelle Germany (72)Name of Inventor: 1)FOPPE Norbert
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(57) Abstract:

The invention relates to a concrete block producing device (1) andtd a method for producing colored concrete blocks using a concrete block producing device which comprises a block molding machine (2) having a block mold that can be supplied with fresh concrete from a concrete hopper (3, 4). Said concrete hopper (3, 4) can be supplied with portions of at least two differently colored fresh concretes in a controlled manner by a dosing device, said dosing device comprising at least two dosing chambers (11, 12) and a transport device for transporting the differently colored fresh concrete portions to the concrete hopper (4). The transport device comprises at least one positioning unit for guiding the colored fresh concrete from the dosing chambers (11, 12) to the concrete hopper, said positioning unit being designed to supply defined positions (31, 32, 33) in the concrete hopper (3, 4) with differently colored fresh concrete portions.

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

(22) Date of filing of Application :03/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: FUSION PROTEINS RELEASING RELAXIN AND USES THEREOF

Number :NA Filing Date :NA Filing Date :NA Filing Date :NA Filing Date :NA	Filing Date (62) Divisional to Application Number	:04/07/2012 :WO 2013/007563 :NA :NA :NA	(71)Name of Applicant: 1)BAYER INTELLECTUAL PROPERTY GMBH Address of Applicant: Alfred Nobel Str. 10 40789 Monheim Germany (72)Name of Inventor: 1)HAUPTS Ulrich 2)WILMEN Andreas
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(57) Abstract:

The present invention provides Relaxin fusion proteins wherein a linker connects the carboxy terminus of Relaxin with a proteinaceous half life extending moiety and the linker comprises a protease cleavage site. Therefore the invention provides Relaxin fusion polypeptides with extended half life whereby the fusion protein by itself serves as a depot for release of the biologically active Relaxin. Furthermore the invention provides nucleic acid sequences encoding the foregoing fusion polypeptides vectors containing the same cells expressing the Relaxin fusion polypeptides pharmaceutical compositions and medical use of such fusion polypeptides.

No. of Pages: 103 No. of Claims: 15

(21) Application No.10404/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :03/12/2013 (43) Publication Date: 26/12/2014

(54) Title of the invention: METHOD FOR MAKING T BRANCH JOINTS FOR PIPES

:WO 2012/168542

(51) International :F16L41/08,F16L41/02,B23K33/00 classification

(31) Priority Document No :20115544 (32) Priority Date :06/06/2011

(33) Name of priority country: Finland

(86) International Application :PCT/FI2012/050496

No :24/05/2012

Filing Date

(87) International Publication No

(61) Patent of Addition to **Application Number**

:NA Filing Date (62) Divisional to Application

:NA Number :NA

Filing Date

(71)Name of Applicant: 1)EFES TEX AG

Address of Applicant: Casella postale 3198 Via dufour 2 CH

6901 Lugano Switzerland (72)Name of Inventor: 1)LARIKKA Leo

(57) Abstract:

The invention relates to a method for making T branch joints for pipes. The method comprises making a hole (3) in a pipe (1) to be branched and attaching a branch pipe (2) by welding to the edges of the hole. Welding is conducted from inside the pipes. The hole (3) is made smaller than the internal diameter of the branch pipe (2) with edges (4) of the hole (3) providing a step which extends inside the internal diameter of the branch pipe. The material of the step (4) is melted by internal welding to form part of a weld joint (5).

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

(22) Date of filing of Application :03/12/2013

(43) Publication Date: 26/12/2014

(54) Title of the invention: BEARING RING FOR A RADIAL ROLLING BEARING IN PARTICULAR FOR A CYLINDRICAL ROLLER BEARING OR NEEDLE BEARING

(51) International classification	:F16C33/60	(71)Name of Applicant :
(31) Priority Document No	:10 2011 075 157.2	1)SCHAEFFLER TECHNOLOGIES AG & CO. KG
(32) Priority Date	:03/05/2011	Address of Applicant :Industriestrasse 1 3 91074
(33) Name of priority country	:Germany	Herzogenaurach Germany
(86) International Application No	:PCT/EP2012/051869	(72)Name of Inventor:
Filing Date	:03/02/2012	1)AUST Jan Rene
(87) International Publication No	:WO 2012/150049	2)SCH,,FERS Heinz
(61) Patent of Addition to Application	:NA	3)FICK Matthias
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(57) Abstract:		

(57) Abstract:

The invention relates to a bearing ring (1) for a radial rolling bearing, in particular for a cylindrical roller bearing or needle bearing, which has, on one of the radial surface areas (2, 3) thereof, a track (4) for a set of cylindrical rolling bodies (6) which are cageless or are guided by a cage (5) and one or two guide flanges (9, 10) axially bounding the track (4) of the rolling bodies (6) is/are fastened to the axial end surfaces (7, 8) of said bearing by adhesive bonding. According to the invention, each guide flange (9, 10) has a rectangular profile cross section with a horizontal fastening limb (11, 13) and a vertical flange limb (12, 14) and, by means of the horizontal fastening limb (11, 13) thereof, is in each case adhesively bonded in an encircling axial groove (15,16) in an axial end surface (7, 8) of the bearing ring (1), wherein the width of each axial groove (15, 16) is greater than the material thickness of each fastening limb (11, 13), and each guide flange (9, 10) can be fixed radially in position in the particular axial groove (15, 16) by means of a profiling (21, 22) of the fastening limb (11, 13) of said guide flange, the profiling being in contact both with the outer wall (17, 19) and with the inner wall (18, 20) of the associated axial groove (15,16).

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

(22) Date of filing of Application :03/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: CONNECTING NODE FOR A COMMUNICATION NETWORK

(51) International classification :H04L12/40,H04L12/46 (71)Name of Applicant : :10 2011 077 409.2 1)ROBERT BOSCH GMBH (31) Priority Document No Address of Applicant :Postfach 30 02 20 70442 Stuttgart (32) Priority Date :10/06/2011 (33) Name of priority country :Germany Germany (86) International Application No :PCT/EP2012/057563 (72)Name of Inventor: Filing Date :25/04/2012 1)LIKKEI Juergen (87) International Publication No :WO 2012/167995 (61) Patent of Addition to Application :NA :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract:

A connecting node (10) for a communication network (18) is described, particularly for connecting a network element (14) of the communication network (18) to the communication network (18), wherein the connecting node (10) has a first interface (12) for connecting the network element (14) to the connecting node (10) and a second interface (16) for connecting the connecting node (10) to the communication network (18), wherein the connecting node (10) is designed to allow data interchange between the communication network (18) and the network element (14) via the first and second interfaces (12, 16), and wherein the connecting node (10) is designed to read and/or alter and/or block data (25) interchanged between the communication network (18) and the network element (14).

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

(22) Date of filing of Application :03/12/2013

(43) Publication Date: 26/12/2014

(54) Title of the invention : MOBILE COMMUNICATIONS INTERFACE SYSTEM COMPRISING A MOBILE COMMUNICATIONS INTERFACE AND A METHOD FOR IDENTIFYING DIAGNOSING SERVICING AND REPAIRING A VEHICLE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:G07C5/08,G01M17/00 :10 2011 077 196.4 :08/06/2011 :Germany :PCT/EP2012/059541 :23/05/2012 :WO 2012/168071 :NA :NA	(71)Name of Applicant: 1)ROBERT BOSCH GMBH Address of Applicant: Postfach 30 02 20 70442 Stuttgart Germany (72)Name of Inventor: 1)AMIRPOUR Ramon 2)NOBIS Guenter 3)MALMSHEIMER Roger
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(57) Abstract:

The invention relates to a method for identifying, diagnosing, servicing, and repairing a vehicle (10) in a garage, comprising the steps of: saving customer, vehicle, and job-sheet data which pertain to said vehicle (10), out of a central customer databank and into a working data storage-device (18) of a mobile communications interface (1); connecting the mobile communications interface (1) to said vehicle (10) and connecting a first vehicle testing device 10 (3a) at least to said mobile communications interface (1), at a first work station (41); reading the customer, vehicle, and job-sheet data out of the working data storage-device (18) of the p mobile communications interface (1) and into the control computer (32a) of the first vehicle testing device (3 a); carrying out first tests on the vehicle (10) using the first vehicle testing device (3a) and/or the mobile communications interface (1); saving the first test results into 15 the working data storage-device (18) of the mobile communications interface (1) by means of the first vehicle testing device (3a); disconnecting the first vehicle testing device (3a) fi-om the vehicle (10); cormecting a second vehicle testing device (3b) to said vehicle (10) and reading the customer, vehicle, and job-sheet data, as well as the first test results, out of the working data storagedevice (18) of the mobile communications interface (1) and into the second 20 vehicle testing device (3b), at a second work station (42); carrying out, on the basis of the first test results, second tests on the vehicle (10) using the second vehicle testing device (3b) and/or the mobile communications interface (1) that is connected to the vehicle (10); saving the second test results into the working data storage-device (18) of the mobile communications interface (1) by means of the second vehicle testing device (3 b); and reading 25 the customer, vehicle, and job-sheet data, as well as the first and second test results of the vehicle (10), out of the working data storage-device (18) of the mobile communications interface (1) and into the central customer databank.

No. of Pages: 28 No. of Claims: 8

(21) Application No.10407/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :03/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: SYSTEM AND METHOD FOR DECODING A RADIO SIGNAL

(51) International classification :G01R29/08,H04B1/16,H04B17/00

(31) Priority Document No :61/483289 (32) Priority Date :06/05/2011

(33) Name of priority country: U.S.A.

(86) International Application :PCT/CA2012/000314

Filing Date :26/03/2012

(87) International Publication :WO 2012/151662

No

(61) Patent of Addition to Application Number Filing Date :NA

(62) Divisional to Application :NA Number :NA

Filing Date

(71)Name of Applicant:

1)PER VICES CORPORATION

Address of Applicant: 73 Strathcona Avenue Toronto Ontario

M4J 1G9 Canada

(72)Name of Inventor: 1)WOLLESEN Victor

2)YAO Yi

(57) Abstract:

A method of decoding a radio signal by an electronic device is provided. The method includes receiving the radio signal digitizing the radio signal auto correlating the radio signal to generate a first signal and determining periodic information of the radio signal using the first signal. An electronic device such as a software defined radio is also provided. The electronic device includes a radio frequency front end a processing unit and memory. The processing unit may also include a field programmable gate array and a graphics processing unit.

No. of Pages: 35 No. of Claims: 23

(21) Application No.10408/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :03/12/2013

(43) Publication Date: 26/12/2014

(54) Title of the invention: A SUSTAINED RELEASE COMPOSITION CONTAINING A MELANOCORTIN RECEPTOR LIGAND AS THE ACTIVE INGREDIENT

(51) International :A61K9/16,A61K38/33,A61K38/35 classification

(31) Priority Document No :11290270.5 (32) Priority Date :14/06/2011

(33) Name of priority country: EPO

(86) International Application :PCT/IB2012/001588

No :13/06/2012

Filing Date (87) International Publication :WO 2012/172433

(61) Patent of Addition to :NA **Application Number**

:NA Filing Date (62) Divisional to Application :NA

Number :NA Filing Date

(71)Name of Applicant: 1)IPSEN PHARMA S.A.S.

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BOULOGNE BILLANCOURT France

(72)Name of Inventor: 1)RICHARD Jo«l

2)LAREDJ Fa⁻za

3)BARONNET Marie Madeleine

4)NOURRISSON Didier 5)HARNETT Jeremiah 6)HACHER Batrice 7)MONDOLY Nathalie

8)BERTOCCHI Laurent

(57) Abstract:

The present invention relates to a sustained release drug composition consisting essentially of microparticles of a peptide as the active substance and a biocompatible water soluble polymer in particular peptide as meianocortin receptor ligand. The present invention relates also to an injection formulation comprising the sustained release drug composition suspended in an injection medium.

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

(22) Date of filing of Application :03/12/2013 (43) Publication Date: 26/12/2014

(54) Title of the invention: USE OF LUMINESCENT NANOSYSTEMS FOR AUTHENTICATING SECURITY DOCUMENTS

(51) International :G01N33/58,B41M3/14,B42D15/00 classification

(31) Priority Document No :11382200.1 (32) Priority Date :15/06/2011

(33) Name of priority country: EPO

(86) International Application :PCT/EP2012/061353 No

:14/06/2012 Filing Date

(87) International Publication :WO 2012/172018 No

(61) Patent of Addition to

:NA **Application Number** :NA Filing Date

(62) Divisional to Application :NA Number :NA Filing Date

(71)Name of Applicant:

1)F BRICA NACIONAL DE MONEDA Y TIMBRE REAL

CASA DE LA MONEDA

Address of Applicant :Jorge Juan 106 E 28009 Madrid Spain 2)NANOGAP SUB NM POWDER SOCIEDAD ANONIMA

(72)Name of Inventor:

1)LOPEZ QUINTELA Manuel Arturo

2)GARC A JUEZ Vicente

(57) Abstract:

The present invention relates to the use of nanosystems as non deactivable security markers comprising metal atomic quantum clusters (AQCs) of at least two different size distributions encapsulated in a cavity with an inner diameter less than or equal to approximately 10 nm. These nanosystems are luminescence particularly fluorescence after external excitation. The invention also relates to security documents articles or elements incorporating these markers as well as to a method and a system for detecting the same.

No. of Pages: 52 No. of Claims: 15

(21) Application No.10410/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :03/12/2013

(43) Publication Date: 26/12/2014

(54) Title of the invention: METAL TURNBUCKLE ACCESSORY FITTING AND TURNBUCKLE WITH TENSION SENSOR **USING SAME**

(51) International classification :F16G11/12,E01F7/04,F16B7/06 (71)Name of Applicant:

(31) Priority Document No :2011128022 (32) Priority Date :08/06/2011

(33) Name of priority country :Japan

(86) International Application No:PCT/JP2012/064571 Filing Date :06/06/2012

(87) International Publication No: WO 2012/169534

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to Application :NA Number :NA

Filing Date

1) Nippon Steel & Sumikin Metal Products Co. Ltd.

Address of Applicant: 17 12 Kiba 2 chome Koto ku Tokyo

1350042 Japan

(72)Name of Inventor: 1)HIGUCHI Kei 2)IWASA Naoto

(57) Abstract:

A metal tumbuckle accessory fitting comprises a tension sensor to measure tension of a linear body to be coupled with a tumbuckle, the metal tumbuckle accessory fitting has a rod shape with an external thread portion at one end and an mtemal thread portion at the other end, a recess is formed in an outer peripheral surface of the fitting, a strain gauge is attached to the recess, a protecting member to protect this strain gauge is provided, the external thread portion of the fitting is threaded so as to be able to be coupled with an internal thread portion provided in a central rotary part for binding of the tumbuckle, and the internal thread portion of the fitting is threaded so as to be coupled with an external thread portion provided in a fastening bolt having a linear body coupling portion to be coupled with the linear body.

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

(21) Application No.10411/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :03/12/2013 (43) Publication Date: 26/12/2014

(54) Title of the invention: MICRONIZED CRYSTALS OF ATORVASTATIN HEMICALCIUM

(51) International :C07D207/34,A61K9/14,A61K31/40 classification

(31) Priority Document No :11172440.7 (32) Priority Date :01/07/2011 (33) Name of priority

:EPO country

(86) International :PCT/EP2012/062592

Application No :28/06/2012 Filing Date

(87) International Publication: WO 2013/004591

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to :NA Application Number :NA Filing Date

(71)Name of Applicant:

1)DSM SINOCHEM PHARMACEUTICALS

NETHERLANDS B.V.

Address of Applicant :P.O. Box 245 Alexander Fleminglaan 1

NL 2613 AX Delft Netherlands

(72)Name of Inventor: 1)KUMAR Rajnish

2)TEWARI Neeraj

(57) Abstract:

The present invention relates to micronized crystals of atorvastatin hemi calcium a method for the preparation of micronized crystals of atorvastatin hemi calcium and a pharmaceutical dosage form comprising said micronized crystals of atorvastatin hemi calcium.

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

(21) Application No.10412/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :03/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: PROCESS FOR THE DIGESTION OF ORGANIC MATERIAL

(31) Priority Document No :111 (32) Priority Date :29/ (33) Name of priority country :EP((86) International Application No :PC Filing Date :26/	171856.5 1/06/2011 PO CT/EP2012/062386 1/06/2012 PO 2013/000928 A A	 (71)Name of Applicant: 1)DSM IP ASSETS B.V. Address of Applicant: Het Overloon 1 NL 6411 TE Heerlen Netherlands (72)Name of Inventor: 1)BIJL Hendrik Louis 2)PELENC Vincent Pascal
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(57) Abstract:

The present invention provides a process for the digestion of organic material into biogas which comprises: treating the organic material to reduce the number of viable microorganisms in the organic material; treating the organic material with one or more enzymes; separating the liquid fraction from the solid fraction of the enzyme treated organic material; and digesting the liquid fraction to form biogas.

No. of Pages: 27 No. of Claims: 9

(21) Application No.10421/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :03/12/2013

(43) Publication Date: 26/12/2014

(54) Title of the invention : PROCESS FOR SYNTHESIZING BIFUNCTIONAL HYDROCARBON BASED COMPOUNDS FROM BIOMASS

(57) Abstract:

The subject matter of the present invention is a process for synthesizing bifunctional hydrocarbon based compounds from biomass comprising a step of fermentation of the biomass and a step of oxidation of the intermediate compounds resulting from the fermentation step.

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

(22) Date of filing of Application :03/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention : METHODS AND COMPOSITIONS FOR INTRODUCTION OF EXOGENOUS DSRNA INTO PLANT CELLS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:61/523877 :16/08/2011 :U.S.A. :PCT/US2012/050687 :14/08/2012 :WO 2013/025670 :NA	(71)Name of Applicant: 1)SYNGENTA PARTICIPATIONS AG Address of Applicant: Schwarzwaldallee 215 CH 4058 Basel Switzerland (72)Name of Inventor: 1)TANG Guo qing
Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

This invention provides a method to silence an endogenous target gene expression in plants by applying a specific dsRNA onto the exterior surface of a plant. Application such as by spraying or brushing a plant with dsRNA is done without wounding the plant tissue and cells such as by mechanical type wounding particle bombardment or mechanical infection with viral vectors. The present invention enables the regulation of gene expression in plants. In some embodiments of the invention the dsRNA is directed to an essential gene of a plant pathogen or pest whereby the pathogen and/or pest damage is controlled resulting in desired agronomic performance.

No. of Pages: 32 No. of Claims: 12

(22) Date of filing of Application :03/12/2013 (43) Publication Date: 26/12/2014

(54) Title of the invention: PROCESSES FOR THE PREPARATION OF THIETANAMINE

(51) International classification :C07D331/04,C07D409/12 (71)Name of Applicant :

:11173291.3 (31) Priority Document No (32) Priority Date :08/07/2011

(33) Name of priority country :EPO

(86) International Application No :PCT/EP2012/063080 Filing Date :05/07/2012

(87) International Publication No :WO 2013/007582

(61) Patent of Addition to Application :NA :NA Filing Date

(62) Divisional to Application Number :NA Filing Date :NA

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Address of Applicant: Schwarzwaldallee 215 CH 4058 Basel

Switzerland

(72)Name of Inventor: 1)CASSAYRE Jr'me Yves 2)GODINEAU Edouard

3)BOUSSEMGHOUNE Mohamed Abdelouahab

4)SMITS Helmars

(57) Abstract:

The present invention provides processes for the preparation of compounds of formula (I) including processes comprising a reacting a compound of formula (II) with a nucleophile in the presence of water to give a compound comprising a thietane moiety in which the carbon atom at the 3 position of the thietane moiety is bonded to a nitrogen atom; wherein the nucleophile is selected the group consisting of: N a sulfonamide having two hydrogen atoms bound to the nitrogen atom a diimide having a hydrogen atom bound to the nitrogen atom or an anion thereof NHOH and NH; and b. when the nucleophile used in step a. is N or NHOH reacting the compound produced in step a. with a suitable reducing agent to give a compound of formula (I); or when the nucleophile used in step a. is a sulfonamide reacting the compound produced in step a, with a reagent suitable for cleaving the S N bond of the sulfonamide group to give a compound of formula (I); or when the nucleophile used in step a. is a diimide reacting the compound produced in step a. with a reagent suitable for cleaving the C N bond of the amide group to give a compound of formula (I). The invention also relates to intermediates useful for the preparation of compounds of formula (I).

No. of Pages: 53 No. of Claims: 27

(21) Application No.10425/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :03/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: FREEZE DRIED FORMULATIONS OF FGF 18

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	:A61K38/18 :11170437.5 :17/06/2011 :EPO :PCT/EP2012/061495 :15/06/2012 :WO 2012/172072	(71)Name of Applicant: 1)ARES TRADING S.A. Address of Applicant: Zone Industrielle de L'Ouriettaz CH 1170 Aubonne Switzerland (72)Name of Inventor: 1)CERRETI Alessandra 2)DEL RIO Alessandra
(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 the field of pharmaceutical formulations. More particularly it is directed to freeze dried formulations of Fibroblast Growth Factor 18 (FGF 18) compound and to methods of producing such formulations. The freeze dried formulations according to the invention are stable upon storage for an appropriate period of time. They can be used after reconstitution for the treatment of cartilage disorders such as osteoarthritis or cartilage injury.

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

(22) Date of filing of Application :03/12/2013 (43) Publication Date: 26/12/2014

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

(51) International classification :B60L5/00,B60L11/18,H02J7/00 (71)Name of Applicant :

(31) Priority Document No :NA (32) Priority Date :NA

(33) Name of priority country :NA

(86) International Application No:PCT/JP2011/062817

Filing Date :03/06/2011

(87) International Publication No: WO 2012/164743

(61) Patent of Addition to $\cdot NA$ **Application Number** :NA Filing Date (62) Divisional to Application

:NA Number :NA Filing Date

1)TOYOTA JIDOSHA KABUSHIKI KAISHA

Address of Applicant: 1 Toyota cho Toyota shi Aichi 4718571

Japan

(72)Name of Inventor:

1)ICHIKAWA Shinji

(57) Abstract:

A vehicle includes: a power reception device (110) that receives power for running the vehicle (100) in a non-contact manner using electromagnetic field resonance; and a 5 power transmission device (184) that transmits power supplied to an electric device inside the vehicle in a non-contact nianner using the electromagnetic field resonance. A frequency of an electromagnetic field used by the power reception device to receive power is set to be different frx>m a frequency of an electromagnetic field used by the power transmission device to transmit power. It is desirable to set the figuency of the 10 electromagnetic field used by the power reception device to receive power and the firequency of the electroinagnetic field used by the power transmission device to transmit power such that the frequency of the electromagnetic field used by the power reception device to receive power is lower than the firequency of the electromagnetic field used by the power transmission device to transmit power. It is even more desirable for the 15 power received by the power reception device in a non-contact manner fixim an external power transmission device provided outside the vehicle to be larger than the power transmitted jby the power transmission device to the electric device in a non-contact manner.

No. of Pages: 47 No. of Claims: 8

(19) INDIA

(22) Date of filing of Application :03/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: SERVICE DEPENDENT INACTIVITY TIMER

(51) International classification :H04W76/06,H04W36/00 (71)Name of Applicant : (31) Priority Document No 1)TELEFONAKTIEBOLAGET L M ERICSSON (PUBL) :61/484034 (32) Priority Date Address of Applicant: S 16483 Stockholm Sweden :09/05/2011 (33) Name of priority country (72)Name of Inventor: :U.S.A. 1)ANDR‰ J-NSSON Henrik (86) International Application No :PCT/IB2012/051894 2)-STRUP Peter Filing Date :16/04/2012 (87) International Publication No :WO 2012/153211 (61) Patent of Addition to Application :NA :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(21) Application No.10431/DELNP/2013 A

(57) Abstract:

A node (20) of a communications network proposes an inactivity timer parameter for a radio access network bearer. The inactivity timer parameter indicates for how much time die bearer may be inactive for a session or a connection while the bearer is still allocated resources of the radio access network. The node proposes the inactivity timer parameter in dependence upon a service characteristic or a subscription characteristic for the session or the connection.

No. of Pages: 31 No. of Claims: 23

(21) Application No.10432/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :03/12/2013 (43) Publication Date: 26/12/2014

(54) Title of the invention: SOLAR PANEL DEVICE

(51) International classification :F21S9/03,F21S2/00,F21V3/04 (71)Name of Applicant :

(31) Priority Document No :2011103617 (32) Priority Date :06/05/2011

(33) Name of priority country :Japan

:PCT/JP2012/052380 (86) International Application No

Filing Date :02/02/2012 (87) International Publication No :WO 2012/153550

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to Application :NA Number :NA Filing Date

1)NIHON ENERGY INSTITUTE CO. LTD.

Address of Applicant: 414 2 Mikage Toyotomi cho Himeji shi

Hyogo 6792122 Japan (72)Name of Inventor: 1)ONO Yoshiko

(57) Abstract:

To provide a solar panel device that can be easily attached to an existing fluorescent light or LED light to configure a power generation light. [Solution] The present invention is provided with: a solar panel (11) that forms an arced band shape in cross section having an arc length in the range of 1/5 1/2 inclusive of the cross sectional outer circumference of a lamp tube (14) in the direction of lateral width and that receives light from the back surface of the lamp tube generating electromotive force; an electrification wire (12) that extracts the electromotive force of the solar panel; and a tubular base (13) that forms a tube has the solar panel pasted to the inner or outer surface of the tube in the lengthwise direction covers the lamp tube by being inserted around the lamp tube and holds the solar panel in a manner so that the light receiving surface of the solar panel contacts the surface of the lamp tube or so that there is a gap of no greater than 10 mm from the surface of the lamp tube.

No. of Pages: 49 No. of Claims: 8

(22) Date of filing of Application :03/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: METHOD OF COLLECTING INFORMATION REGARDING ABSORBENT ARTICLES

(51) International classification	:H04N7/18,G06F15/16	(71)Name of Applicant:
(31) Priority Document No	:13/155780	1)THE PROCTER & GAMBLE COMPANY
(32) Priority Date	:08/06/2011	Address of Applicant :One Procter & Gamble Plaza Cincinnati
(33) Name of priority country	:U.S.A.	OH 45202 U.S.A.
(86) International Application No	:PCT/US2012/041246	(72)Name of Inventor:
Filing Date	:07/06/2012	1)AGAMI Sion
(87) International Publication No	:WO 2012/170624	2)ROBLES Miguel Alvaro
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.IVA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Methods of collecting information from an individual regarding absorbent articles are provided. A method entails collecting input information from an individual regarding absorbent article use wherein at least some of the information collected includes data generally known by most consumers. The method further entails collecting still or video image data from an individual consumer using a computing device and uploading the input information and still or video image data to a server. The input information and still or video image data is used to output data regarding the absorbent articles and to output a set of correlations between the visual data and the input information.

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

(21) Application No.10434/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :03/12/2013 (43) Publication Date: 26/12/2014

(54) Title of the invention: DOSAGE FORM FOR THE CONTROLLED RELEASE OF ACTIVE INGREDIENTS

(51) International classification :A61K9/28,A61K9/48,A61K9/16 (71)Name of Applicant:

(31) Priority Document No :10 2011 075 354.0 (32) Priority Date :05/05/2011

(33) Name of priority country :Germany

(86) International Application :PCT/EP2012/057996 No

:02/05/2012 Filing Date

(87) International Publication No:WO 2012/150246

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to Application :NA Number :NA

Filing Date

1)HENNIG ARZNEIMITTEL GMBH & CO. KG

Address of Applicant :Liebigstrae 1 2 65439 Flrsheim am

Main Germany

(72)Name of Inventor: 1)FRANCAS Gernot

2)PRZYKLENK Karl Heinz

(57) Abstract:

The invention relates to a dosage form to a method for the production thereof and to uses thereof. The dosage form comprises different units containing active ingredient which units are intended to release an active ingredient in such a way that the intake of a traditional dosage form several times a day can be simulated. The dosage form can release several active ingredients.

No. of Pages: 40 No. of Claims: 12

(22) Date of filing of Application :03/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: METHOD FOR CONTROLLING PRESSURE OF OSCILLATING COMBUSTION 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 	:1020110042527 :04/05/2011 :Republic of Korea :PCT/KR2011/003949 :30/05/2011 :WO 2012/150737 :NA :NA	(71)Name of Applicant: 1)RESEARCH INSTITUTE OF INDUSTRIAL SCIENCE & TECHNOLOGY Address of Applicant: San 32 Hyoja Dong Nam ku Pohang City Kyungsangbuk do 790 330 Republic of Korea (72)Name of Inventor: 1)CHO Han Chang 2)OH Hyuk Jin 3)LEE Young Woon
- 141	:NA :NA :NA	U)ZZZ Toung Hoon

(57) Abstract:

Disclosed is a method for controlling a pressure of an oscillating 5 combustion apparatus including a plurality of oscillating control valves, which includes designating an operation order of the plurality of oscillating control valves, setting an operation interval for sequentially opening and closing the oscillating control valves in the designated order at predetermined time intervals, adjusting the operation interval according to a reaction time in 10 accordance with an interior diameter of a tube where the oscillating control valves are provided, and sequentially opening and closing the oscillating control valves in the designated order at the adjusted operation interval.

No. of Pages: 24 No. of Claims: 4

(22) Date of filing of Application :03/12/2013 (43) Publication Date: 26/12/2014

(54) Title of the invention: RANDOM PROPYLENE COPOLYMER WITH HIGH STIFFNESS AND LOW HAZE

(51) International classification: F01D5/02,F01D5/34,C08L23/14 (71)Name of Applicant:

:15/05/2012

:11167121.0 (31) Priority Document No (32) Priority Date :23/05/2011

(33) Name of priority country :EPO

(86) International Application :PCT/EP2012/058985

No

Filing Date

(87) International Publication No:WO 2012/159927

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to Application :NA Number :NA

Filing Date

1)BOREALIS AG

Address of Applicant :IZD Tower Wagramerstrae 17 19 A

1220 Vienna Austria (72)Name of Inventor: 1)POTTER Elisabeth

4)LESKINEN Pauli

2)DOSHEV Petar 3)KHEIRANDISH Saeid

5)GAHLEITNER Markus

(57) Abstract:

Process for the preparation of a propylene copolymer said process is a sequential polymerization process comprising at least two reactors connected in series wherein said process comprises the steps of (A) polymerizing in a first reactor propylene and optionally ethylene and /or a C to C a olefin obtaining a polypropylene fraction (A) (B) transferring said polypropylene fraction (A) and unreacted comonomers from the first reactor into a second reactor (C) feeding to said second reactor propylene and ethylene and /or a C4 to C12 a olefin (D) polymerizing in said second reactor and in the presence of said polypropylene fraction (A) propylene and ethylene and /or a C to C a olefin obtaining a propylene copolymer fraction (B) said polypropylene fraction (A) and said propylene copolymer fraction (B) form the propylene copolymer wherein further the temperature in the first reactor (R 1) is of more than 70 °C to equal or below 90 °C the temperature in the second reactor (R 2) is of equal or more than 80 °C to equal or below 95 °C in the first reactor (R 1) and second reactor (R 2) the polymerization takes place in the presence of a solid catalyst system (SCS) having a surface area measured according to ASTM D 3662 of less than 30 m/g and/or a pore volume measured according to ASTM 4641 of less than 1.0 ml/g wherein further said solid catalyst system comprises a transition metal selected from one of the groups 4 to 6 of the periodic table (IUPAC) a metal which is selected from one of the groups 1 to 3 of the periodic table (IUPAC) and an internal electron donor (ID) and said propylene copolymer has a melt flow rate MFR (230 °C) of equal or more than 65 to equal or below 200 g/IOmin and a comonomer content in the range of equal or more than 1.5 to equal or below 8.0 wt. %.

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

(21) Application No.10419/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :03/12/2013

:NA

(43) Publication Date: 26/12/2014

(54) Title of the invention : PROCESS FOR PRODUCING AT LEAST ONE PRODUCT FROM AT LEAST ONE GASEOUS REACTANT IN A SLURRY BED

(51) International classification :B01J8/22,B01J8/18,B01J8/28 (71)Name of Applicant : 1)SASOL TECHNOLOGY (PROPRIETARY) LIMITED (31) Priority Document No :2011/04229 Address of Applicant: 1 Sturdee Avenue Rosebank 2196 (32) Priority Date :07/06/2011 (33) Name of priority country :South Africa Johannesburg South Africa (86) International Application No :PCT/IB2012/052693 (72)Name of Inventor: Filing Date :30/05/2012 1)BREMAN Berthold Berend (87) International Publication No :WO 2012/168830 (61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to Application :NA Number

(57) Abstract:

Filing Date

A process for producing at least one product from at least one gaseous reactant includes feeding the gaseous reactant as a gaseous feed (59) or as part of a gaseous feed (59) which is at an inlet superficial gas velocity of at least 0.5 m/s into a vessel (12) holding an expanded slurry bed (70) of solid catalyst particles suspended in a suspension liquid so that the gaseous reactant can bubble upwardly through the slurry bed (70). The slurry bed (70) has a catalyst loading of less than 14% by volume of degassed slurry. The gaseous reactant is allowed to react catalytically at a pressure above atmospheric pressure as the gaseous reactant bubbles upwardly through the slurry bed (70) to produce at least one product. The product and any unreacted gaseous reactant are withdrawn from the vessel (12).

No. of Pages: 32 No. of Claims: 9

(22) Date of filing of Application :03/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: SEALED COMPRESSOR AND REFRIGERATION CYCLE DEVICE

(51) International classification :F04C18/344,F04C23/00,F04C29/12

(31) Priority Document No :2011128363 (32) Priority Date :08/06/2011

(33) Name of priority country: Japan

(86) International :PCT/JP2012/062997

Application No
Filing Date

1 C1/31 2012
:22/05/2012

(87) International Publication :WO 2012/169339

(61) Patent of Addition to Application Number :NA

Application Number
Filing Date

(22) Bidinal Application

(62) Divisional to
Application Number
Filing Date
:NA
:NA

(71)Name of Applicant:

1)Toshiba Carrier Corporation

Address of Applicant :23 17 Takanawa 3 chome Minato ku

Tokyo 1088580 Japan (72)Name of Inventor: 1)HIRAYAMA Takuya 2)MORISHIMA Akira 3)KATO Hisataka

4)TOMINAGA Takeshi

5)NAGAHATA Taishi

(57) Abstract:

A sealed compressor configured to be used in a refrigeration cycle device of an embodiment includes a rotary compression mechanism section accommodated in a sealed casing and an accumulator provided outside the sealed casing. The sealed compressor is configured to 10 suction a working fluid to the rotary compression mechanism section through at least one suction pipe extending into the accumulator and connected thereto. The rotary compression mechanism section includes at least one cylinder each forming a cylinder chamber. 15 The sealed compressor has a relation of Aac/Acy 4, Vac/Vcy > 20, and As/Acy > 0.12 when an inner diameter cross-sectional area of the accumulator is denoted by Aac (mm2), an inner diameter cross-sectional area of one cylinder chamber is denoted by Acy (mm), 20 an liquid retaining capacity to an upper end of the suction pipe inside the accumulator is denoted by Vac (cc), a total displacement volume of the rotary compression mechanism section is denoted by Vcy (cc), and a total inner diameter cross-sectional area of an 25 extension portion inside the accumulator of the suction pipe is denoted by As (mm).

No. of Pages: 38 No. of Claims: 5

(21) Application No.10009/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :21/11/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: AQUEOUS CATALYST SULFIDING PROCESS

(51) International :B01J27/043,B01J27/051,B01J23/28

classification (31) Priority Document No :61/496649

(32) Priority Date :14/06/2011(33) Name of priority country:U.S.A.

(86) International :PCT/US2012/042224

Application No
Filing Date

FC1/0S201
:13/06/2012

(87) International Publication :WO 2012/174094

(61) Patent of Addition to

Application Number Filing Date :NA

(62) Divisional to
Application Number
Filing Date
:NA
:NA

(71)Name of Applicant:

1)SHELL INTERNATIONALE RESEARCH

MAATSCHAPPIJ B.V.

Address of Applicant: Carel van Bylandtlaan 30 NL 2596 The

Hague Netherlands

(72)Name of Inventor:

1)POWELL Joseph Broun 2)SMEGAL John Anthony

3)JOHNSON Kimberly Ann

A sulfidable catalyst containing at least one metal or metal oxide is sulfided under aqueous conditions.

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

⁽⁵⁷⁾ Abstract:

(21) Application No.10441/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :03/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: PACKAGE FOR A FLUID

(51) International classification	:B65D77/20,B65D81/32	(71)Name of Applicant:
(31) Priority Document No	:2006767	1)TRENDZPAK LTD.
(32) Priority Date	:11/05/2011	Address of Applicant :Lot 42 Jalan Muhlbah 87000 Labuan
(33) Name of priority country	:Netherlands	FT Malaysia
(86) International Application No	:PCT/NL2012/050327	(72)Name of Inventor:
Filing Date	:11/05/2012	1)WILLEMSEN Louis Rinze Henricus Adrianus
(87) International Publication No	:WO 2012/154051	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention provides a package (1) for a fluid. The package (1) comprises a container body (2) provided with an opening (26) and near said opening (26) a flanged edge (5) provided with a recessed outflow channel (12). A linear weakened or broken zone (15) is provided in the flanged edge (5). A separation part can (16) be or is separated from the flanged edge (5). The package (1) further comprises a sealing foil (10) which sealingly bonds to at least a part of the flanged edge (5) including the separation part (16) thereof which sealing foil (10) covers the outflow channel (17) which outflow channel (17) is entirely provided on the side of the weakened or broken zone (15) remote from the separation part (16) wherein the sealing foil (10) has a release area (23) that extends on the inner side of the weakened or broken zone within which release area (23) at least the closed end (14) of the outflow channel (12) is located wherein the release area is bounded by a boundary line located opposite the weakened or broken zone (15) which crosses the flow channel (12).

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

(21) Application No.10442/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :03/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: RACK MODULE

:NA

:NA

(51) International classification: H05K7/16,H05K7/14,G11B33/12 (71)Name of Applicant: (31) Priority Document No :1107860.7 1)MANDA Ion (32) Priority Date :11/05/2011 Address of Applicant :Suite 650 Kemp House 152 160 City (33) Name of priority country Road London Greater London EC1V 2NX U.K. :U.K. (72)Name of Inventor: (86) International Application :PCT/GB2012/051028 1)MANDA Ion No :10/05/2012 Filing Date (87) International Publication :WO 2012/153141 (61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to Application

(57) Abstract:

Filing Date

Number

A module for mounting in a rack, the module comprising a frame and a tray, the frame being arranged such that it may be mounted to the rack, and the tray being slidably and pivotably connected to the frame, such that the tray may be moved between a first position, in which the tray is received within the frame and lies substantially parallel to the frame, and a second po¬ sition, in which the tray lies outside the frame and at an angle to the frame.

No. of Pages: 39 No. of Claims: 22

(19) INDIA

(22) Date of filing of Application :03/12/2013

(21) Application No.10443/DELNP/2013 A

(43) Publication Date: 26/12/2014

(54) Title of the invention : INDEPENDENT CONFIGURATION IDENTITIES IN A HETEROGENEOUS CELLULAR COMMUNICATION 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 	:H04W48/08 :61/483972 :09/05/2011 :U.S.A. :PCT/IB2012/052177 :01/05/2012 :WO 2012/153229 :NA :NA :NA	(71)Name of Applicant: 1)TELEFONAKTIEBOLAGET L M ERICSSON (PUBL) Address of Applicant:16483 S 16483 Stockholm Sweden (72)Name of Inventor: 1)J-NGREN George 2)PARKVALL Stefan
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(57) Abstract:

Systems and methods are disclosed for using multiple configuration groups having corresponding configuration identity (CID) parameters to configure a trans mission channel and a reception channel for a user equipment device in a cellular communication network. In one embodiment a user equipment device in a cellular communication network obtains CID values for CID parameters for a number of configuration groups. Each of the configuration groups includes one or more transmission channel or reception channel parameters. For each of the configuration groups the user equipment device configures the parameters in the configuration group based on the CID value obtained for the CID parameter for the configuration group. In this manner the transmission channel and the reception channel for the user equipment device are configured based on multiple CID values rather than a single physical layer cell identifier for a cell in which the user equipment device is located.

No. of Pages: 62 No. of Claims: 39

(22) Date of filing of Application :03/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: SYSTEMS AND METHODS FOR COOLING OF POWER ELECTRONIC DEVICES

(51) International classification :H05K7/20,H01L23/34 (71)Name of Applicant : :61/482878 1) CLEAN WAVE TECHNOLOGIES INC. (31) Priority Document No Address of Applicant :650 Castro St. Suite 120 329 Mountain (32) Priority Date :05/05/2011 (33) Name of priority country View CA 94041 U.S.A. :U.S.A. (86) International Application No :PCT/US2011/052074 (72)Name of Inventor: 1)GARRIGA Rudolph Filing Date :19/09/2011 (87) International Publication No :WO 2012/150953 2)KUBIC Michael (61) Patent of Addition to Application :NA :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract:

The invention provides systems and methods for cooling of power electronic devices with an optimized electromechanical structure. A power electronic device may comprise one or more power transistor components one or more capacitor components one or more power interconnect components that may be in electrical communication with the one or more power transistor components and the one or more capacitor components and one or more heat sink components. The one or more power transistor components and the one or more capacitor components may be in thermal communication with the one or more heat sink components and each may be located on substantially opposite sides of the one or more heat sink components such that heat may be transferred from the one or more power transistor components and the one or more capacitor components to the same one or more heat sink components.

No. of Pages: 26 No. of Claims: 18

(21) Application No.10465/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :05/12/2013 (43) Publication Date: 26/12/2014

(54) Title of the invention: PROCESS OF MAKING BETA HYDROXYAMINO COMPOUNDS

(51) International :C08G77/388,C07C213/04,A61K8/898 classification

(31) Priority Document No:61/498934 (32) Priority Date :20/06/2011 (33) Name of priority :U.S.A.

country

(86) International

:PCT/US2012/043208 Application No :20/06/2012

Filing Date

(87) International :WO 2012/177674 Publication No

(61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to :NA **Application Number** :NA Filing Date

(71)Name of Applicant:

1) THE PROCTER & GAMBLE COMPANY

Address of Applicant :One Procter & Gamble Plaza Cincinnati

Ohio 45202 U.S.A. (72)Name of Inventor:

1)KLUESENER Bernard William 2)SHUMATE Robert Edward 3)PANANDIKER Rajan Keshav 4)YELM Kenneth Edward

(57) Abstract:

The present application relates to molecules comprising one or more beta-hydroxyamine moieties, for example, aminosilicones and compositions such as consumer products comprising such molecules, as well as processes for making and using such molecules and such compositions. The aforementioned process is safer, more efficient and thus more economical. Thus, the afore mentioned moleculers may be more widely used.

No. of Pages: 33 No. of Claims: 10

(21) Application No.10466/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :05/12/2013

(43) Publication Date: 26/12/2014

(54) Title of the invention : A PROCESS TO RELOAD MOBILE PREPAID AIRTIME USING A SELF SERVICE TERMINAL ACROSS MULTIPLE TELCOS AND MULTIPLE CURRENCIES

(51) International classification	:G06Q20/18,G06Q20/32	(71)Name of Applicant:
(31) Priority Document No	:PI2011002066	1)TAN Seng Chuan
(32) Priority Date	:10/05/2011	Address of Applicant :202 Pasir Panjang Road #02 02
(33) Name of priority country	:Malaysia	Singapore 118572 Malaysia
(86) International Application No	:PCT/MY2012/000101	2)CHONG Tze Voon
Filing Date	:09/05/2012	3)LEE Chung Wah
(87) International Publication No	:WO 2012/154031	(72)Name of Inventor:
(61) Patent of Addition to Application	:NA	1)TAN Seng Chuan
Number	:NA	2)CHONG Tze Voon
Filing Date	.NA	3)LEE Chung Wah
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A system and method for purchasing and re loading airtime for a local and foreign prepaid mobile phone account are disclosed. The system comprises a plurality of payment receiving means which are connected to a wireless protocol cloud (120), for receiving an airtime purchase and reload request, and also a corresponding payment based on a selected airtime denomination. The payment receiving means are connected to a plurality of servers (140 - 142). One of the servers is the main server (142) which links the wireless pro tocol cloud (120) to a group of reloading entities (180). Al ternatively, the main server (142) may also be connected to an Internet cloud (150). Therefore, the group of reloading entities may receive the airtime purchase and reload request from the payment receiving means (100) via the Internet cloud (150) or directly from the main server (142) via a plur ality of fixed wireless terminals (FWT) (170). The group of reloading entities (180) transfer airtime to prepaid mobile phones based on the value of airtime purchased.

No. of Pages: 30 No. of Claims: 24

(22) Date of filing of Application :05/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention : SYSTEM AND METHOD FOR GENERATING AN INERTIAL RESPONSE TO A CHANGE IN THE VOLTAGE OF AN ELECTRICIAL GRID

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:14/05/2012 :WO 2012/163355 :NA	(71)Name of Applicant: 1)VESTAS WIND SYSTEMS A/S Address of Applicant: Hedeager 44 DK 8200 Aarhus N Denmark (72)Name of Inventor: 1)TARNOWSKI Germ;n Claudio
Number Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Systems, methods, and computer program products for providing an inertial response by a wind power system to power fluctuations in an electrical grid. The system includes a synthetic inertial response generator configured to generate a power offset in response to fluctuations in grid voltage. The power offset signal is generated by determining a quadrature component the grid voltage using an internal reference voltage having an angular frequency and phase angle that is synchronized to the electrical grid by a control loop. The quadrature component is used to determine a synchronous power level. A control loop error signal is pro - duced by the difference between the synchronous power level and the wind turbine system power output. Changes in the grid fre quency produce an error signal that is added to the power set point of wind turbine system output controllers to provide a power sys - tern inertial power output response.

No. of Pages: 40 No. of Claims: 18

(21) Application No.10468/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :05/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: WIND ENERGY PLANT TOWER

(51) International classification	:E04H12/08,F03D11/04	(71)Name of Applicant:
(31) Priority Document No	:10 2011 077 428.9	1)WOBBEN PROPERTIES GMBH
(32) Priority Date	:10/06/2011	Address of Applicant :Dreekamp 5 26605 Aurich Germany
(33) Name of priority country	:Germany	(72)Name of Inventor:
(86) International Application No	:PCT/EP2012/060834	1)BRENNER Albrecht
Filing Date	:07/06/2012	2)MERTENS Rene
(87) International Publication No	:WO 2012/168387	3)PAPADOPOULOS Panos
(61) Patent of Addition to Application	:NA	4)KERSTEN Roy
Number	:NA	
Filing Date	.TVA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

There is provided a wind power installation pylon comprising a plurality of pylon segments which respectively have an upper and a lower 5 horizontal flange (120, 110). At least one of the plurality of the pylon segments has at least two longitudinal flanges (130). Each longitudinal flange has a first side (131) for bearing against a first side of a further longitudinal flange and a second side (132) to which the peripheral surface (140) is welded, wherein the second side (132) is opposite to the first side 10 (131).

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

(21) Application No.10450/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :05/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: A CATHETER WITH A BALLOON

(51) International classification	:A61M25/10,A61M25/00	(71)Name of Applicant :
(31) Priority Document No	:PA 2011 70354	1)COLOPLAST A/S
(32) Priority Date	:01/07/2011	Address of Applicant :Holtedam 1 DK 3050 Humlebaek
(33) Name of priority country	:Denmark	Denmark
(86) International Application No	:PCT/DK2012/050231	(72)Name of Inventor:
Filing Date	:29/06/2012	1)NIELSEN Bo Rud
(87) International Publication No	:WO 2013/004236	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.IVA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A catheter with a balloon element is provided with ribs under the balloon element so as to prevent the balloon from being attached to the shaft of the catheter to an extent where the balloon is difficult to inflate. The number of ribs can be any number above 3 but 6 to 16 ribs are preferred.

No. of Pages: 19 No. of Claims: 11

(21) Application No.10451/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :05/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: AN OSTOMY APPLIANCE

(51) International classification	:A61F5/443	(71)Name of Applicant:
(31) Priority Document No	:PA 2011 70346	1)COLOPLAST A/S
(32) Priority Date	:30/06/2011	Address of Applicant :Holtedam 1 DK 3050 Humlebaek
(33) Name of priority country	:Denmark	Denmark
(86) International Application No	:PCT/DK2012/050237	(72)Name of Inventor:
Filing Date	:29/06/2012	1)ISRAELSON Dorrit Diana
(87) International Publication No	:WO 2013/000482	2)BUUS Hasse
(61) Patent of Addition to Application	:NA	3)KLEIN Charlotte
Number		4)HANSEN Kristoffer
Filing Date	:NA	5)EDVARDSEN Henrik
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

An ostomy appliance for attachment to a stoma the ostomy appliance comprising: an adhesive wafer (100) defining a passage for receiving a stoma of a user the adhesive wafer comprising a backing layer and a skin facing adhesive layer; and a collecting bag (116) which in use is secured to the adhesive wafer; wherein the adhesive wafer in a first adhesive zone has a first set of properties and in a second adhesive zone (104) has a second set of properties the first zone defining three or more radially extending zones wherein the second zone defines one or more interconnecting parts (110) each of which interconnects at least two of the radially extending zones (108).

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

(19) INDIA

(22) Date of filing of Application :05/12/2013

(21) Application No.10452/DELNP/2013 A

(43) Publication Date: 26/12/2014

(54) Title of the invention: AN OSTOMY APPLIANCE

(51) International classification	:A61F5/443	(71)Name of Applicant:
(31) Priority Document No	:PA 2011 70349	1)COLOPLAST A/S
(32) Priority Date	:30/06/2011	Address of Applicant :Holtedam 1 DK 3050 Humlebaek
(33) Name of priority country	:Denmark	Denmark
(86) International Application No	:PCT/DK2012/050234	(72)Name of Inventor:
Filing Date	:29/06/2012	1)KLEIN Charlotte
(87) International Publication No	:WO 2013/000480	2)BUUS Hasse
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.11/1	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

An ostomy appliance comprising an adhesive wafer (100) which comprises a first a second and a third zone (102 104 106). The third zone defines at least a part of the outer rim (110) of the adhesive wafer and the second zone encirculates the first zone.

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

(22) Date of filing of Application :05/12/2013 (43) Publication Date: 26/12/2014

(54) Title of the invention: SURFACE TREATMENT OF A METAL PART

(51) International classification :C23C8/02,C23C8/32,C23C8/38 (71)Name of Applicant : :1155358

(31) Priority Document No (32) Priority Date :17/06/2011

(33) Name of priority country :France

(86) International Application No: PCT/FR2012/051359 Filing Date :18/06/2012

(87) International Publication No: WO 2012/172270

(61) Patent of Addition to **Application Number** :NA Filing Date

(62) Divisional to Application :NA Number :NA Filing Date

:NA

1)WINOA

Address of Applicant :528 avenue de Savoie B.P. n°3 F 38570

Le Cheylas France (72)Name of Inventor:

1)PREZEAU Tony 2)MULLER Teddy 3)BARON Michel 4)SAMUEL Joan

5)DRANSART Emmanuel

(57) Abstract:

A process for the surface treatment of a metal part comprises: 5 exposing a surface (1) of the metal part to a stream of substantially spherical particles, so that any portion of said surface receives said particles along several primary incidences, the primary incidences of the particles on a portion of the surface being essentially distributed in a cone or a conical film which has an outer half apex angle between 10° and 45°, until a surface layer (3) of nanostructures 10 having an average thickness of several tens of microns is obtained, the particles having a diameter of less than 2 mm and greater than 0.1 mm and being projected at a speed between 40 m/s and 100 m/s. A thermochemical treatment is then applied, in particular a low-temperature treatment of the nitriding type or a hightemperature treatment of the low-pressurexarbonitriding type.

No. of Pages: 63 No. of Claims: 12

(22) Date of filing of Application :05/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: CRIMPED COMPOSITE FIBER AND NON WOVEN FABRIC COMPRISING SAME

(31) Priority Document No(32) Priority Date(33) Name of priority country(86) International Application	:D01F8/06,C08K5/20,C08L23/00 :2011106100 :11/05/2011 :Japan :PCT/JP2012/061977	1)MITSUI CHEMICALS INC. Address of Applicant :5 2 Higashi Shimbashi 1 chome Minato ku Tokyo 1057117 Japan (72)Name of Inventor:
No Filing Date (87) International Publication No	:10/05/2012 :WO 2012/153802	1)KAWAKAMI Yoshihisa 2)SUZUKI Kenichi 3)TOMITA Yoshihiko
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

It is an object of the present invention to obtain crimped conjugated fibers having excellent crimp properties. The present 5 invention provides a crimped conjugated fiber having a crimpable cross-sectional configuration, wherein a cross section of the fiber includes at least two portions: a portion (a) and a portion (b); the portion (a) includes an olefin polymer (A) and the portion (b) includes an olefin polymer (B); the olefin polymer (A) differs 10 from the olefin polymer (B) in at least any one of Mz/Mw, melting point and MFR; and a specific fatty acid amide is added to the olefin polymer (A) and/or the olefin polymer (B). The present invention also provides a non-woven fabric including said crimped conjugated fiber.

No. of Pages: 52 No. of Claims: 15

(21) Application No.10457/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :05/12/2013

(43) Publication Date: 26/12/2014

(54) Title of the invention: DEVICE AND METHOD FOR NON INVASIVE COLLECTION OF COLORECTAL MUCOCELLULAR LAYER AND DISEASE DETECTION

(51) International classification :G01N33/50,G01N33/574 (71)Name of Applicant : (31) Priority Document No :1107466.3

(32) Priority Date :05/05/2011

(33) Name of priority country :U.K.

(86) International Application No :PCT/GB2012/050964

Filing Date :03/05/2012

(87) International Publication No :WO 2012/150453

(61) Patent of Addition to Application :NA Number :NA Filing Date

(62) Divisional to Application Number :NA Filing Date :NA

1)DIAGNODUS LIMITED

Address of Applicant : Building 502 Babraham Research Campus Babraham Cambridgeshire CB22 3AT U.K.

(72)Name of Inventor:

1)LOKTIONOV Alexandre 2)BANDALETOVA Tatiana

3)ANDERSON Neil

(57) Abstract:

The present invention relates to a device and a method for collecting a sample of colorectal mucocellular layer excreted immediately following the natural act of defaecation from the surface of the anal area of a human subject and preservation and analysis of the collected sample for detecting diagnostically informative disease biomarkers.

No. of Pages: 57 No. of Claims: 35

(21) Application No.10458/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :05/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention : METHOD FOR THE PRODUCTION OF FLUOROMETHYL ESTERS OF ANDROSTAN 17 BETA CARBOXYLIC ACIDS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:PT105723 :26/05/2011 :Portugal	(71)Name of Applicant: 1)HOVIONE INTER. LTD Address of Applicant: Bahnhofstrasse 21 CH 6000 Lucerne 7 Switzerland (72)Name of Inventor: 1)LEITAO Emilia Perpetua Tavares 2)VENTURA Maria Rita 3)MAYCOCK Christopher
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(57) Abstract:

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

(21) Application No.10459/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :05/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: FILTERING UNIT

(51) International classification :F02M37/16,F02M37/22 (71)Name of Applicant : (31) Priority Document No :RE2011A000053 1)UFI FILTERS S.P.A (32) Priority Date :14/07/2011 Address of Applicant :

(33) Name of priority country :Italy Mantovano (MN) Italy (86) International Application No :PCT/IB2012/000507 (72)Name of Inventor

Filing Date :15/03/2012

(87) International Publication No :WO 2013/008064

(61) Patent of Addition to Application
Number
Filing Date
(62) Divisional to Application Number
Filing Date
:NA
Filing Date
:NA

1)UFI FILTERS S.P.A.
Address of Applicant :26 Via Europa I 46047 Porto

(72)Name of Inventor: 1)GIRONDI Giorgio

(57) Abstract:

A filtering unit (100) comprising: an outer casing (1) provided with at least one inlet conduit (13) for a fluid to be filtered and one outlet conduit (14) for a filtered fluid a filtering cartridge (2) received within said casing (1) so as to filter the fluid which flows from the inlet conduit (13) towards the outlet conduit (14) and a pump (3 4) for priming the fluid arranged on said outlet conduit (13) adapted to create vacuum in the volume within the casing (1); the distinctive characteristic lies in the fact of comprising a bypass conduit (15) adapted to bypass the priming pump (3 4) and intercepted by at least one automatic valve (150) adapted to open and close the bypass conduit.

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

(21) Application No.10461/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :05/12/2013 (43) Publication Date: 26/12/2014

(54) Title of the invention: VEHICLE SEAT DEVICE

(51) International classification :B60N2/46,A61G3/02,B60N2/12 (71)Name of Applicant :

:21/08/2012

(31) Priority Document No :2011199315 (32) Priority Date :13/09/2011

(33) Name of priority country :Japan

(86) International Application :PCT/JP2012/071043 No

Filing Date

(87) International Publication No: WO 2013/038876

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to Application :NA Number :NA

Filing Date

1)TOYOTA SHATAI KABUSHIKI KAISHA

Address of Applicant :100Kanayama Ichiriyama cho Kariya

shi Aichi 4480002 Japan (72)Name of Inventor: 1)HIBI Kazuhiro

(57) Abstract:

A vehicle seat apparatus (20) has a vehicle seat (21), a lift (30), and a grasping arm (60). The vehicle seat (21) moves between a vehicle interior and a vehicle exterior. The lift (30) raises and lowers the vehicle seat (21). When a user sits on the vehicle seat (21), the grasping arm (60) is stored at a position where the grasping arm (60) is used as a component of the vehicle seat (21) or within the vehicle seat (21). When the user is away from the vehicle seat (21), the grasping arm (60) is expanded outward in a width direction of the vehicle seat (21) and a height of the grasping arm (60) is changed together with a raising/lowering of the vehicle seat (21).

No. of Pages: 27 No. of Claims: 4

(22) Date of filing of Application :05/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: SLOW RELEASE PHOSPHOCEMENT

(51) International classification	:C04B12/02	(71)Name of Applicant:
(31) Priority Document No	:61/485130	1)IMI TAMI INSTITUTE FOR RESEARCH AND
(32) Priority Date	:12/05/2011	DEVELOPMENT LTD.
(33) Name of priority country	:U.S.A.	Address of Applicant :P.O. Box 10140 Haifa Bay 26111 Haifa
(86) International Application No	:PCT/IL2011/000912	Bay Israel
Filing Date	:30/11/2011	(72)Name of Inventor:
(87) International Publication No	:WO 2012/153323	1)VULTZ Eyal Yehiel
(61) Patent of Addition to Application	:NA	2)WEISSMAN Aharon
Number	:NA	3)MASSRI Bassam
Filing Date	.IVA	4)GINZBERG Eyal
(62) Divisional to Application Number	:NA	5)FRIM Ron
Filing Date	:NA	

(57) Abstract:

A mixture suitable for use in forming a magnesium silico-phosphate cement is disclosed. The mixture comprises o particles of MgO at least partially coated with an additive adapted to alter the setting time of said cement cast; a phosphate salt or acid chosen that will provide a binder product characterized by the empirical chemical formula MMgP04-6H20; and an aggregate o phase chosen from the group containing (a) CaSi0 , (b) MgSi0 , (c) Si0 2, (d) fly ash, (e) sea sand, and (f) any combination thereof. Coating the MgO particles provides better control of the alteration of the setting time and better physical properties of the set ce - ment. Methods for making the mixture and for preparing a cement cast based on the mixture are also disclosed.

No. of Pages: 21 No. of Claims: 47

(21) Application No.10464/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :05/12/2013 (43) Publication Date: 26/12/2014

(54) Title of the invention: FUEL CONDITIONING MODULES AND METHODS

(51) International classification: F02M27/02,B01J29/00,C07C1/24 (71)Name of Applicant:

(31) Priority Document No :13/156093 (32) Priority Date :08/06/2011 (33) Name of priority country :U.S.A.

(86) International Application :PCT/US2012/036994

No

:09/05/2012 Filing Date

(87) International Publication

:WO 2012/170140

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to Application :NA Number :NA

Filing Date

1)ROYCE WALKER & CO. LTD

Address of Applicant: 11586 Pierson Road West Palm Beach

FL 33414 U.S.A.

(72)Name of Inventor: 1)RATNER Joel S.

(57) Abstract:

Fuel conditioning modules that condition a combustible fuel prior to combustion are provided so that fuel to be conditioned is brought into contact with a fuel conditioning insert assembly which includes a zeolite catalyst material comprised of a mixture of zeolite particulates and rare earth metal or metal oxide particulates in a solid resin binder disposed in a housing flow through passageway such that the fuel flowing in the passageway between inlet and outlet ends of the housing contacts the fuel conditioning insert assembly. The catalytic metal is most preferably at least one selected from the group consisting of copper aluminum stainless steel titanium magnesium chromium barium calcium platinum palladium nickel bronze and iron. The zeolite catalyst material may be dispersed in the form of solid chips throughout a mass of metallic elements form of a catalytic metal.

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

(19) INDIA

(22) Date of filing of Application :05/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention : METHOD AND APPARATUS FOR CAUSING A PORTION OF AT LEAST ONE CONTENT ITEM TO BE HIGHLIGHTED RELATIVE TO ANOTHER PORTION OF THE AT LEAST ONE CONTENT ITEM DURING MOVEMENT OF THE CONTENT ITEM

(21) Application No.10481/DELNP/2013 A

(51) International classification	:G06F3/048	(71)Name of Applicant:
(31) Priority Document No	:13/160001	1)NOKIA CORPORATION
(32) Priority Date	:14/06/2011	Address of Applicant : Keilalahdentie 4 FI 02150 Espoo
(33) Name of priority country	:U.S.A.	Finland
(86) International Application No	:PCT/IB2012/052927	(72)Name of Inventor:
Filing Date	:09/06/2012	1)NURMI Mikko Antero
(87) International Publication No	:WO 2012/172467	2)SOLISMAA Jouni Tapio
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(57) A1		-

(57) Abstract:

A method is provided for causing a display of at least one content item and for enabling movement of the at least one content item. The method also causes a portion of the at least one content item to be highlighted relative to another portion of the at least one content item while the at least one content item is being moved. The portion of the at least one content item may be highlighted in various manners including by changing the brightness of the portion applying a graphical effect to the portion and/or causing movement of the portion such as by zooming the portion of the at least one content item. A corresponding apparatus and computer program product are also provided.

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

(21) Application No.10482/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :05/12/2013 (43) Publication Date: 26/12/2014

(54) Title of the invention: A RAILWAY RAIL SUPPORT PLATE

:E01B9/40,E01B9/68,B21K7/08 (71)Name of Applicant : (51) International classification

(31) Priority Document No :2011902033 (32) Priority Date :25/05/2011

(33) Name of priority country :Australia

(86) International Application No: PCT/AU2012/000587 Filing Date :25/05/2012

(87) International Publication No: WO 2012/159167

(61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to Application :NA Number :NA

1)INTERCAST & FORGE PTY LIMITED

Address of Applicant: 1 Schumacher Road Wingfield S.A.

5013 Australia

(72)Name of Inventor:

1)HARKNESS Steven

(57) Abstract:

Filing Date

This invention relates to a support plate for supporting a railway rail on a rail support member said support plate comprising a lower surface for directly or indirectly contacting a mounting surface of the rail support member an upper surface for directly or indirectly supporting the rail and an intermediate region interposing the upper and lower surfaces for reducing support plate weight.

No. of Pages: 30 No. of Claims: 25

(21) Application No.10484/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :05/12/2013 (43) Publication Date: 26/12/2014

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

(51) International :A61K9/00,A61M5/178,A61M15/00 classification

(31) Priority Document No :1155154 (32) Priority Date :14/06/2011

(33) Name of priority country: France

(86) International :PCT/FR2012/051302

Application No :11/06/2012 Filing Date

(87) International Publication :WO 2012/172243

(61) Patent of Addition to

:NA **Application Number** :NA Filing Date

(62) Divisional to :NA **Application Number** :NA

Filing Date

(71)Name of Applicant: 1)APTAR FRANCE SAS

Address of Applicant: Lieudit le Prieur F 27110 Le Neubourg

(72)Name of Inventor: 1)BRUNA Pascal 2)DAUGUET Florent 3)LANGEARD Jr'me

4)OBLIN Nicolas

(57) Abstract:

A fluid dispenser device comprising at least one reservoir containing fluid to be dispensed and dispenser means that are actuatable by a user so as to dispense the fluid through a dispenser orifice, said dispenser device 10 comprising a plurality of assembled-together component parts, at least one of said component parts (10, 20, 30, 40, 50, 60, 70, 80) including a unique marking (100) so that each individual dispenser device is identifiable and/or traceable by means of said unique marking.

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

(21) Application No.10487/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :05/12/2013

(43) Publication Date: 26/12/2014

(54) Title of the invention : A CONTAINER HANDLING AND FLOW SYSTEM USE THEREOF AND METHOD OF HANDLING CONTAINERS

(51) International classification		(71)Name of Applicant:
(31) Priority Document No	:NA	1)JAYC IP GMBH
(32) Priority Date	:NA	Address of Applicant :Mittelstrasse 12a 99425 Weimar
(33) Name of priority country	:NA	Germany
(86) International Application No	:PCT/IB2011/051994	(72)Name of Inventor:
Filing Date	:05/05/2011	1)HEROLD Jens Christian
(87) International Publication No	:WO 2012/150484	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A container handling and flow system comprising a plurality of base elements (1 31) for mounting on top of containers and fasteners for locking the base elements on to corner fittings (14) of a container. The base elements are elongate and have a length corresponding to the width of the containers to be handled said system possibly including base elements of different lengths corresponding to different container standards. The fasteners are arranged one at each end of the base element at a distance corresponding the distance between the corner fittings. The base elements have sufficient strength and stiffness for allowing the load of a second or more container(s) resting on top of or moving across a pair of base elements mounted on a first container.

No. of Pages: 38 No. of Claims: 23

(21) Application No.10488/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :05/12/2013 (43) Publication Date: 26/12/2014

(54) Title of the invention: PURIFICATION OF BIOLOGICAL PRODUCTS BY CONSTRAINED COHYDRATION **CHROMATOGRAPHY**

(51) International :B01D15/08,C07K16/06,C07K1/16

classification

:61/494669 (31) Priority Document No (32) Priority Date :08/06/2011 (33) Name of priority country: U.S.A.

(86) International Application :PCT/SG2012/000199

No :01/06/2012 Filing Date

(87) International Publication :WO 2012/169970

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to Application :NA Number

:NA Filing Date

(71)Name of Applicant:

1)AGENCY FOR SCIENCE TECHNOLOGY AND

RESEARCH

Address of Applicant :1 Fusionopolis Way #20 10 Connexis

Singapore 138632 Singapore (72)Name of Inventor: 1)GAGNON Peter Stanley

(57) Abstract:

Materials and methods for use of constrained cohydration agents in the purification of biological materials such as antibodies viruses cells and cellular organelles in connection with convective chromatography fluidized bed or co precipitation applications.

No. of Pages: 64 No. of Claims: 94

(22) Date of filing of Application :05/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: METHODS FOR REMOVING CONTAMINANTS FROM AQUEOUS SYSTEMS

(51) International classification	:C22B43/00	(71)Name of Applicant :
(31) Priority Document No	:61/484413	1)OYJ Kemira
(32) Priority Date	:10/05/2011	Address of Applicant :Porkkalankatu 3 FI 00180 Helsinki
(33) Name of priority country	:U.S.A.	Finland
(86) International Application No	:PCT/US2012/037338	(72)Name of Inventor:
Filing Date	:10/05/2012	1)MOORE Lucas
(87) International Publication No	:WO 2012/154965	2)MAHMOUDKHANI Amir
(61) Patent of Addition to Application	:NA	3)DURAND Jean Robert
Number	:NA	4)SANDERS Laura
Filing Date	.IVA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Methods for removing one or more contaminants from an aqueous stream comprising: adding one or more hydraulic binders and one or more promoters to the aqueous stream and separating the contaminants from the aqueous stream are provided. The methods may be used for removing contaminants that are arsenic based selenium based cadmium based zinc based mercury based iron based chromium based and/or phosphate based.

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

(22) Date of filing of Application :05/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: DRYER CONFIGURED TO DRY AGRICULTURAL PRODUCTS AND ASSOCIATED 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 	:F26B3/02 :61/495153 :09/06/2011 :U.S.A. :PCT/US2012/040890 :05/06/2012 :WO 2012/170408 :NA :NA :NA	(71)Name of Applicant: 1)PIONEER HI BRED INTERNATIONAL INC. Address of Applicant: 7100 N.W. 62nd Avenue Johnston Iowa 50131 1014 U.S.A. (72)Name of Inventor: 1)HUNTER James L.
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(57) Abstract:

A dryer configured to dry agricultural or non-agricultural products is provided. The dryer may include a unitary o source plenum that supplies air to compartments in which products are contained. Plenum conditioners may condition the air in the unitary source plenum through, for example, controlling the humidity, temperature, and flow rate of the air. Compartment condition ers may adjust the conditions of the air in each of the compartments. Thereby air may be efficiently pre-conditioned in the unitary source plenum, and then the conditions of the air may be adjusted to optimize drying of products in each of the compartments. Re - lated methods are also provided.

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

(21) Application No.10474/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :05/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: SELF ADHESIVE WOUND CARE PRODUCT

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:A61F13/02 :11506532 :08/07/2011 :Sweden :PCT/SE2012/050762 :02/07/2012 :WO 2013/009239 :NA :NA	(71)Name of Applicant: 1)M-LNLYCKE HEALTH CARE AB Address of Applicant: P.O Box 13080 S 40252 Gteborg Sweden (72)Name of Inventor: 1)Johannison Ulf
- 1,000000	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A self-adhesive wound care product, comprising a backing layer (1) having a self-adhesive coating, preferably a silico one-gel adhesive coating (2), the backing layer of the product comprising a first area (Al) in which the adhesive coating has a first thickness (tl), and a second area (A2, A2) along at least a portion of the edges of the product, which second area (A2) has an adhes - o ive coating having a thickness, which is less than said first thickness (tl) and which gradually decreases in a direction towards the edge (3) of the product, from a thickness (t2) which is substantially equal to said first thickness (t1) to a thickness (t3) of 0-0.05 mm; or which second area (A2) is substantially free from adhesive coating.

No. of Pages: 20 No. of Claims: 7

(19) INDIA

(22) Date of filing of Application :05/12/2013

(21) Application No.10478/DELNP/2013 A

(43) Publication Date: 26/12/2014

(54) Title of the invention: DSRNA ENDORIBONUCLEASES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:C12N9/22 :P.395178 :08/06/2011 :Poland :PCT/PL2012/050020 :07/06/2012 :WO 2012/169917 :NA :NA :NA	(71)Name of Applicant: 1)MIEDZYNARODOWY INSTYTUT BIOLOGII MOLEKULARNEJ I KOMRKOWEJ Address of Applicant :ul. Ks. Trojdena 4 PL 02 109 Warszawa Poland (72)Name of Inventor: 1)BUJNICKI Janusz Marek 2)SKOWRONEK Krzysztof Jerzy 3)PIANKA Dariusz 4)SULEJ Agata Agnieszka
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(57) Abstract:

The invention relates to a new double-stranded RNA endoribonuclease, its derivative and / or variant, which has a loop locating in and interacting with the major groove of the double-stranded RNA, exhibiting sequence specific properties in the double-stranded RNA cleavage.

No. of Pages: 69 No. of Claims: 10

(22) Date of filing of Application :05/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: PROCESS FOR PREPARING PHOSPHATE COMPOUND BEARING ISOTOPE

(51) International classification :C07H1/02,C07H21/02,C07B59/00

(31) Priority Document No :2011105722 (32) Priority Date :10/05/2011

(33) Name of priority country: Japan

(86) International Application :PCT/JP2012/061652

No :PC

Filing Date :07/05/2012

(87) International Publication :WO 2012/153704

(61) Patent of Addition to
Application Number
:NA

Filing Date

(62) Divisional to Application
Number
:NA
:NA

Filing Date

(71)Name of Applicant : 1)BONAC CORPORATION

Address of Applicant :Fukuoka BIO Factory 4F 1488 4 Aikawa machi Kurume shi Fukuoka 8390861 Japan

(72)Name of Inventor:
1)HAMASAKI Tomohiro

2)OHGI Tadaaki

(57) Abstract:

The present invention provides a process for preparing an isotope-containing phosphate compound easily. The process for preparing an isotope-containing phosphate compound according to the present invention includes the step of oxidizing a trivalent phosphorus compound with an oxidizing agent containing an isotope to synthesize a pentavalent phosphate 10 compound to which the isotope has been introduced. The present invention preferably is applied to the synthesis of nucleic acids such as DNA and RNA, for example. The isotope preferably is a stable isotope. The oxidizing agent preferably is H20, 3H-1,2-benzodithiol 3-one 1,1-dioxide having 48, or a diisopropylethylamine-borane complex having iB, for example.

No. of Pages: 46 No. of Claims: 22

(22) Date of filing of Application :05/12/2013 (43) Publication Date: 26/12/2014

(54) Title of the invention: METHOD OF METABOLIC EVOLUTION

(51) International classification: C12N15/10,C12N15/90,C12P7/26 (71) Name of Applicant:

(31) Priority Document No :61/499535 (32) Priority Date :21/06/2011

(33) Name of priority country: U.S.A.

(86) International Application No

:PCT/EP2012/061877 :20/06/2012 Filing Date

(87) International Publication

:WO 2012/175570

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to Application :NA Number :NA Filing Date

(57) Abstract:

1)EVIAGENICS S.A.

Address of Applicant :Ppini re Paris Sant Cochin 29 Rue du

Faubourg Saint Jacques F 75014 Paris France

(72)Name of Inventor: 1)PANDJAITAN Rudv

2)SEBAI Sarra

3)LUQUE Alejandro

The invention relates to a method for metabolic evolution of a variant of a natural small aromatic molecule product of a metabolic pathway by somatic in vivo assembly and recombination of said metabolic pathway employing a gene mosaic of at least one gene A which comprises a) in a single step procedure (i) transforming a cell with at least one gene A having a sequence homology of less than 99.5% to another gene to be recombined that is an integral part of the cell genome or presented in the framework of a genetic construct (ii) recombining said genes (iii) generating a gene mosaic of the genes at an integration site of a target genome wherein said at least one gene A has a single flanking target sequence either at the 5 end or 3 end anchoring to the 5 or 3 end of said integration site (iv) recombining eventual further genes of said metabolic pathway and b) selecting clones comprising said gene mosaic and said eventual further genes capable of expressing said variant methods of preparing a library of cells producing variants of natural small aromatic molecule products of a metabolic pathway the libraries so produced and used to prepare said variants.

No. of Pages: 143 No. of Claims: 24

(21) Application No.10491/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :05/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: MENISCUS COATING APPARATUS AND METHOD

(32) Priority Date :27/05/2011 Address (33) Name of priority country :U.S.A. OH 45069 U (86) International Application No :PCT/US2012/039286 (72)Name of priority country Filing Date :24/05/2012 1)PARRIF (87) International Publication No :WO 2012/166498 2)JANAY	
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(57) Abstract:

A meniscus coating apparatus and method for coating at least one surface of a metal strip includes an apparatus having an adjustable coating tray a roll enclosure disposed adjacent the coating tray an adjustable baffle and/or a gas delivery device operable to help seal the roll enclosure.

No. of Pages: 24 No. of Claims: 16

(21) Application No.10492/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :06/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: MOLECULE FOR TREATING AN INFLAMMATORY DISORDER

(51) International classification :A61K39/008,C07K14 (31) Priority Document No :11165248.3

(32) Priority Date :09/05/2011

(33) Name of priority country :EPO

(86) International Application No :PCT/EP2012/058453 Filing Date :08/05/2012

(87) International Publication No :WO 2012/152792(61) Patent of Addition to Application

Number Filing Date :NA

(62) Divisional to Application Number :NA Filing Date :NA

:A61K39/008,C07K14/44 (71)**Name of Applicant :**

1)LABORATORIOS LETI S.L.

Address of Applicant : Calle del Sol 5 E 28760 Tres Cantos

Madrid Spain

(72)Name of Inventor:

1)ALONSO BEDATE Carlos 2)SOTO ALVAREZ Manuel 3)RAMIREZ GARCIA Laura 4)CARN%S S NCHEZ Jer³nimo 5)ROM N ESCUTIA Marta

(57) Abstract:

The invention provides a L19 source as a medicament preferably forpreventing or treating an inflammatory disorder in an individual.

No. of Pages: 53 No. of Claims: 14

:WO 2013/010964

(21) Application No.10493/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :06/12/2013

(43) Publication Date: 26/12/2014

(54) Title of the invention: SUBSTITUTED QUINAZOLINES THE PREPARATION THEREOF AND THE USE THEREOF IN PHARMACEUTICAL COMPOSITIONS

(51) International classification :C07D473/06,A61K31/522 (71)Name of Applicant : (31) Priority Document No :11174266.4 (32) Priority Date :15/07/2011 **GMBH** (33) Name of priority country :EPO (86) International Application No :PCT/EP2012/063852 Filing Date :13/07/2012

(61) Patent of Addition to Application :NA Number :NA

(87) International Publication No

Filing Date (62) Divisional to Application Number :NA Filing Date

1)BOEHRINGER INGELHEIM INTERNATIONAL

Address of Applicant :Binger Strasse 173 55216 Ingelheim am

Rhein Germany

(72)Name of Inventor:

1)PFRENGLE Waldemar

2)FRANK Markus

3)KLEIN Thomas

(57) Abstract:

The present invention relates to substituted quinazolines of formula (I) wherein X and Y are defined as in claim 1 the tautomers stereoisomers mixtures and salts thereof which have valuable pharmacological properties particularly an inhibitory effect on the activity of the enzyme dipeptidylpeptidase IV (DPP IV).

No. of Pages: 38 No. of Claims: 23

(21) Application No.10494/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :06/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: ANNULAR COMBUSTION CHAMBER OF A TURBOMACHINE

(31) Priority Document No :11 (32) Priority Date :08 (33) Name of priority country :Fr (86) International Application No :PO Filing Date :04	154984 08/06/2011 France PCT/FR2012/051240 04/06/2012 WO 2012/168636 NA NA	(71)Name of Applicant: 1)TURBOMECA Address of Applicant:BP 2 F 64510 Bordes France (72)Name of Inventor: 1)CARRERE Bernard 2)SAVARY Nicolas
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(57) Abstract:

Annular combustion chamber (10) of a turbomachine having an axial direction (X) a radial direction (R) and an azimuthal direction (Y) comprising a first annular wall (12) and a second annular wall (14) each annular wall delimiting at least a part of the enclosure of the combustion chamber (10). The first annular wall (12) and the second annular wall (14) have complementary assembly means (12b 14b) that engage via azimuthal interlocking.

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

(19) INDIA

(22) Date of filing of Application :06/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: WOUND CONTACTING MEMBERS AND METHODS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:07/06/2012 :WO 2012/168678 :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)HICKS John Kenneth 2)HUDDLESTON Elizabeth Mary
Filing Date	:NA	

(21) Application No.10495/DELNP/2013 A

(57) Abstract:

Wound contacting members and methods apparatuses systems and kits incorporating the same are disclosed. The wound contacting members offer improved performance in terms of preventing or inhibiting tissue in growth and improving tissue granulation growth. The wound contacting members may be used in negative pressure wound therapy (NPWT) applications.

No. of Pages: 68 No. of Claims: 20

(19) INDIA

(22) Date of filing of Application :06/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: STEVIA COMPOSITION

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:A23L1/236 :61/499171 :20/06/2011 :U.S.A. :PCT/US2012/043294 :20/06/2012 :WO 2012/177727 :NA :NA	(71)Name of Applicant: 1)PURECIRCLE USA INC. Address of Applicant:915 Harger Road Suite 250 Oak Brook IL 60523 1492 U.S.A. (72)Name of Inventor: 1)PURKAYASTHA Siddhartha 2)MARKOSYAN Avetik 3)JOHNSON Marquita L. 4)ORTEGA Monica Moralma Garces
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(21) Application No.10496/DELNP/2013 A

(57) Abstract:

Stevia RebaudianaStevia compositions are prepared from steviol glycosides of Bertoni. The compositions are able to provide a superior taste profile and can be used as sweetness enhancers flavor enhancers and sweeteners in foods beverages cosmetics and pharmaceuticals.

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

(21) Application No.10497/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :06/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: METHOD FOR DOPING OR COLOURING CERAMICS GLASS CERAMICS OR GLASS

(51) International :C04B41/00,A61K6/027,A61K6/02

classification :CU4B41/00,A01K0/027,A01K0/

:WO 2012/156325

(31) Priority Document No :10 2011 101 661.2 (32) Priority Date :13/05/2011

(33) Name of priority country: Germany

(86) International Application :PCT/EP2012/058818

No :11/05/2012

Filing Date :11/05/2011

(87) International Publication

(61) Patent of Addition to
Application Number

:NA

Application Number
Filing Date

(62) Divisional to Application

(62) Divisional to Application Number :NA :NA

Filing Date

(71)Name of Applicant:

1)IVOCLAR VIVADENT AG

Address of Applicant :Bendererstrasse 2 FL 9494 Schaan

Liechtenstein

(72)Name of Inventor:

1)REINSHAGEN Jrg

2) CRAMER VON CLAUSBRUCH Sascha

(57) Abstract:

The invention relates to a method for doping or colouring ceramics glass ceramics or glass in which the ceramics glass ceramics or glass is/are supplied in granulate form and these granules are brought into contact with a solution that contains metal ions and/or metal complexes. This method is used in particular for the production of shaped bodies that at least partially consist of the materials named. Preferably a shaped dental ceramic article is produced in this manner.

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

(19) INDIA

(22) Date of filing of Application :06/12/2013

(21) Application No.10498/DELNP/2013 A

(43) Publication Date: 26/12/2014

(54) Title of the invention : METHOD FOR RATIONALISING A CHAIN OF ELECTRIC COMPONENTS OF AN AIRCRAFT IMPLEMENTATION ARCHITECTURE AND CORRESPONDING AIRCRAFT

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:F02C7/32,F02C7/36 :1154431 :20/05/2011 :France :PCT/FR2012/051085 :15/05/2012 :WO 2012/160294 :NA :NA	1)TURBOMECA Address of Applicant :F 64511 Bordes France (72)Name of Inventor:
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The invention relates to the execution of an architecture capable of rationalising the chain of electric components of an aircraft. The chain of components for transmitting electric power of an aircraft comprises an auxiliary power unit (APU) (10) main engines and end consumer systems (ECS) via power networks (R1 R2; LP1 LP2) and electronic links (EP1 EP2) controlled by a unit (U1). The APU (10) supplies power to a shaft (5a 5) by a link (P1 P7; 14a 15a; 14b 15b; AF1 AF4) to at least one energy conversion unit (MC1 MC2) via a gearbox (8) each conversion unit comprising only one convertible electromechanical component (13a 13b). The transmission of power takes place by a direct link to the gearbox (8) and to the end consumer system (ECS). The link between a converter unit (MC1 11a 13a; MC2 11b 13b) and the APU (10) is provided by coupling the shaft (5a 5) of the APU (10) with the shaft (14a 14b) of the starter/generator (13a 13b) by directional power transmission (RL1 RL2 RL3) operating in one direction only (F1 F2 F3) from the shaft of the APU (10) to the shaft (14a 14b) of the SG (13a 13b).

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

(21) Application No.10344/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :02/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: CHLOROPRENE RUBBER AND CHLOROPRENE RUBBER COMPOSITION

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:C08L11/00,C08C1/04,C08K5/09 :2011104104 :09/05/2011 :Japan	(71)Name of Applicant: 1)DENKI KAGAKU KOGYO KABUSHIKI KAISHA Address of Applicant: 1 1 Nihonbashi Muromachi 2 chome Chuo ku Tokyo 1038338 Japan
(86) International ApplicationNoFiling Date(87) International Publication	:PCT/JP2012/052731 :07/02/2012 :WO 2012/153552	(72)Name of Inventor: 1)YAMAGISHI Uichiro 2)ABE Yasushi
No (61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Provided is a chloroprene rubber effective in preventing mold fouling. This chloroprene rubber contains a total of 0.1 5.0 mass% of at least one of phosphorous acid ester compounds such as phosphorous acid tri(nonylphenyl) ester and phosphorous acid tributyl ester and phosphoric acid ester compounds such as phosphoric acid tri(nonylphenyl) ester and phosphoric acid tributyl ester and a total of 0.1 3.0 mass% of at least one of fatty acid compounds and sulfonic acid compounds such as benzenesulfonic acid and dodecylbenzenesulfonic acid.

No. of Pages: 31 No. of Claims: 10

(21) Application No.10345/DELNP/2013 A

Germany

(72)Name of Inventor:

2)FISCHER Jens

1)BRANDT Hendrik

1)THYSSENKRUPP MARINE SYSTEMS GMBH

Address of Applicant: Werftstrae 112 114 24143 Kiel

(19) INDIA

(22) Date of filing of Application :02/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: SUBMARINE

(51) International classification:B63B35/32,B63G8/00,E02B15/04 (71)Name of Applicant:

(31) Priority Document No :10 2011 104 122.6

(32) Priority Date :07/06/2011

(33) Name of priority country :Germany

(86) International Application :PCT/EP2012/060761

Filing Date :06/06/2012

(87) International Publication :WO 2012/168334

(61) Patent of Addition to
Application Number
Filing Date
:NA

(62) Divisional to Application
Number
Filing Date
:NA
:NA

(57) Abstract :

The invention relates to a submarine that is designed for skimming oil during a submerged operation.

No. of Pages: 18 No. of Claims: 13

(21) Application No.10347/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :02/12/2013

(43) Publication Date: 26/12/2014

(54) Title of the invention : WATER REDISPERSIBLE EPOXY POLYMER POWDER AND METHOD FOR MAKING THE SAME

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:61/500167 :23/06/2011 :U.S.A.	(71)Name of Applicant: 1)DOW GLOBAL TECHNOLOGIES LLC Address of Applicant: 2040 Dow Center Midland MI 48674 U.S.A. (72)Name of Inventor: 1)CHEN Liang 2)HONG Liang 3)SEKHARAN Manesh 4)RADLER Michael J.
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

An aqueous dispersion of epoxy resin and a redispersible epoxy polymer powder contains particles of 50 90 weight percent epoxy resin with 10 50 weight percent alkali soluble shell around the particles and 2 25 weight percent dispersing aid with weight percent based on total combined weight of epoxy resin alkali soluble polymer shell and dispersing aid.

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

(21) Application No.10348/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :02/12/2013

(43) Publication Date: 26/12/2014

(54) Title of the invention: COMPOSITION CONTAINING ASSOCIATIVE RHEOLOGY MODIFIER AND POLYMER **ENCAPSULATED PIGMENT PARTICLES**

(51) International classification :C09D5/02,C09D7/00,C09D7/12 (71)Name of Applicant:

(31) Priority Document No :61/502948 (32) Priority Date :30/06/2011

(33) Name of priority country :U.S.A.

(86) International Application No:PCT/US2012/041513

Filing Date :08/06/2012 (87) International Publication No: WO 2013/002999

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to Application :NA Number :NA

Filing Date

1)ROHM AND HAAS COMPANY

Address of Applicant :100 Independence Mall West

Philadelphia PA 19106 U.S.A.

(72)Name of Inventor:

1)BROWN Ward Thomas 2)VAN DYK Antony K.

(57) Abstract:

The present invention relates to a composition comprising an associative thickener a binder polymer encapsulated opacifying pigment particles and water. The composition of the present invention shows an improvement in opacity and S/mil in the Kubelka Munk test method over similar compositions that do not include polymer encapsulated opacifying pigment particles.

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

(21) Application No.10350/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :02/12/2013 (43) Publication Date: 26/12/2014

(54) Title of the invention: POLYSACCHARIDE AND/OR POLYPEPTIDE BASED GRAFT POLYMERS AS SYNTHETIC

TANNINS

(51) International :C08F251/00,C08F289/00,C14C3/22

classification (31) Priority Document No :1109270.7

(32) Priority Date :02/06/2011

(33) Name of priority :U.K. country

(86) International :PCT/EP2012/059825

Application No :25/05/2012 Filing Date

(87) International Publication: WO 2012/163823

No

(61) Patent of Addition to :NA **Application Number** :NA

Filing Date (62) Divisional to :NA **Application Number** :NA

Filing Date

(71)Name of Applicant:

1)LANXESS DEUTSCHLAND GMBH

Address of Applicant: Kennedyplatz 1 50569 Kln Germany

(72)Name of Inventor:

1)SONG Ma

(57) Abstract:

A graft polymer of polysaccharides or polypeptides or its respective derivatives obtainable by free radical polymerization of A) a monomer selected from or a monomer mixture of (a) from 20 to 100% by weight of acrylic acid or methacrylic acid or of a mixture thereof or of the alkali metal alkaline earth metal or ammonium salts thereof (b) from 0 to 80% by weight of other monoethylenically unsaturated monomers which are copolymerizable with the monomers (a) and (c) from 0 to 5% by weight of monomers having at least 2 ethylenically unsaturated nonconjugated double bonds in the molecule in the presence of either B1) polysaccharides oxidatively hydrolytically or enzymatically degraded polysaccharides oxidized hydrolytically degraded or oxidized enzymatically degraded polysaccharides or such chemically modified degraded products chemically modified mono oligo or polysaccharides or mixtures of the stated compounds and/or B2) polypeptides their hydrolysates or enzymatically degraded and optionally chemically modified products or mixtures of the stated compounds in a weight ratio A: (B1 or B2) of from 1:99 to 18:82 or in a weight ratio A:(B1+B2) of from 60:40 to 1:99 and B1: B2 of from 97:3 to 3:97 used as tanning agents.

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

(21) Application No.10502/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :06/12/2013

(43) Publication Date: 26/12/2014

(54) Title of the invention: TUNGSTEN CARBIDE BASED SPRAY POWDER AND A SUBSTRATE WITH A TUNGSTEN CARBIDE BASED THERMALLY SPRAYED LAYER

(51) International classification: C22C29/08, C23C4/06, F16D69/02 (71) Name of Applicant:

:31/05/2012

:WO 2012/168139

(31) Priority Document No :PCT/EP2011/059740

(32) Priority Date :10/06/2011

(33) Name of priority country :EPO

(86) International Application :PCT/EP2012/060300

No

Filing Date (87) International Publication

No

(61) Patent of Addition to :NA **Application Number** :NA

Filing Date (62) Divisional to Application :NA Number :NA

Filing Date

1)SULZER METCO WOKA GMBH

Address of Applicant : Im Vorwerk 25 36456 Barchfeld

Germany

(72)Name of Inventor: 1)REISEL Guido

2)OECHSLE Manfred

(57) Abstract:

The invention relates to a tungsten carbide based thermal spray powder and to a method for producing such a spray powder for the thermal coating of a substrate in particular for the thermal coating of a brake disc for a vehicle. According to the invention the spray powder contains apart from impurities WC in the range from 60% to 75% by weight CrC in the range from 14% to 22% by weight and Ni in the range from 11% to 23% by weight. The invention also relates to a substrate in particular a brake disc with a tungsten carbide based thermally sprayed layer and to a method for producing a thermally sprayed layer on a substrate.

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

(22) Date of filing of Application :02/12/2013

(43) Publication Date: 26/12/2014

(54) Title of the invention: ROUNDED ZINC PEROXIDE PARTICLES ROUNDED ZINC OXIDE PARTICLES MANUFACTURING METHOD THEREFOR COSMETIC MATERIAL AND HEAT DISSIPATING FILLER

(51) International

:C01B15/047,A61K8/27,A61Q17/04

classification (31) Priority Document No

:2011130580

(32) Priority Date

:10/06/2011

(33) Name of priority country

:Japan

(86) International

:PCT/JP2012/064777

Application No

:08/06/2012

Filing Date

(87) International Publication: WO 2012/169611

No

(61) Patent of Addition to

Application Number

:NA :NA

Filing Date (62) Divisional to

:NA

:NA

Application Number Filing Date

(71)Name of Applicant:

1)SAKAI CHEMICAL INDUSTRY CO. LTD.

Address of Applicant: 5 2 Ebisujima cho Sakai ku Sakai shi

Osaka 5908502 Japan

(72)Name of Inventor:

1)SUEDA Satoru

2)TERABE Atsuki 3)HASHIMOTO Mitsuo

4)MAGARA Koichiro

5)KOBAYASHI Keita

(57) Abstract:

An object of the present invention is to provide rounded zinc peroxide particles having a large particle diameter, the rounded zinc peroxide particles having excellent performance because they have an average particle diameter of 0.04 jxm or 10 more, a small aspect ratio and a shape close to a spherical shape; rounded zinc oxide particles which are obtained by calcinating the rounded zinc peroxide particles and which have a small aspect ratio and a sharp particle size distribution; a method for production thereof; and a cosmetic and a heat releasing 15 filler each containing the rounded zinc oxide particles. Provided are rounded zinc peroxide particles having an average particle diameter of 0.04 |xm or more and an aspect ratio of 2.0 or less, and rounded zinc oxide particles which are obtained by thermally decomposing the rounded zinc peroxide 20 particles and which have an average particle diameter of 0.04 \Ma or more and an aspect ratio of 2.0 or less.

No. of Pages: 48 No. of Claims: 9

(21) Application No.10368/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :02/12/2013 (43) Publication Date: 26/12/2014

(54) Title of the invention: MICROBICIDE COMBINATIONS CONTAINING SILVER

(51) International :A01N59/16,A01N41/10,A01P1/00

classification

(31) Priority Document No :61/503637 (32) Priority Date :01/07/2011 (33) Name of priority country: U.S.A.

(86) International Application :PCT/US2012/044785

No :29/06/2012 Filing Date

(87) International Publication :WO 2013/006396

No

(61) Patent of Addition to **Application Number** :NA

(62) Divisional to Application :NA Number :NA

Filing Date

Filing Date

(71)Name of Applicant:

1) ROHM AND HAAS COMPANY

Address of Applicant :100 Independence Mall West

Philadelphia PA 19106 U.S.A. (72)Name of Inventor:

1)GHOSH Tirthankar 2)PAREEK Kiran

(57) Abstract:

A synergistic microbicidal composition. The composition comprises: (a) silver ion; and (b) diiodomethyl p tolylsulfone; wherein a weight ratio of silver to diiodomethyl p tolylsulfone is from 1: 1/0.008 to 1/0.1 1/0.13 to 1/8 or 1/120 to 1/280.

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

(22) Date of filing of Application :02/12/2013

(43) Publication Date: 26/12/2014

(54) Title of the invention : DEVICE FOR MECHANICALLY BREAKING UP CONGLOMERATES OF MATERIALS OF DIFFERING DENSITY AND/OR CONSISTENCY

(51) International :B02C13/14,B02C13/20,B02C13/282

classification

(31) Priority Document No :10 2011 050 789.2

(32) Priority Date

:01/06/2011

(33) Name of priority country

:Germany

(86) International

:PCT/EP2012/001603

Application No Filing Date

:04/04/2012

(87) International

:WO 2012/171597

Publication No (61) Patent of Addition to

:NA :NA

Application Number Filing Date (62) Divisional to

:NA :NA

Application Number Filing Date

(71)Name of Applicant:

1)TARTECH eco industries AG

Address of Applicant :Unter den Linden 32 34 10117 Berlin

Germany

(72)Name of Inventor: 1)GRONHOLZ Claus

012/171597

(57) Abstract:

The iavention relates to a device for mechanically breaking up conglomerates of materials with differing density and/or consistency, which has a breaking-up chamber with a feed opening (14) at a first end and an outlet opening (10) at a second end, wherein the breaking-up chamber has at least two portions (7, 8, 9) which follow one another in the axial direction and are surrounded by a breaking-up chamber wall (2) in the form of a cylinder or shell of a truncated cone, wherein in each of the portions (7, 8, 9) there is respectively arranged at least one rotor (4, 5, 6) with a rotor shell (17, 18, 19) and beating tools (10, 21, 22, 23, 24, 25) extending radially from the rotor shell (17,18, 19) into the breaking-up chamber, wherein the rotor shells (17, 18, 19) of the rotors (4, 5, 6) in the portions (7, 8, 9) following one another from the first end to the second end have a radius that increases towards the second end, and a difference between the radius of the respective rotor shell (4, 5, 6) and a radius of the breaking-up chamber wall (2) decreases from the first end to the second end, and wherein the rotors (4, 5, 6) can be driven such that a direction of rotation of the rotor (6) ia the portion (9) proximate to the second end is opposite to a direction of rotation of the rotor (5) m the portions (7, 8, 9) from the first end to the second end.

No. of Pages: 27 No. of Claims: 18

(22) Date of filing of Application :06/12/2013 (43) Publication Date: 26/12/2014

(54) Title of the invention: BRANCHED POLYAMIDE

(51) International :C08G69/26,C08G69/28,C08G69/30

classification

(31) Priority Document No :11005403.8 (32) Priority Date :01/07/2011

(33) Name of priority country: EPO

(86) International :PCT/EP2012/062328

Application No :26/06/2012 Filing Date

(87) International Publication :WO 2013/004548

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to :NA Application Number :NA Filing Date

(71)Name of Applicant: 1)DSM IP ASSETS B.V.

Address of Applicant: Het Overloon 1 NL 6411 TE Heerlen

Netherlands

(72)Name of Inventor:

1)KUKALYEKAR Nileshkumar Prakash

2)WANG Zhujuan 3) RULKENS Rudy

4)LIGTHART Godefridus Bernardus Wilhelmus Leonardus

(57) Abstract:

The invention relates to a branched polyamide prepolymer obtained or obtainable by polymerization of a polyamide forming monomer mixture, comprising AA-BB repeat units and branching units derived from diamines (monomer A) dicarboxylic acids (monomer B), and/or a salt of A and B, and a higher functional monomer (monomer C) present in a molar amounts defined by 00 formula I and formula II: MC = (Q / FC) (MA + MB) (Formula I) and R = ((MA2) + (MCFCA)) / ((MB2) + (MCFCB)) (For mula II) wherein -MA, MB and MC represent the molar amounts of repeat units derived from the monomers A, B and C, respect - ively; - FC represent the functionality of monomer C, and is equal to FC-A + FC-B; - FC-A is the number of the amino functional o groups comprised by monomer C; - FC-B is the number of carboxyl functional groups or precursor groups thereof comprised by monomer C; - Q is a number in the range of 0.06 - 1.00; and - R is a number in the range of 0.7 - 1.3, which polyamide prepolymer has a viscosity number (VN), measured according to ISO 307, in the range of 7 -30 m L/g. The invention also relates to a process o for preparing a branched polyamide polymer, comprising (1) a melt-mixing step wherein an essentially linear polyamide (pre)polymer and a branched polyamide prepolymer are provided to and mixed and heated in a melt mixing apparatus, thereby forming a mixed melt, and the mixed melt being cooled, thereby forming a solid mixture; and (2) a solid state post condensation step wherein o the solid mixture is postcondensed at elevated temperature in the solid state, thereby forming a high molecular weight branched polyamide polymer.

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

(21) Application No.10513/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :06/12/2013 (43) Publication Date: 26/12/2014

(54) Title of the invention: AUSTENITIC STAINLESS STEEL PIPE

(51) International classification: C22C38/00,C22C38/40,C21D7/06 (71) Name of Applicant:

(31) Priority Document No :2011142544 (32) Priority Date :28/06/2011

(33) Name of priority country: Japan

(86) International Application :PCT/JP2012/063590

No

:28/05/2012 Filing Date

(87) International Publication

:WO 2013/001956

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to Application :NA Number :NA

Filing Date

1)NIPPON STEEL & SUMITOMO METAL

CORPORATION

Address of Applicant: 6 1 Marunouchi 2 chome Chiyoda ku

Tokyo 1008071 Japan

(72)Name of Inventor: 1)NISHIYAMA Yoshitaka

2)YONEMURA Mitsuharu

(57) Abstract:

The present invention provides an austenitic stainless steel pipe having excellent steam oxidation resistance. The steel pipe according to the present invention is an austenitic stainless steel pipe containing 14 28 mass% of Cr and 6 30 mass% of Ni wherein a metal tissue having an average dislocation density of 3.0—10/m or greater said average dislocation density being determined by XRD measurement using a Co bulb is provided in the inner surface side of the steel pipe. The crystal grain size of the steel pipe is preferably 50 µm or less. The steel pipe according to the present invention is appropriate as a steel pipe to be used in a power plant.

No. of Pages: 29 No. of Claims: 3

(22) Date of filing of Application :06/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: FILTER FACILITY AND METHOD FOR OPERATING A FILTER FACILITY

(51) International classification :B05B15/12,B01D46/00 (71)Name of Applicant : 1)DRR SYSTEMS GMBH (31) Priority Document No :10 2011 079 951.6 Address of Applicant: Carl Benz Strasse 34 74321 Bietigheim (32) Priority Date :27/07/2011 (33) Name of priority country :Germany Bissingen Germany (72)Name of Inventor: (86) International Application No :PCT/EP2012/058167 Filing Date :03/05/2012 1)HOLLER Sebastian (87) International Publication No :WO 2013/013848 2)KIRSCHKE Cord (61) Patent of Addition to Application 3)WIELAND Dietmar :NA 4) ULLMER Andreas :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract:

The aim of the invention is to produce a filter facility comprising a filter device for cleaning a crude gas flow loaded with paint overspray by which means a material saving efficient filter operation can be carried out the filter device comprising a filter element on which paint overspray from the crude gas flow loaded with paint overspray is deposited together with the auxiliary filter material supplied to the crude gas flow a receiving container for receiving a paint overspray and auxiliary filter material system and a removal device for removing at least part of the paint overspray and auxiliary filter material system from the receiving container. To this end the filter facility comprises a reconditioning device for reconditioning the paint overspray and auxiliary filter material system.

No. of Pages: 62 No. of Claims: 16

(22) Date of filing of Application :06/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: METHOD FOR MANUFACTURING OPTICALLY ACTIVE CARBOXYLIC ACID ESTER

(51) International classification :C07C67/08,B01J31/02,C07C67/48

(31) Priority Document No :2011130572 (32) Priority Date :10/06/2011

(33) Name of priority country: Japan

(86) International Application :PCT/JP2012/064647

Filing Date :07/06/2012

(87) International Publication :WO 2012/169575

No (61) Patent of Addition to

Application Number Filing Date :NA

(62) Divisional to Application
Number
Filing Date
:NA

(71)Name of Applicant :

1)TOKYO UNIVERSITY OF SCIENCE EDUCATIONAL FOUNDATION ADMINISTRATIVE ORGANIZATION

Address of Applicant :1 3 Kagurazaka Shinjuku ku Tokyo

1628601 Japan

(72)Name of Inventor: 1)SHIINA Isamu 2)NAKATA Kenya

3)ONO Keisuke

(57) Abstract:

A method that manufacturers an optically active carboxylic acid ester at high yield and high enantioselectivity is provided. An optically active carboxylic acid ester is manufactured at high yield and high enantioselectivity by reacting a racemic carboxylic acid and a specific alcohol or phenol derivatives in a polar solvent having a dipole moment of 3.0 or higher in the presence of an acid anhydride and an asymmetric catalyst esterifying one enantiomer of the racemic carboxylic acid at high selectivity and increasing the amount of esterified carboxylic acid by racemizing the optically active carboxylic acid which is the other enantiomer not used in esterification.

No. of Pages: 74 No. of Claims: 4

(21) Application No.10517/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :06/12/2013 (43) Publication Date: 26/12/2014

(54) Title of the invention: IMPROVEMENTS IN WASTE PROCESSING

(51) International classification :C10J3/00,F27B7/16,F27B7/36 (71)Name of Applicant :

(31) Priority Document No :1109468.7 (32) Priority Date :07/06/2011

(33) Name of priority country :U.K.

(86) International Application No :PCT/GB2012/000457

Filing Date :23/05/2012 (87) International Publication No :WO 2012/168675

(61) Patent of Addition to $\cdot NA$ **Application Number** :NA Filing Date

(62) Divisional to Application :NA Number :NA

Filing Date

1) CHINOOK END STAGE RECYCLING LIMITED

Address of Applicant :No. 1 Nottingham Science Park Jesse Boot Avenue University Boulevard Nottingham Nottinghamshire

NG7 2RU U.K.

(72)Name of Inventor: 1)CHALABI Rifat Al 2)PERRY Ophneil Henry

3)TURNER John

(57) Abstract:

Apparatus for pyrolysing or gasifying the organic content of material including organically coated waste biomass industrial waste municipal solid waste and sludge having organic content; the apparatus comprising: an oven having a rotatable portion comprising a treatment chamber adapted to receive material for treatment; a plurality of gas inlets in at least one wall (5) of the treatment chamber through which hot gases are introduced to the treatment chamber to heat the material therein so as to cause the organic components thereof to pyrolyse or gasify; and a plurality of pockets (8) having open faces turned inwardly towards the inside of the treatment chamber on at least one wall of the rotatable portion such that in use material being pyrolysed or gasified can be received from the treatment chamber into the plurality of pockets (8) via said open faces and be substantially retained therein through an initial rotation of the oven of less than 90 degrees.

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

(22) Date of filing of Application :06/12/2013 (43) Publication Date: 26/12/2014

(54) Title of the invention: MIXTURES OF REACTIVE DYES AND THEIR USE

(51) International :C09B62/44,C09B62/513,C09B62/533 classification

(31) Priority Document No :11176525.1 :04/08/2011 (32) Priority Date

(33) Name of priority

country

:EPO

(86) International :PCT/EP2012/061643 Application No

:19/06/2012 Filing Date

(87) International

:WO 2013/017331 Publication No

(61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to :NA **Application Number** :NA (71)Name of Applicant:

1)HUNTSMAN ADVANCED MATERIALS

(SWITZERLAND) GMBH

Address of Applicant :Legal Services Department

Klybeckstrasse 200 CH 4057 Basel Switzerland

(72)Name of Inventor: 1)ROENTGEN Georg 2)TZIKAS Athanassios

3)CHRISTNACHER Hubert Jean Luc

4)FEKETE Laszlo

(57) Abstract:

Filing Date

Dye mixtures comprising at least one reactive dye of the formula (1) together with at least one reactive dye of the for mula (2), wherein one of the radicals A and B denotes NH2, and the other one of the radicals A and B denotes OH, D is a benzene or naphthalene radical, Ri is hydrogen, hydroxy, sulfo, Ci-C4alkyl or Ci-C4alkoxy unsubstituted or substituted in the alkyl moiety by o hydroxy or by sulfate, R2 is hydrogen, Ci-C4alkyl, Ci-C4alkoxy, C2-C4alkanoylamino or ureido, R is Ci-C4alkyl, (R4)o-2 denotes 0 to 2 identical or different substituents selected from the group Ci-C4alkyl, Ci-C4alkoxy or sulfo, Xlis halogen, 3-carboxypyridin-l-yl or o 3-carbamoylpyridin-l-yl, Yi, Y2, Y3, and are each independently of the other vinyl or a radical -CH 2CH2-U and U is a group removable under alkaline conditions, h, k, 1, m and n are each independently of the other the number 0, 1 or 2, and p and q are each independently of the other the number 0 or 1, are suitable for dyeing and printing cellulosic or nitrogen-containing fibre materials.

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

(10) DIDIA

(21) Application No.10505/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :06/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: ELECTRICAL CONTACT

(51) International classification	:H01R4/24	(71)Name of Applicant:
(31) Priority Document No	:P201130948	1)SIMON S.A.U.
(32) Priority Date	:08/06/2011	Address of Applicant :Diputaci ³ n 390 392 08013 Barcelona
(33) Name of priority country	:Spain	Spain
(86) International Application No	:PCT/ES2012/000028	(72)Name of Inventor:
Filing Date	:14/02/2012	1)MORET CODINA Ma. Cristina
(87) International Publication No	:WO 2012/168503	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The invention relates to an electrical contact (1) for a screwless type terminal that makes it possible to connect electrical leads (8) with or without insulated ends (8a) due to the special shape of both the contact wall (9) thereof with the corresponding contact edge (10) and of the elastic arm thereof (10) in front of the contact wall (9) with at least one flexion point (12) and forming an angle (a) between 90° and 180° between the two ends of said elastic arm (11). In addition said shape makes it possible to extend (a) the cutoff effected by the contact edges (10) thus breaking the potential small insulating film that could appear during the cutoff.

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

(22) Date of filing of Application :06/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: LPCS FORMED COMPOSITE CURRENT COLLECTOR AND METHODS THEREFOR

:H01M4/02,H01M2/20 (71)Name of Applicant : (51) International classification (31) Priority Document No 1)East Penn Manufacturing Co. :61/485984 (32) Priority Date Address of Applicant :P.O. Box 147 Deka Road Lyon Station :13/05/2011 (33) Name of priority country Pennsylvania 19536 0147 U.S.A. :U.S.A. (86) International Application No (72)Name of Inventor: :PCT/US2012/037469 1)LEV Frank Filing Date :11/05/2012 (87) International Publication No :WO 2012/158499 (61) Patent of Addition to Application :NA :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract:

Contemplated lead acid batteries include a monolithic lead/lead alloy composite foil that is preferably formed by cladding mechanically unstressed lead and lead alloy foils. In such batteries a light weight non conductive grid is placed onto the lead alloy side of the composite foil which is most preferably pre treated with a lead containing adhesive that improves retention of the grid and improves retention and intimate electric contact of the positive active material.

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

(19) INDIA

(22) Date of filing of Application :06/12/2013

(21) Application No.10508/DELNP/2013 A

(43) Publication Date: 26/12/2014

(54) Title of the invention: A TRANSACTION REWARD 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 	:18/04/2012 :WO 2012/169968 :NA :NA	(71)Name of Applicant: 1)ONEEMPOWER PTE LTD Address of Applicant: 11 Changi South Lane #04 01 Onn Wah Building Singapore 486154 Singapore (72)Name of Inventor: 1)FUNG Ho Chung Nicholas 2)SANG Chu Yong
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The present disclosure provides a transaction reward system comprising a reward and transaction processor system. The transaction reward system further comprises a reward interface for receiving reward redemption information from a purchaser and communicating the reward redemption information to the reward and transaction processor system. In addition the transaction reward system comprises a transaction interface for receiving information concerning a purchase from a retail processor associated with a retailer. The transaction reward system is arranged such that the purchaser can select at least a portion of an available reward for a purchase and the reward and transaction processor system is arranged to offset the selected reward against a cost of the purchase in accordance with the reward redemption information.

No. of Pages: 36 No. of Claims: 46

(21) Application No.10357/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :02/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: ORGANIC SEMICONDUCTOR COMPOSITIONS

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:H01L51/00 :1109075.0 :31/05/2011	(71)Name of Applicant: 1)SMARTKEM LIMITED Address of Applicant: Floor 10 Hexagon Tower Delaunays Pead Pleakley Manchester Greater Manchester MO 87A LLV
 (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:U.K. :PCT/GB2012/051213 :30/05/2012 :WO 2012/164282 :NA :NA	Road Blackley Manchester Greater Manchester M9 8ZA U.K. (72)Name of Inventor: 1)GRIFFITHS Russell Jon
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The present invention relates to organic semiconductor compositions and organic semiconductor layers and devices comprising such organic semiconductor compositions. The invention is also concerned with methods of preparing such organic semiconductor compositions and layers and uses thereof. The invention has application particularly in the field of displays such as organic field effect transistors (OFETS) integrated circuits organic light emitting diodes (OLEDS) photodetectors organic photovoltaic (OPV) cells sensors lasers memory elements and logic circuits.

No. of Pages: 62 No. of Claims: 54

(21) Application No.10358/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :02/12/2013

(43) Publication Date: 26/12/2014

(54) Title of the invention: FORMULATIONS OF AMIKACIN AND FOSFOMYCIN COMBINATIONS AND METHODS AND SYSTEMS FOR TREATMENT OF VENTILATOR ASSOCIATED PNEUMONIA (VAP) AND VENTILATOR ASSOCIATED TRACHEAL (VAT) BRONCHITIS

(51) International :A61K9/00,A61K31/665,A61K31/7036 classification (31) Priority Document

:61/572225

(32) Priority Date :12/07/2011 (33) Name of priority :U.S.A.

country

(86) International

:PCT/US2012/046559 Application No :12/07/2012

Filing Date

(87) International Publication No

:WO 2013/010041

(61) Patent of Addition to :NA Application Number :NA Filing Date (62) Divisional to :NA Application Number :NA Filing Date

(71)Name of Applicant:

1)CARDEAS PHARMA INC.

Address of Applicant :2025 First Avenue Suite 1200 Seattle

Washington 98121 U.S.A.

(72)Name of Inventor:

1)MONTGOMERY Alan Bruce

(57) Abstract:

The present invention is antibiotic compositions ventilator based systems and methods relating to ventilator associated pneumonia (VAP) and ventilator associated tracheal (VAT) bronchitis. Antibiotic combinations of fosfomycin and an aminoglycoside preferably amikacin are administered via an in line nebulizer within the airway of the ventilator. Humidified conditions create an improved aerosol mist to treat VAP and VAT.

No. of Pages: 46 No. of Claims: 42

(19) INDIA

(22) Date of filing of Application :02/12/2013

(21) Application No.10359/DELNP/2013 A

(43) Publication Date: 26/12/2014

(54) Title of the invention: SELF CONTAINED MARINE RISER FAIRING

(87) International Publication No :WO 2012/173932 (61) Patent of Addition to Application Number :NA :NA :NA	 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:E21B17/01 :61/496631 :14/06/2011 :U.S.A. :PCT/US2012/041915 :11/06/2012	(71)Name of Applicant: 1)TRANSOCEAN SEDCO FOREX VENTURES LIMITED Address of Applicant: C/O TODDI AT 4 GREENWAY PLAZA, HOUSTON, TX 77046, UNITED STATES OF AMERICA; Cayman Island (72)Name of Inventor:
Filing Date :NA	 (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:WO 2012/173932 :NA :NA :NA	

(57) Abstract:

A storage system for a marine riser fairing that would be semi permanently attached to a slick joint or imbedded in a section of a buoyancy or encapsulation module in such a manner that it would eliminate the need to remove the fairing when pulling the riser out of the water and stowing it in the riser bay.

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

(22) Date of filing of Application :06/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: METHOD AND DEVICE FOR DETERMINING A SUITABILITY OF A ROUTE

(51) International classification	:G01C21/34	(71)Name of Applicant:
(31) Priority Document No	:10 2011 077 941.8	1)ROBERT BOSCH GMBH
(32) Priority Date	:22/06/2011	Address of Applicant :Postfach 30 02 20 70442 Stuttgart
(33) Name of priority country	:Germany	Germany
(86) International Application No	:PCT/EP2012/058902	(72)Name of Inventor:
Filing Date	:14/05/2012	1)VOGEL Andreas
(87) International Publication No	:WO 2012/175254	
(61) Patent of Addition to Application	.NI A	
Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The invention relates to a method for determining a suitability of a route comprising a plurality of legs for being driven by a driver of a vehicle. The method comprises a step of determining a fatigue prediction value which predicts fatigue of the driver of the vehicle for at least one leg of the route. The method also comprises a step for carrying out a comparison of the fatigue prediction value with a maximum fatigue value associated with the at least one leg of the route. Finally the method comprises a step of weighting the route using a fatigue weighting that is dependent on the comparison in order to determine the suitability of the route for being driven by the driver.

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

(22) Date of filing of Application :06/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: QUINONE COMPOUNDS FOR TREATING APE1 MEDIATED DISEASES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:C07C50/02 :61/490141 :26/05/2011 :U.S.A. :PCT/US2012/039529 :25/05/2012 :WO 2012/162589 :NA :NA :NA	(71)Name of Applicant: 1)INDIANA UNIVERSITY RESEARCH AND TECHNOLOGY CORPORATION Address of Applicant:351 West Tenth Street Indianapolis Indiana 46202 U.S.A. 2)APEX THERAPEUTICS INC. (72)Name of Inventor: 1)KELLEY Mark R 2)WIKEL James Howard
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(57) Abstract:

The invention described herein pertains to compounds and compositions for treating Apel mediated diseases. In par ticular, the invention described herein pertains to quinone compounds and pharmaceutical compositions containing them for treating Apel mediated diseases.

No. of Pages: 32 No. of Claims: 29

(21) Application No.10534/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :06/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: VIRUS LIKE PARTICLES AND PROCESS FOR PREPARING SAME

(51) International classification :C12N7/01,A61K39/12,A61P31/14

:WO 2012/155262

(31) Priority Document No :61/485955 (32) Priority Date :13/05/2011

(32) Priority Date :13/05/201 (33) Name of priority country :U.S.A.

(86) International Application :PCT/CA2012/050279

No :01/05/2012

Filing Date

(87) Intermediated Publication

(87) International Publication

(61) Patent of Addition to
Application Number
:NA

Application Number
Filing Date
(62) Divisional to Application

(62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

(71)Name of Applicant: 1)FOLIA BIOTECH INC.

Address of Applicant :2750 rue Einstein Suite 330 Qubec

Qubec G1P 4R1 Canada (72)Name of Inventor:
1)LECLERC Denis
2)SAVARD Pierre

An in vitro process of preparing virus-like particles (VLPs) from recombinant papaya mosaic virus coat protein and ssRNA, which allows for large scale production of VLPs in high yields, is provided. Also provided are VLPs comprising ssRNA prepared by the in vitro process. The VLPs can be used as adjuvants and when fused to an antigen, as vaccines. The use of the VLPs for stimulation of

No. of Pages: 110 No. of Claims: 44

the innate immune response is also provided.

(22) Date of filing of Application :06/12/2013

(43) Publication Date: 26/12/2014

(54) Title of the invention : DEVICE FOR THE PURIFICATION OF EXHAUST GASES FROM A HEAT ENGINE COMPRISING A CERAMIC CARRIER AND AN ACTIVE PHASE CHEMICALLY AND MECHANICALLY ANCHORED IN THE CARRIER

(51) International classification: B01J35/08,B01J35/10,C04B38/06		(71)Name of Applicant:
(31) Priority Document No	:1155682	1)LAIR LIQUIDESOCIETE ANONYME POUR LETUDE
(32) Priority Date	:27/06/2011	ET LEXPLOITATION DES PROCEDES GEORGES
(33) Name of priority country	:France	CLAUDE
(86) International Application No Filing Date	:PCT/EP2012/060908 :08/06/2012	Address of Applicant :75 Quai dOrsay F 75007 Paris France 2)CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE
(87) International Publication No	:WO 2013/000684	3)UNIVERSITE DE LIMOGES (72)Name of Inventor :
(61) Patent of Addition to Application Number Filing Date	:NA :NA	1)DEL GALLO Pascal 2)ROSSIGNOL Fabrice 3)CHARTIER Thierry
(62) Divisional to Application Number Filing Date	:NA :NA	4)FAURE Raphael 5)GOUDALLE Sbastien 6)BONHOMME Claire

(57) Abstract:

The invention relates to a device for the purification of exhaust gases from a heat engine including: one or more ceramic catalyst carriers comprising an arrangement of crystallites having the same size the same isodiametric morphology and the same chemical composition or essentially the same size the same isodiametric morphology and the same chemical composition in which each crystallite is in point contact or almost in point contact with the surrounding crystallites; and one or more active phases for the chemical destruction of impurities in the exhaust gas comprising metal particles that interact chemically with the ceramic catalyst carrier and are mechanically anchored in said catalyst carrier such that the coalescence and mobility of each particle are limited to a maximum volume corresponding to that of a crystallite of the ceramic catalyst carrier.

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

(22) Date of filing of Application :06/12/2013

(43) Publication Date: 26/12/2014

(54) Title of the invention : DEVICE FOR THE PURIFICATION OF EXHAUST GASES FROM A HEAT ENGINE COMPRISING A CERAMIC CARRIER AND AN ACTIVE PHASE MECHANICALLY ANCHORED IN THE CARRIER

(51) International classification :B01J35/08,B01J35/10,C04B38/06		(71)Name of Applicant:
(31) Priority Document No	:1155688	1)LAIR LIQUIDESOCIETE ANONYME POUR LETUDE
(32) Priority Date	:27/06/2011	ET LEXPLOITATION DES PROCEDES GEORGES
(33) Name of priority country	:France	CLAUDE
(86) International Application No Filing Date	:PCT/EP2012/060904 :08/06/2012	Address of Applicant :75 Quai dOrsay F 75007 PARIS France 2)CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE
(87) International Publication No	:WO 2013/000683	3)UNIVERSITE DE LIMOGES (72)Name of Inventor :
(61) Patent of Addition to Application Number Filing Date	:NA :NA	1)DEL GALLO Pascal 2)ROSSIGNOL Fabrice 3)CHARTIER Thierry
(62) Divisional to Application Number Filing Date	:NA :NA	4)FAURE Raphael 5)GOUDALLE Sbastien 6)BONHOMME Claire

(57) Abstract:

The invention relates to a device for the purification of exhaust gases from a heat engine including: one or more ceramic catalyst carriers comprising an arrangement of crystallites having the same size the same isodiametric morphology and the same chemical composition or essentially the same size the same isodiametric morphology and the same chemical composition in which each crystallite is in point contact or almost in point contact with the surrounding crystallites; and one or more active phases for the chemical destruction of impurities in the exhaust gas comprising metal particles that are mechanically anchored in the catalyst carrier such that the coalescence and mobility of each particle are limited to a maximum volume corresponding to that of a crystallite of the ceramic catalyst carrier.

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

(22) Date of filing of Application :06/12/2013

(43) Publication Date: 26/12/2014

(54) Title of the invention : DEVICE FOR PURIFYING EXHAUST GASES FROM A HEAT ENGINE COMPRISING A CATALYTIC CERAMIC SUPPORT COMPRISING AN ARRANGEMENT OF ESSENTIALLY IDENTICAL CRYSTALLITES

(51) International classification :B01J35/08,B01J35/10,C04B38/06		(71)Name of Applicant:
(31) Priority Document No	:1155683	1)LAIR LIQUIDESOCIETE ANONYME POUR LETUDE
(32) Priority Date	:27/06/2011	ET LEXPLOITATION DES PROCEDES GEORGES
(33) Name of priority country	:France	CLAUDE
(86) International Application No Filing Date	:PCT/EP2012/060901 :08/06/2012	Address of Applicant :75 Quai dOrsay F 75007 Paris France 2)CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE
(87) International Publication No	:WO 2013/000682	3)UNIVERSITE DE LIMOGES (72)Name of Inventor :
(61) Patent of Addition to Application Number Filing Date	:NA :NA	1)DEL GALLO Pascal 2)ROSSIGNOL Fabrice 3)CHARTIER Thierry
(62) Divisional to Application Number Filing Date	:NA :NA	4)FAURE Raphael 5)GOUDALLE Sbastien 6)BONHOMME Claire

(57) Abstract:

The invention relates to a device for purifying exhaust gases from a heat engine comprising a catalytic ceramic support comprising an arrangement of crystallites of the same size same isodiametric morphology and same chemical composition or essentially the same size same isodiametric morphology and same chemical composition wherein each crystallite is in contact at certain points or almost in contact at certain points with surrounding crystallites and whereon at least one active phase is deposited for the chemical destruction of impurities present in the exhaust gas.

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

(19) INDIA

(22) Date of filing of Application :06/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: WEAR 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 	:12/07/2012 :WO 2013/009952	(71)Name of Applicant: 1)ESCO CORPORATION Address of Applicant: 2141 Nw 25th Avenue Portland OR U.S.A. (72)Name of Inventor: 1)CHEYNE Mark A. 2)COWGILL Noah 3)ROSKA Michael B.
<u> </u>		
* /	.WO 2013/009932	
Number	:NA	4)CONKLIN Donald M.
Filing Date	:NA	5)ZENIER Scott H.
(62) Divisional to Application Number	:NA	6)HAINLEY Chris J.
Filing Date	:NA	O)IIIII (III I CIII I S S.

(21) Application No.10525/DELNP/2013 A

(57) Abstract:

A wear assembly for use on various kinds of earth working equipment that includes a base with a supporting portion a wear member with a cavity into which the supporting portion is received and a lock to releasably secure the wear member to the base. The supporting portion is formed with top and bottom recesses that receive complementary projections of the wear member. These recesses and projections include aligned holes so as to receive and position the lock centrally within the wear assembly and remote from the wear surface. The hole in the wear member is defined by a wall that includes a retaining structure provided with an upper bearing surface and a lower bearing surface for contacting and retaining the lock against upward and downward movement in the hole.

No. of Pages: 64 No. of Claims: 22

(22) Date of filing of Application :02/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: CARD WIRE WITH IMPROVED TOOTH SHAPE

(51) International classification	:D01G15/88	(71)Name of Applicant :
(31) Priority Document No	:11181393.7	1)NV BEKAERT SA
(32) Priority Date	:15/09/2011	Address of Applicant :Bekaertstraat 2 B 8550 Zwevegem
(33) Name of priority country	:EPO	Belgium
(86) International Application No	:PCT/EP2012/067522	
Filing Date	:07/09/2012	(72)Name of Inventor:
(87) International Publication No	:WO 2013/037711	1) Yuning NELSON ZHANG
(61) Patent of Addition to Application	.NTA	2)FURNIER Philip
Number	:NA	3)VANACKER Piet
Filing Date	:NA	4)PERIES Laurent
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A card wire (110) is comprising an elongated rib portion (112) and teeth. The teeth are having a front portion (114) and a back portion (116). The teeth are hanging over towards their front portion (114). The front portion (114) and back portion (116) are merging at the tip (118) of the tooth. The front portion (114) comprises at least three sections: a first section (120) extends from the tip (118) of the tooth in the direction of the rib portion (112) a second section extends below the first section (120) in the direction of the rib portion (112) and a third section (126) extends from the end of the second section in the direction of the rib portion (112). The second section comprises a straight part (122) and a curved segment (124) wherein the straight part (122) is having a minimum length of 0.10 mm and the straight part (122) is having an angle between 10 and 30 degrees relative to the length direction of the card wire. The straight part (122) is followed by the curved segment (124) wherein the curved segment (124) is having a radius (R) of at least 0.18 mm.

No. of Pages: 20 No. of Claims: 15

(22) Date of filing of Application :02/12/2013 (43) Publication Date: 26/12/2014

(54) Title of the invention: GRAIN ORIENTED ELECTROMAGNETIC STEEL SHEET AND METHOD FOR MANUFACTURING GRAIN ORIENTED ELECTROMAGNETIC STEEL SHEET

:C21D8/12,H01F1/16,H01F1/18 (71)Name of Applicant : (51) International classification (31) Priority Document No :2011119326

(32) Priority Date :27/05/2011 (33) Name of priority country :Japan

(86) International Application No :PCT/JP2012/063684

Filing Date :28/05/2012 (87) International Publication No: WO 2012/165393

(61) Patent of Addition to :NA Application Number :NA Filing Date

(62) Divisional to Application :NA Number :NA

Filing Date

1)NIPPON STEEL & SUMITOMO METAL

CORPORATION

Address of Applicant: 6 1 Marunouchi 2 chome Chiyoda ku

Tokyo 1008071 Japan (72)Name of Inventor: 1)SAKAI Tatsuhiko 2)NAKAMURA Yoshio 3)TASHIRO Kazuyuki

4)NAGANO Shohji 5)YAMAZAKI Shuichi

6)HIRANO Koji

(57) Abstract:

Provided i s a gram-oriented electromagnetic steel sheet m which the development 01 side strains can be renably in hibited and even portions where side strains have occurred can be left in the product. In the grain-oriented electromagnetic steel sheet of the present invention, a glass coating film (12) at one end side in the width direction of a steel sheet (11) has a linear modi - fied section (14) formed as a continuous line or discontinuous broken line along the direction parallel to the rolling direction of the steel sheet and having a composition different from that o f other portions of the glass coating film. The average value of angular dis - placement between the direction of axis of easy magnetization of crystal grains and the rolling direction at positions in the width dir - ection of f the steel sheet that correspond to the linear modified section (14), in the base metal portion of the steel sheet (11), is 0 °-20

No. of Pages: 62 No. of Claims: 10

(21) Application No.10376/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :02/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: CURRENT REGULATOR

(51) International classification	:G05F3/16,H05B33/08	(71)Name of Applicant :
(31) Priority Document No	:1111359.4	1)ACCURIC LTD
(32) Priority Date	:04/07/2011	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/GB2012/051448	(72)Name of Inventor:
Filing Date	:22/06/2012	1)BANNISTER Dave
(87) International Publication No	:WO 2013/005002	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present application describes a current regulator for providing a regulated current from an input voltage. The current regulator comprises a voltage regulator circuit operable to provide a regulated voltage which comprises a plurality of Zener diodes connected in parallel.

No. of Pages: 40 No. of Claims: 16

(22) Date of filing of Application :02/12/2013 (43) Publication Date: 26/12/2014

(54) Title of the invention: HYDROTHERMAL HYDROCATALYTIC TREATMENT OF BIOMASS

(51) International classification :C10L9/08,C10L5/44,C10G3/00 (71)Name of Applicant :

(31) Priority Document No :61/496653 (32) Priority Date :14/06/2011 (33) Name of priority country :U.S.A.

(86) International Application No :PCT/US2012/042240

Filing Date :13/06/2012 (87) International Publication No: WO 2012/174103 (61) Patent of Addition to

:NA **Application Number** :NA Filing Date

(62) Divisional to Application :NA Number :NA Filing Date

1) SHELL INTERNATIONALE RESEARCH

MAATSCHAPPIJ B.V.

Address of Applicant: Carel van Bylandtlaan 30 NL 2596 The

Hague Netherlands

(72)Name of Inventor:

1)KOMPLIN Glenn Charles 2)POWELL Joseph Broun 3)SMEGAL John Anthony 4)JOHNSON Kimberly Ann

(57) Abstract:

A method of hydrothermal hydrocatalytic treating biomass is provided. Lignocellulosic biomass is treated with a digestive solvent to form a pretreated biomass containing soluble carbohydrates. The pretreated biomass is contacted with hydrogen at a temperature in the range of 150°C to less than 300°C in the presence of a pH buffering agent and a supported hydrogenolysis catalyst containing (a) sulfur (b) Mo or W and (c) Co Ni or mixture thereof incorporated into a suitable support to form a plurality of oxygenated hydrocarbons.

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

:NA

(21) Application No.10540/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :09/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: POWERTRAIN FOR A VEHICLE AND METHOD FOR CONTROLLING A POWERTRAIN

(51) International classification: B60K6/48,B60K6/387,F16H3/72 (71) Name of Applicant: (31) Priority Document No 1)SCANIA CV AB :11505922 (32) Priority Date :27/06/2011 Address of Applicant: S 151 87 Sdertlje Sweden (33) Name of priority country (72)Name of Inventor: :Sweden (86) International Application 1)BERGQUIST Mikael :PCT/SE2012/050667 No :18/06/2012 Filing Date (87) International Publication :WO 2013/002706 (61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to Application :NA Number

(57) Abstract:

Filing Date

The invention relates to a propulsion device (2) for a vehicle which device (2) comprises an output shaft (14) of a combustion engine (4) an input shaft (27) of a gearbox (8) an electrical machine (6) which comprises a stator (24) and a rotor (26) and a planetary gear (10) which comprises movable components (18 20 22). A locking sleeve (38) is movable between first and second positions in which first position the engine output shaft (14) and the gearbox input shaft (27) are allowed to rotate at different speeds via the planetary gear (10) and in which second position the locking sleeve (38) firmly connects the engine output shaft (14) to the gearbox input shaft (27) via the planetary gear (10). The invention relates also to a method for controlling such a propulsion device (2).

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

(22) Date of filing of Application :06/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: VEHICLE POWER PLANT CONTROL 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 	:F02D45/00,G05B7/02 :NA :NA :NA :PCT/JP2011/068866 :22/08/2011 :WO 2013/027254 :NA :NA	(71)Name of Applicant: 1)TOYOTA JIDOSHA KABUSHIKI KAISHA Address of Applicant: 1 Toyota cho Toyota shi Aichi 4718571 Japan (72)Name of Inventor: 1)NAKADA Hayato
- 10	:NA :NA	
Filing Date	:NA	

(57) Abstract:

The purpose of the present invention is to prevent disturbance in the behavior of a power plant at the time of switching a controller in a vehicle power plant whose operation is controlled by manipulation of a plurality of actuators by the controller. In order to achieve the purpose a vehicle power plant control apparatus provided by the present invention is configured as a target value tracking controller in which at least one controller calculates the amount of manipulation of the actuators according to an equation including an integrator for integrating a deviation between a state quantity and a target value thereof such that each of a plurality of state quantities of the power plant can track the corresponding target value. When the controller used for manipulating the actuators is switched from another controller to the target value tracking controller the initial value of the integrator is inversely calculated such that in a state equation of a plant model for the power plant with the state quantity as a state vector and the amount of manipulation as an input vector a differential immediately before the switching of the state vector agrees with a differential immediately after the switching.

No. of Pages: 16 No. of Claims: 1

(22) Date of filing of Application :06/12/2013

(21) Application No.10527/DELNP/2013 A

(43) Publication Date: 26/12/2014

(54) Title of the invention: INJECTION 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 	:A61M5/20 :1107943.1 :12/05/2011 :U.K. :PCT/GB2012/051062 :11/05/2012 :WO 2012/153150 :NA :NA	(71)Name of Applicant: 1)OWEN MUMFORD LIMITED Address of Applicant: Brook Hill Woodstock Oxford Oxfordshire OX20 1TU U.K. (72)Name of Inventor: 1)MARSHALL Jeremy 2)COWE Toby
Number		
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

(19) INDIA

An injection device operable to deliver a dose of medicament from a syringe or cartridge includes a temperature sensitive arrangement for inhibiting operation thereof under predetermined temperature conditions. This may comprise a thermally responsive element that adopts a position in which operation of the device is inhibited when a temperature level is passed.

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

(22) Date of filing of Application :06/12/2013 (43) Publication Date: 26/12/2014

(54) Title of the invention: METHOD AND DEVICE FOR CLEANING AN EXTRUSION HEAD

(51) International :B29C47/08,B29C47/20,B29C47/34 classification

(31) Priority Document No :61/494152 (32) Priority Date :07/06/2011

(33) Name of priority country: U.S.A.

(86) International Application :PCT/EP2011/002781

No :07/06/2011

Filing Date (87) International Publication: WO 2012/167802

No

(61) Patent of Addition to :NA **Application Number** :NA

Filing Date (62) Divisional to Application :NA Number :NA Filing Date

(71)Name of Applicant:

1)MAUSER WERKE GMBH

Address of Applicant: Schildgesstrasse 71 163 50321 Br1/4hl

Germany

(72)Name of Inventor: 1)KEUSCH Stefan 2)SCHLLER Frank

(57) Abstract:

The invention relates to a method and device for cleaning extrusion heads (10) in the extrusion of thermoplastics which are ejected or extruded from an extrusion nozzle (14) as a tubular preform (12). According to the invention in order to remove interfering deposits and baked on residues (20) on the outlet nozzle (14) the tubular preform (12) is briefly turned around and upset wherein the deposits (20) adhering in the vicinity of the outlet nozzle (14) are wiped off and transported away by the tubular preform (12). In an advantageous way the tubular preform (12) itself is used as a cleaning element while the tubular preform is being turned around while the cleaning automatically occurs during the ongoing operation of the continuous extrusion without interruption of the production process.

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

(19) INDIA

(22) Date of filing of Application :06/12/2013

(21) Application No.10529/DELNP/2013 A

(43) Publication Date: 26/12/2014

(54) Title of the invention: HYDROPHOBIC PREPARATIONS

(51) International :A61K9/107,A61K39/00,A61P29/00 classification

(31) Priority Document No :1107629.6 (32) Priority Date :06/05/2011

(33) Name of priority country:U.K.

(86) International :PCT/EP2012/058279

Application No :04/05/2012 Filing Date

(87) International Publication :WO 2012/152709

No

(61) Patent of Addition to :NA **Application Number**

:NA Filing Date

(62) Divisional to :NA **Application Number** :NA Filing Date

(71)Name of Applicant:

1)VAXCINE LTD

Address of Applicant :c/o IFM Trust Limited Charter Place

23/27 Seaton Place St Helier JE1 1JY U.K. (72)Name of Inventor:

1)NEW Roger

(57) Abstract:

The present invention relates to preparations of substances in hydrophobic solvents in which they would not normally be soluble and to processes for obtaining these preparations. In particular the invention relates to preparations of hydrophilic species in hydrophobic solvents such as oils. The use of these preparations as vaccines and in pharmaceutical compositions is also described.

No. of Pages: 46 No. of Claims: 24

(21) Application No.10530/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :06/12/2013 (43) Publication Date: 26/12/2014

(54) Title of the invention: DEUTERATED 1 PIPERAZINO 3 PHENYL INDANES FOR TREATMENT OF SCHIZOPHRENIA

(51) International (71)Name of Applicant: :C07B59/00,C07D241/04,A61K31/495 classification 1)H. LUNDBECK A/S (31) Priority Document No: 61/498651 Address of Applicant: 9 Ottiliavej DK 2500 Valby Denmark (32) Priority Date :20/06/2011 (72)Name of Inventor: (33) Name of priority 1)JORGENSEN Morten :U.S.A. country (86) International 3) JENSEN Klaus Gjervig :PCT/IB2012/001386 Application No :19/06/2012 Filing Date 5)BADOLO Lassina (87) International 6)JACOBSEN Mikkel Fog :WO 2012/176066 Publication No

(61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to :NA **Application Number**

:NA

2)ANDERSEN Peter Hongaard 4)HVENEGAARD Mette Graulund

(57) Abstract:

Filing Date

The present invention relates to deuterated 1 piperazino 3 phenyl indanes and salts thereof with activity at dopamine receptors D1 and D2 as well as the 5HT2 receptors in the central nervous system to medicaments comprising such compounds as active ingredients to the use of such compounds in the treatment of diseases in the central nervous system and to methods of treatment comprising administration of such compounds.

No. of Pages: 86 No. of Claims: 43

(22) Date of filing of Application :09/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: METHOD AND DEVICE FOR APPROXIMATING TISSUE

(51) International classification	:A61B17/04	(71)Name of Applicant :
(31) Priority Document No	:13/163798	1)ETHICON INC.
(32) Priority Date	:20/06/2011	Address of Applicant :P.O. Box 151 U.S. Route 22 Somerville
(33) Name of priority country	:U.S.A.	NJ 08876 U.S.A.
(86) International Application No	:PCT/US2012/042920	(72)Name of Inventor:
Filing Date	:18/06/2012	1)CROMBIE John Stephen
(87) International Publication No	:WO 2012/177548	2)FLEMING James A. III
(61) Patent of Addition to Application	:NA	3)LIBERATORE Jessica
Number	:NA :NA	4)YUAN Jie Jenny
Filing Date	.IVA	5)NERING Robert
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A wound closure assembly and meth FIG. 1 od for its use. The wound closure assembly includes a curved inserter having a distal end and a proximal end, a filamentary element extending between a 04 proximal end and a distal end, wherein the proximal end is coupled to the proximal end of the curved in serter, a first anchor coupled to the filamentary element between its first and second ends, and a second anchor positioned at the distal end of the filamentary element. The filamentary element is configured to form a slip knot between the first and second anchors so as to enable the distance between the first and second anchors to be decreased by pulling on the proximal end of the filamentary element. The distal end of the curved inserter is received within a channel in the first anchor that extends along its lon gitudinal length.

No. of Pages: 32 No. of Claims: 28

(22) Date of filing of Application :09/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: LINEAR STAPLER WITH A MULTI FUNCTIONAL RETAINING PIN SUBASSEMBLY

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:A61B17/072 :201110189676.6 :21/06/2011 :China :PCT/US2012/041307 :07/06/2012 :WO 2012/177407 :NA :NA	(71)Name of Applicant: 1)ETHICON ENDO SURGERY INC. Address of Applicant: 4545 Creek Road Cincinnati OH 45242 U.S.A. (72)Name of Inventor: 1)WAN Shan 2)HONG Xiangchun 3)XU Lian 4)SUN Wei
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(57) Abstract:

The present invention provides a linear stapler having a multi-functional retaining pin subassembly. The linear stapler comprises a handle stem connecting an anvil to a handle, and the retaining pin subassembly is movably supported on the handle stem and comprises a connecting cover having a retaining pin extending from the connecting cover. The present invention also provides a multifunctional retaining pin subassembly. The retaining pin subassembly can achieve cartridge alignment and tissue retention during the firing of the stapler and protect tissue from unintended damage.

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

(19) INDIA

(22) Date of filing of Application :09/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention : METHOD OF MEASURING BLOOD COAGULATION TIME TO DETECT LUPUS ANTICOAGULANTS

(31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number :N	G01N33/86 2011135174 17/06/2011 Japan PCT/JP2012/065434 15/06/2012 WO 2012/173260 NA NA	(71)Name of Applicant: 1)SCHOOL JURIDICAL PERSON HIGASHI NIPPON GAKUEN Address of Applicant:1757 Aza Kanazawa Tobetsu cho Ishikari gun Hokkaido 0610293 Japan 2)SEKISUI MEDICAL CO. LTD. (72)Name of Inventor: 1)IEKO Masahiro 2)MORIKAWA Chizuru 3)HATTORI Keiko
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(21) Application No.10544/DELNP/2013 A

(57) Abstract:

Provided is a method of measuring blood coagulation time which makes it possible to detect lupus anticoagulants more easily and with a higher degree of sensitivity in comparison to the method recommended by the International Society on Thrombosis and Haemostasis (ISTH) and which is not affected by blood coagulation factor deficiencies even in blood samples from patients on warfarin patients with vitamin K deficiencies and patients with hepatic insufficiency. The method for measuring blood coagulation time to detect lupus anticoagulants is characterized in that a buffering solution composition containing blood coagulation factors is added to a blood sample both before and during the measurement of the blood coagulation time and the blood coagulation time is measured.

No. of Pages: 43 No. of Claims: 9

(21) Application No.10545/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :09/12/2013 (43) Publication Date: 26/12/2014

(54) Title of the invention: LOCK DEVICE

(51) International classification :E05B65/32,B60J5/00,B60N2/44 (71)Name of Applicant :

(31) Priority Document No :2011134010 (32) Priority Date :16/06/2011

(33) Name of priority country :Japan

(86) International Application :PCT/JP2012/062403

No

:15/05/2012 Filing Date

(87) International Publication No: WO 2012/172905

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to Application :NA Number :NA

Filing Date

1)SHIROKI CORPORATION

Address of Applicant: 2 Kirihara cho Fujisawa shi Kanagawa

2520811 Japan

(72)Name of Inventor:

1)YAMAZAKI Takuji

(57) Abstract:

The present invention addresses the problem of providing a lock device having high locking strength. [Solution] The periphery of the hook (57) of a lock device has formed thereon: a recess (57d) which is formed so as to extend inward from the peripheral surface; and a first surface (57g) which is formed at a position located further forward in the direction of rotation of the hook (57) toward the unlock position thereof than the recess (57d) and which intersects the direction of rotation of the hook (57). A pawl (61) has formed thereon: a protrusion (61a) which can engage with and be disengaged from the recess (57d) of the hook (57); and a second surface (61c) with which the first surface (57g) of the hook (57) can make contact.

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

(19) INDIA

(22) Date of filing of Application :02/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention : MECHANISM FOR SHIFTING INCOMPRESSIBLE FLUID AND SERVO ASSISTED ROTATING MECHANISM

(21) Application No.10384/DELNP/2013 A

(31) Priority Document No :11164 (32) Priority Date :05/05/ (33) Name of priority country :EPO (86) International Application No :PCT/E Filing Date :04/05/	B17/04,F03G7/10 64950.5 05/2011 O T/EP2012/058317 05/2012 0 2012/150353 (71)Name of Applicant: 1)MASSIMO Nicola Massimo Address of Applicant: via Fratelli Piazza 5 I 20152 Milano Italy (72)Name of Inventor: 1)MASSIMO Nicola Massimo
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(57) Abstract:

A mechanism 1 transfers a fluid between vessels in closed circuit communication the variable volume vessels 4e 4c being in fluid communication. Preferably the mechanism is a rotating mechanism and the vessels are hinged to an arm 2 pivoted to a support 12. In a stop/start position AP of the arm the highest vessels 4e is in expanded condition and causes rotation of the arm 2 due to gravity until the vessels find themselves in reversed positions with the expanded vessel 4e down and the compressed vessel 4c up. Expansion/compression means 8 act on the vessels as a consequence of gravity effect thus causing the fluid to shift from the lowermost vessel to the uppermost vessel. The fluid transfer leads to the restoring of the initial condition and to a new rotation of the arm and vessels bringing the expanded vessel downwards and the compressed vessel upwards. The vessels oscillate to help the arm rotation. In a further embodiment the vessels move toward and away from the rotation axis of the arm to increase the momentum. The fluid is thus transferred from one vessel to another without the need of any action from an operator.

No. of Pages: 42 No. of Claims: 24

(12) 111121(11111121211101(102210111

(21) Application No.10385/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :02/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention : PROCESS FOR THE PREPARATION OF MORPHINE ANALOGS VIA METAL CATALYZED N DEMETHYLATION/FUNCTIONALIZATION AND INTRAMOLECULAR GROUP TRANSFER

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:C07D489/08 :61/483264 :06/05/2011 :U.S.A. :PCT/CA2012/000424 :04/05/2012 :WO 2012/151669 :NA :NA :NA	(71)Name of Applicant: 1)BROCK UNIVERSITY Address of Applicant:500 Glenridge Avenue St. Catharines Ontario L2S 3A1 Canada (72)Name of Inventor: 1)HUDLICKY Tomas 2)MACHARA Ales
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(57) Abstract:

The present application is directed to an efficient conversion of C 14 hydroxylated morphine alkaloids to various morphine analogs such as naltrexone naloxone and nalbuphone. One feature of this process is an intramolecular functional group transfer from the C 14 hydroxyl to the N 17 nitrogen atom following a palladium catalyzed N demethylation.

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

(19) INDIA

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

(21) Application No.10550/DELNP/2013 A

(43) Publication Date: 26/12/2014

(54) Title of the invention: LINEAR STAPLER

(51) International classification	:A61B17/068	(71)Name of Applicant:
(31) Priority Document No	:201110189677.0	1)ETHICON ENDO SURGERY INC.
(32) Priority Date	:21/06/2011	Address of Applicant :4545 Creek Road Cincinnati OH 45242
(33) Name of priority country	:China	U.S.A.
(86) International Application No	:PCT/US2012/041319	(72)Name of Inventor:
Filing Date	:07/06/2012	1)ZHANG Yang
(87) International Publication No	:WO 2012/177409	2)WAN Shan
(61) Patent of Addition to Application	:NA	3)HONG Xiangchun
Number	:NA	
Filing Date	.IVA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention relates to a surgical stapler comprising: a support base; a trigger; a handle; a retaining pin operatively connected to and extending distally from a support base, the support base being operable in the surgical stapler to cause the o stapler to position staples near tissue; and a unit lockout rotatable about a pivot fixed to the handle. The unit lockout comprises an upper end near and under at least one blocking plate in the stapler; and another end facing the trigger to prevent it from firing when the upper end is blocked from upward movement by the at least one blocking plate. Whereas the upper end of the unit lockout is moved relative to the at least one blocking plate so that the upper end of unit lockout is no longer under the at least one blocking plate to permit the unit lockout to rotate about the pivot.

No. of Pages: 22 No. of Claims: 11

(22) Date of filing of Application :09/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: TARGETED DELIVERY OF RETINOID COMPOUNDS TO THE SEBACEOUS GLANDS

(51) International (71)Name of Applicant: :A61K9/50,A61K9/00,A61K31/4436 classification 1)ALLERGAN INC. (31) Priority Document No :61/493341 Address of Applicant :2525 Dupont Drive Irvine CA 92612 (32) Priority Date :03/06/2011 (33) Name of priority (72)Name of Inventor: :U.S.A. country 1)DONELLO John E. (86) International 2)YANG Rong :PCT/US2012/040375 Application No :01/06/2012 Filing Date (87) International :WO 2012/167018 Publication No (61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to :NA **Application Number** :NA Filing Date

(57) Abstract:

Disclosed herein are topical dermal compositions comprising particles wherein the particles comprise a) a biodegradable polymer and b) a retinoid selected from the group consisting of: (I) and (II) or a pharmaceutically acceptable salt thereof wherein the particles have an average diameter between $0.1~\mu t$ and $10~\mu t$ and wherein the variables are as defined in the specification. The compositions are useful for treating a condition associated with excess sebum production.

No. of Pages: 35 No. of Claims: 23

(22) Date of filing of Application :09/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: CLEANING SYSTEM FOR A COFFEE MACHINE OR A SIMILAR DEVICE

:A47J31/60,C11D17/00 (71)Name of Applicant : (51) International classification (31) Priority Document No 1)STEINER AG WEGGIS :01110/11 (32) Priority Date :30/06/2011 Address of Applicant :Rhrlistrasse 22 CH 6353 Weggis (33) Name of priority country :Switzerland Switzerland (86) International Application No :PCT/EP2012/002716 (72)Name of Inventor: Filing Date :28/06/2012 1)STEINER Adrian (87) International Publication No :WO 2013/000573 (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract:

The invention relates to a cleaning system for coffee machines and similar devices in the cleaning circuit (1) of which a cleaning key (20) having a storage chamber (24) is installed for receiving appropriately configured cleaning tablets (25). The cleaning key (20) can be turned in a sleeve like housing (22) into two operating positions at defined angles of rotation wherein in one operating position the storage chamber (24) is fixed in the housing (22) whilst in the other operating position the storage chamber is released and can be removed from the housing (22) to be filled or refilled with suitably packaged cleaning tablets.

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

(21) Application No.10392/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :03/12/2013

(43) Publication Date: 26/12/2014

(54) Title of the invention : COATING COMPOSITIONS THAT TRANSMIT INFRARED RADIATION AND EXHIBIT COLOR STABILITY AND RELATED COATING 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 	:C09D5/00 :13/153861 :06/06/2011 :U.S.A. :PCT/US2012/039829 :29/05/2012 :WO 2012/170230 :NA :NA	(71)Name of Applicant: 1)PPG INDUSTRIES OHIO INC. Address of Applicant: 3800 West 143rd Street Cleveland Ohio 44111 U.S.A. (72)Name of Inventor: 1)HELLRING Stuart D. 2)McQUOWN Stephen G.
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A coating composition suitable for producing coatings that are transparent to infrared radiation and can exhibit color stability such as a jet black color. The coating compositions include a first tint having a low haze and a second tint having a high haze. The tints include visibly absorbing infrared transparent pigments.

No. of Pages: 41 No. of Claims: 25

(21) Application No.10393/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :03/12/2013

(43) Publication Date: 26/12/2014

(54) Title of the invention : METHOD AND DEVICE FOR THE DIRECT CONTINUOUS MODIFICATION OF POLYMER MELTS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	:C08G69/16 :11004672.9 :08/06/2011 :EPO :PCT/EP2012/060618 :05/06/2012 :WO 2012/168252	(71)Name of Applicant: 1)UHDE INVENTA FISCHER GMBH Address of Applicant: Holzhauser Str. 157 159 13509 Berlin Germany (72)Name of Inventor: 1)SIEBECKE Ekkehard 2)B,,R Mirko
(86) International Application No	:PCT/EP2012/060618	(72)Name of Inventor:
Filing Date	:05/06/2012	1)SIEBECKE Ekkehard
(87) International Publication No	:WO 2012/168252	2)B,,R Mirko
(61) Patent of Addition to Application	:NA	3)RAUE Eberhard
Number	:NA	
Filing Date	37.4	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The invention relates to a method for direct, continuous modification of polymer melts vdth additives in the side stream and is distinguished by a very high degree of flexibility in product change-overs.

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

(21) Application No.10560/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :09/12/2013 (43) Publication Date: 26/12/2014

(54) Title of the invention: COATING COMPOSITIONS INCLUDING MAGNESIUM HYDROXIDE AND RELATED COATED **SUBSTRATES**

(51) International classification :C08K3/22,C09D1/00,C09D5/08 (71)Name of Applicant:

(31) Priority Document No :13/156740

(32) Priority Date :09/06/2011 (33) Name of priority country :U.S.A.

(86) International Application No:PCT/US2012/041082 Filing Date :06/06/2012

(87) International Publication No: WO 2012/170515

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to Application :NA Number :NA

Filing Date

1)PRC DESOTO INTERNATIONAL INC.

Address of Applicant: 12780 San Fernando Road Sylmar

California 91342 U.S.A. (72)Name of Inventor: 1)ABRAMI Siamanto

2)TANG Guangliang 3)TIPON Polyamie

(57) Abstract:

Magnesium hydroxide particles having a particle size of less than 200 nm and corrosion resisting properties are disclosed. Also disclosed are suspensions and powders that include the corrosion resisting particles. Coating compositions that include the corrosion resisting particles such that the coating composition can exhibit corrosion resistance properties and substrates at least partially coated with a coating deposited from such a composition and multi component composite coatings wherein at least one coating layer is deposited from such a coating composition are also disclosed.

No. of Pages: 46 No. of Claims: 13

(22) Date of filing of Application :09/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: DEVICE FOR PIVOTING ONE OR MORE FRONT FLAPS OF A TRACK GUIDED VEHICLE

(51) International classification	:B61D17/06,B61G7/10	(71)Name of Applicant:
(31) Priority Document No	:11177875.9	1)VOITH PATENT GMBH
(32) Priority Date	:17/08/2011	Address of Applicant :Sankt Pltener Strae 43 89522
(33) Name of priority country	:EPO	Heidenheim Germany
(86) International Application No	:PCT/EP2012/066048	(72)Name of Inventor:
Filing Date	:16/08/2012	1)SCHOLZ Denny
(87) International Publication No	:WO 2013/024142	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.IVA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The invention relates to a device for pivoting one or more front flaps of a track guided vehicle in particular a rail vehicle. According to the invention the device has at least one carrying frame (10) which is or can be connected to the vehicle undercarriage and at least one actuating apparatus which is connected to the at least one carrying frame (10) at one end and to the front flap (1a; 1b) to be pivoted at the other end for pivoting the front flap (1a; 1b) relative to the carrying frame (10) from a closed state to an open state and vice versa wherein the actuating apparatus has at least one lifting spindle drive (30a 32a; 30b 32b).

No. of Pages: 14 No. of Claims: 11

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

(43) Publication Date: 26/12/2014

(54) Title of the invention : TELECOMMUNICATIONS SYSTEM APPARATUS AND METHOD FOR COMMUNICATING TO A FIRST AND A SECOND CLASS OF TERMINALS USING A FIRST AND/OR A SECOND CARRIER

:H04L5/00,H04W72/04 (71)Name of Applicant : (51) International classification (31) Priority Document No 1)SCA IPLA HOLDINGS INC :1112528.3 (32) Priority Date Address of Applicant :550 Madison Avenue New York New :21/07/2011 (33) Name of priority country York 10022 U.S.A. :U.K. (86) International Application No :PCT/GB2012/051670 (72)Name of Inventor: Filing Date :13/07/2012 1)DARWOOD Peter (87) International Publication No :WO 2013/011286 2)BEALE Martin (61) Patent of Addition to Application :NA Number :NA

:NA

:NA

(57) Abstract:

Filing Date

Filing Date

(62) Divisional to Application Number

A telecommunications system for communicating data to and from one or more terminals and a network. The system comprises one or more transmitters operable to transmit a first carrier over a first frequency bandwidth and to transmit a second carrier over a second frequency bandwidth. During a first time period the one or more transmitters are operable to transmit data receivable by a first class of terminal on the first carrier and to transmit data receivable by a second class of terminal on the second carrier. During a second time period outside the first time period the one or more transmitters are operable to transmit data to the second class of terminal on the first and second carriers in combination. A transmission format for data on the first carrier in the first time period is incompatible with a transmission format for user data on the second carrier during the first time period and the one or more transmitters are operable to transmit control data on the first carrier in the first time period which is receivable by the second class of terminal to enable the second class of terminal to maintain synchronisation with the first carrier during the first time period.

No. of Pages: 35 No. of Claims: 20

(21) Application No.10398/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :03/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: MULTIPLE RADIATION INSPECTION OF OPHTHALMIC LENSES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application 	:61/492932 :03/06/2011 :U.S.A. :PCT/US2012/039995 :30/05/2012 :WO 2012/166797	(71)Name of Applicant: 1)JOHNSON & JOHNSON VISION CARE INC. Address of Applicant: 7500 Centurion Parkway Jacksonville FL 32256 U.S.A. (72)Name of Inventor: 1)SITES Peter W. 2)EDWARDS Russell J. 3)CAGLE Kenneth L.
(86) International Application NoFiling Date(87) International Publication No	:PCT/US2012/039995 :30/05/2012	(72)Name of Inventor:1)SITES Peter W.2)EDWARDS Russell J.
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

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

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

(21) Application No.10399/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :03/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: PAPER SHEET BUNDLING APPARATUS

(51) International classification :B65B13/18,B65B27/08,B65B61/26

(31) Priority Document No :2011125243

(32) Priority Date :03/06/2011
(33) Name of priority country :Japan

(86) International Application :PCT/JP2012/063583

Filing Date :28/05/2012

(87) International Publication :WO 2012/165360

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application

Number :NA

Number :NA Filing Date

(71)Name of Applicant:

1)GLORY LTD.

Address of Applicant :3 1 Shimoteno 1 chome Himeji shi

Hyogo 6708567 Japan (72)Name of Inventor: 1)UEHARA Osamu 2)HODATSU Tsuyoshi 3)INOUE Tomomi

(57) Abstract:

A paper sheet bundling apparatus includes a bundling unit 22 configured to bundle bundling target paper sheets using 5 a bundling band and make a batch of paper sheets, a stamp affixing unit 71 configured to affix a stamp to the bundling band of the batch of paper sheets, a memory unit 180 configured to store therein an association between the kind of paper sheet and a stamp affixing position on the bundling band or the paper 10 sheet, and a control unit 170 configured to obtain a stamp affixing position corresponding to the kind of the bundling target paper sheets with reference to the association, and adjust a positional relation between the stamp and the bundling band or the batch of paper sheets at a time of affixing the stamp, on a 15 basis of the obtained stamp affixing position.

No. of Pages: 50 No. of Claims: 11

(22) Date of filing of Application :09/12/2013 (43) Publication Date: 26/12/2014

(54) Title of the invention: FUEL INJECTOR

(51) International classification :F02M63/00,F02M47/02 (71)Name of Applicant : (31) Priority Document No :10 2011 078 400.4

(32) Priority Date :30/06/2011 (33) Name of priority country :Germany

:PCT/EP2012/059532 (86) International Application No Filing Date :23/05/2012

(87) International Publication No :WO 2013/000635

(61) Patent of Addition to Application :NA :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

1)ROBERT BOSCH GMBH

(21) Application No.10570/DELNP/2013 A

Address of Applicant :Postfach 30 02 20 70442 Stuttgart

Germany

(72)Name of Inventor: 1)RAPP Holger

(57) Abstract:

(19) INDIA

The invention relates to a fuel injector (1; 1a; 1b) in particular for compression ignition internal combustion engines having a control valve (15) and a control chamber (8) wherein the control chamber (8) is connected via an outflow bore (25) to a valve chamber (16) of the control valve (15) wherein a valve bolt (20) is arranged in the valve chamber (16) wherein the valve bolt (20) is loaded into a closed position by the spring force of a compression spring (30) in a first position in which closed position said valve bolt (20) interacts with a valve seat surface (41) wherein the compression spring (30) is arranged in a low pressure region (27) which is sealed with respect to the valve chamber (16) wherein the opening stroke of the valve bolt (20) can be set for a second position in which the valve bolt (20) is spaced apart from the valve seat surface (41) and wherein the valve bolt (20) is guided in the valve chamber (16) by a sealing sleeve (19) which encloses the valve bolt (20) radially. According to the invention it is provided that the opening stroke of the valve bolt (20) is brought about by the valve bolt (20) bearing at least indirectly against the sealing sleeve (19).

No. of Pages: 14 No. of Claims: 11

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

(43) Publication Date: 26/12/2014

(54) Title of the invention : METHOD FOR OPERATING A CYCLICALLY WORKING THERMAL ADSORPTION HEAT OR REFRIGERATION SYSTEM AND DEVICE

(51) International classification	:F25B17/08	(71)Name of Applicant :
(31) Priority Document No	:10 2011 102 036.9	1)SORTECH AG
(32) Priority Date	:19/05/2011	Address of Applicant :Zscherbener Landstrae 17 06126 Halle
(33) Name of priority country	:Germany	(Saale) Germany
(86) International Application No	:PCT/EP2012/059198	(72)Name of Inventor:
Filing Date	:16/05/2012	1)SOMMER Sebastian
(87) International Publication No	:WO 2012/156481	2)DASSLER Ingo
(61) Patent of Addition to Application	:NA	
Number Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The invention relates to a method and a device for operating a cyclical thermal adsorption heating or refrigeration system having a desorption phase and an adsorption phase comprising at least one adsorber/desorber unit (A/D) a refrigerant cyclically adsorbed during the adsorption phase and desorbed during the desorption phase and an evaporator/condenser unit (V/K) that acts as an evaporator (V) or as a condenser (K) depending on the process phase. The method and the device intended for carrying out the method are characterized by a cyclic heat recovery that occurs at the same time in a heat recovery circuit having a temporary store (ZS) and a heat transfer medium comprising the following steps. At the end of the desorption phase the heat transfer medium having a low temperature is brought from the temporary store into thermal contact with the evaporator/condenser unit and at the same time the hot heat transfer medium is transferred from the evaporator/condenser unit into the temporary store in a first temporary storage phase. At the end of the adsorption phase the heat transfer medium having the higher temperature is brought from the temporary store into thermal contact with the evaporator/condenser unit. At the same time the cold heat transfer medium is transferred from the evaporator/condenser unit into the temporary store in a second temporary storage phase.

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

(21) Application No.10554/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :09/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: POWERTRAIN FOR A VEHICLE AND METHOD FOR CONTROLLING A POWERTRAIN

(51) International classification :B60K6/48,B60K6/387,B60K6/547

:WO 2013/002707

(31) Priority Document No :11505914

(32) Priority Date :27/06/2011
(33) Name of priority country :Sweden

(86) International Application :PCT/SE2012/050668

No :18/06/2012

Filing Date .18/00/2012

(87) International Publication No

(61) Patent of Addition to
Application Number :NA

Application Number :NA :NA

(62) Divisional to Application Number :NA

Filing Date

(71)Name of Applicant : 1)SCANIA CV AB

Address of Applicant :S 151 87 Sdertlje Sweden

(72)Name of Inventor:
1)BERGQUIST Mikael
2)KADLAC Otto

(57) Abstract:

The invention relates to a propulsion device (2) for a vehicle, which device (2) comprises an output shaft (14) of a combustion engine (4), an input shaft (27) of a gearbox (8), an electrical machine (6) which comprises a stator (24) and a rotor (26), o and a planetary gear (10) which comprises movable components (18, 20, 22). A locking mechanism (38) is movable between first and second positions, in which first position the engine output shaft (14) and the gearbox input shaft (27) are allowed to rotate at dif o ferent speeds via the planetary gear (10), and in which second position the locking mechanism (38) firmly connects the engine out put shaft (14) to the gearbox input shaft (27) via the planetary gear (10). The invention relates also to a method for controlling such a propulsion device (2).

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

(21) Application No.10555/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :09/12/2013 (43) Publication Date: 26/12/2014

(54) Title of the invention: COMPOUNDS HAVING MUSCARINIC RECEPTOR ANTAGONIST AND BETA2 ADRENERGIC RECEPTOR AGONIST ACTIVITY

(51) International :C07D401/12,C07D409/14,C07D417/12

classification

(31) Priority Document :11169535.9

(32) Priority Date :10/06/2011

(33) Name of priority

:EPO country

(86) International

:PCT/EP2012/060782 Application No :07/06/2012

Filing Date

(87) International

:WO 2012/168349 **Publication No**

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to :NA **Application Number** :NA

Filing Date

(71)Name of Applicant:

1)CHIESI FARMACEUTICI S.D.A.

Address of Applicant: Via Palermo 26/A I 43100 Parma Italy

(72)Name of Inventor:

1)RANCATI Fabio

2)LINNEY Ian

3)RIZZI Andrea 4)BLACKABY Wesley

5)KNIGHT Chris

(57) Abstract:

The present invention relates to compounds of general formula (I) acting both as muscarinic receptor antagonists and beta2 adrenergic receptor agonists to processes for their preparation to compositions comprising them to therapeutic uses and combinations with other pharmaceutical active ingredients.

No. of Pages: 74 No. of Claims: 15

(22) Date of filing of Application :09/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: ASSEMBLY OF A FLAP AND A VALVE FOR EQUIPMENT FOR LOADING A SHAFT KILN

(51) International classification :C21B7/20,F27D3/00,F27D3/10 (71)Name of Applicant : (31) Priority Document No :91 822 1)PAUL WURTH S.A. Address of Applicant :32 rue dAlsace L 1122 Luxembourg (32) Priority Date :08/06/2011 (33) Name of priority country :Luxembourg Luxembourg (72)Name of Inventor: (86) International Application No :PCT/EP2012/060581 Filing Date :05/06/2012 1)SCHONS Stefan (87) International Publication No: WO 2012/168227 2)PARASCH Frdric (61) Patent of Addition to 3)TOCKERT Paul :NA **Application Number** :NA Filing Date (62) Divisional to Application :NA Number :NA Filing Date

(57) Abstract:

The invention relates to an assembly of a flap and a valve for a device for loading a shaft kiln such as a blast furnace comprising a body (1) inside of which at least one flap (21) and/or a valve (32) are provided and pivotally driven by an actuator (25 35) located outside the body and connected to the flap or valve via a linking shaft guided in a bearing that is stationary relative to the body. The bearing (24 34) and the actuator (25 35) are mounted on a removable door (26 36) which blocks an opening (13 15) provided in the wall of the body (1) and the size of which are predetermined such that the flap or the valve can be removed through said opening in a direction transverse to the axis of the body.

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

(19) INDIA

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

(21) Application No.10558/DELNP/2013 A

(43) Publication Date: 26/12/2014

(54) Title of the invention: DIALYSIS PRECURSOR COMPOSITION

(51) International classification :A61K31/7004,A61K33/00,A61K33/06

(31) Priority Document :11505658

(32) Priority Date :20/06/2011
(33) Name of priority

country :Sweden

(86) International :PCT/EP2012/060969

Application No
Filing Date

FUTER 2012/
11/06/2012

(87) International :WO 2012/175353

Publication No
(61) Patent of Addition to
NA
NA

Application Number
Filing Date
(62) Divisional to
Application Number
Filing Date

NA
:NA
:NA
:NA

(71)Name of Applicant:
1)GAMBRO LUNDIA AB

Address of Applicant :P.O. Box 10101 S 220 10 Lund Sweden

(72)Name of Inventor:
1)JANSSON Olof
2)LINDEN Torbjrn
3)WIESLANDER Anders

(57) Abstract:

The present invention concerns a dialysis acid precursor composition for use during preparation of a dialysis acid concentrate solution and for mixing with water, a sodium containing concentrate, and a bicarbonate containing concentrate into a ready- for-use dialysis solution. Said dialysis acid precursor composition consists of powder components comprising glucose, at least one dry acid and at least one calcium salt, and optionally potassium salt, and magnesium salt. According to the invention said glue - ose and said at least one calcium salt, are present a s anhydrous components in said dialysis acid precursor composition.

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

(22) Date of filing of Application :09/12/2013 (43) Publication Date: 26/12/2014

(54) Title of the invention: DIALYSIS PRECURSOR COMPOSITION

(51) International :A61K9/00,A61K31/185,A61K31/7004 classification

(31) Priority Document :11505666

(19) INDIA

:20/06/2011 (32) Priority Date (33) Name of priority :Sweden

country

(86) International

:PCT/EP2012/060971 Application No

:NA

:11/06/2012 Filing Date

(87) International :WO 2012/175354 Publication No

(61) Patent of Addition to **Application Number**

:NA Filing Date (62) Divisional to :NA **Application Number** :NA Filing Date

(71)Name of Applicant: 1)GAMBRO LUNDIA AB

(21) Application No.10559/DELNP/2013 A

Address of Applicant: P.O. Box 10101 S 220 10 Lund Sweden

(72)Name of Inventor: 1)JANSSON Olof 2)LINDEN Torbirn

3)WIESLANDER Anders

(57) Abstract:

The present invention concerns a dialysis acid precursor composition for use during preparation of a dialysis acid concentrate solution and for mixing with water and a bicarbonate containing concentrate into a ready for use dialysis solution. Said dialysis acid precursor composition consists of powder components comprising sodium chloride at least one dry acid and at least one calcium salt and optionally potassium salt magnesium salt and glucose. According to the invention said at least one calcium salt and said optional glucose are present as anhydrous components in said dialysis acid precursor composition.

No. of Pages: 20 No. of Claims: 9

ON

(21) Application No.10596/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :10/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: PRESS MOLDING METHOD AND VEHICLE COMPONENT

(51) International classification :B21D22/26,B21D53/88 (71)Name of Applicant : 1)NIPPON STEEL & SUMITOMO METAL (31) Priority Document No :2011113629 (32) Priority Date :20/05/2011 CORPORATION (33) Name of priority country Address of Applicant: 6 1 Marunouchi 2 chome Chiyoda ku :Japan (86) International Application No :PCT/JP2012/062522 Tokyo 1008071 Japan Filing Date :16/05/2012 (72)Name of Inventor: (87) International Publication No :WO 2012/161050 1)YONEMURA Shigeru (61) Patent of Addition to Application 2) UENISHI Akihiro :NA 3)TOYOKAWA Shin :NA Filing Date 4)KUWAYAMA Takuya (62) Divisional to Application Number :NA 5)ARIGA Takashi Filing Date :NA

(57) Abstract:

A press molding method for press molding a material to be processed between a die and a punch by pressing the punch into the inner side of the die by means of the relative movement of the die and the punch wherein an intermediate molded body (100B) having a ridge line part (100d) is formed on a predetermined site on the material to be processed and the intermediate molded body (100B) is formed into the final processed shape by press molding same. As a consequence the thickness of the predetermined site on the material to be processed is essentially increased and said predetermined site becomes subjected to work hardening.

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

(21) Application No.10597/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :10/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: ULTRASOUND CT REGISTRATION FOR POSITIONING

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:A61B19/00 :61/499838 :22/06/2011 :U.S.A. :PCT/US2012/042382 :14/06/2012 :WO 2012/177470 :NA :NA	(71)Name of Applicant: 1)SYNTHES GMBH Address of Applicant: Eimattstrasse 3 CH 4436 Oberdorf Switzerland (72)Name of Inventor: 1)BAUMGARTNER Adrian
* *		
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A bone registration system is disclosed. The bone registration system may have a device including a scanner arranged to scan a target surface area of bone to obtain scan data and a first communication component. The registration system may have also a first marker positionable on a first portion of bone. The first marker may include a second communication component arranged to transmit a location signal for indicating a position of the first marker in a plurality of dimensions relative to the device. The system may have also a registration unit that compares the scan data with surface data of the bone to generate position data identifying overlapping elements of the scan data relative to the surface data determines location data from the location signal and determines a location of the first marker on a surface of the bone using the position data and the location data.

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

(21) Application No.10598/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :10/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention : METHOD AND SYSTEM FOR CONTROLLING THE MANAGEMENT OF THE ELECTRIC POWER SUPPLY OF A VEHICLE AFTER THE POWER UNIT HAS STOPPED

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:B60R16/03 :1155220 :15/06/2011 :France :PCT/FR2012/051189 :25/05/2012 :WO 2012/172230 :NA :NA	(71)Name of Applicant: 1)RENAULT S.A.S. Address of Applicant:13 15 quai Le Gallo F 92100 Boulogne billancourt France (72)Name of Inventor: 1)POISSON CHOISNE Carine 2)BERTRAND Gregory
e e e e e e e e e e e e e e e e e e e	:NA :NA	

(57) Abstract:

The invention relates to a method for controlling the electric power supply of a motor vehicle comprising a power unit and an electric power supply battery the vehicle being provided with at least one autonomous computer (2) at least one master computer (4) and at least one slave computer (4) the computers (2 3 4) being connected by a data network (1) the autonomous computers (2) each being able to carry out at least one task after the power unit has stopped and the power supply to the above mentioned computers (2 3 4) being maintained for a first period of time. The control method comprises the following successive steps: the absence of the autonomous computer (2) is reported to the master computer (3) the power supply of each slave computer (4) is interrupted the power supply of the master computer (3) is interrupted the power supply of the autonomous computer (2) is maintained beyond the first period of time the power supply of each autonomous computer (2) is interrupted once it has finished its task.

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

(21) Application No.10599/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :10/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: CALL PROCESSING METHOD DEVICE AND SYSTEM

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:201110159095.8 :14/06/2011 :China	(71)Name of Applicant: 1)ZTE CORPORATION Address of Applicant: ZTE Plaza Keji Road South Hi Tech Industrial Park Nanshan Shenzhen Guangdong 518057 China (72)Name of Inventor: 1)XU Bin
 (87) International Publication No (61) Patent of Addition to Application Number	:WO 2012/171347 :NA :NA :NA :NA	2)ZHANG Jianfeng 3)GE Hao

(57) Abstract:

Disclosed are a call processing method device and system for alerting the calling subscriber to call the called subscriber again after some time in the case of no answer when the calling subscriber calls the called subscriber. The call processing method provided by the present invention includes: when a calling subscriber device calls a called subscriber device if the calling subscriber device has opened a no answer alert colour ring back tone service and the called subscriber device gives no answer for a certain period of time then the no answer alert colour ring back tone opened by the calling subscriber device will be played for the calling subscriber device; and acquiring alert indication information sent by the calling subscriber device and performing a call alert operation on the calling subscriber device according to the alert indication information.

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

(22) Date of filing of Application :21/11/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention : METHOD AND APPARATUS (1) FOR MAKING ABSORBENT STRUCTURES WITH ABSORBENT 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 	:A61F13/15 :11169395.8 :10/06/2011 :EPO :PCT/US2012/040707 :04/06/2012 :WO 2012/170338 :NA :NA	(71)Name of Applicant: 1)THE PROCTER & GAMBLE COMPANY Address of Applicant: One Procter & Gamble Plaza Cincinnati Ohio 45202 U.S.A. (72)Name of Inventor: 1)JACKELS Hans Adolf 2)KREUZER Carsten Heinrich
•	:NA :NA	

(57) Abstract:

A method and apparatus (1) for making specific absorbent structures with an absorbent layer with absorbent material (100) with therein substantially longitudinally extending strips that are free of absorbent material (100) using or having thereto a moving endless surface (30) with receptacle(s) (33) with specific longitudinally extending rods (36); and specific absorbent structures obtained therewith suitable for absorbent articles such as diapers and sanitary napkins.

No. of Pages: 39 No. of Claims: 21

(22) Date of filing of Application :21/11/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: ABSORBENT ARTICLES WITH IMPROVED ABSORPTION PROPERTIES

(51) International classification :A61F13/15,A61F13/53 (71)Name of Applicant : (31) Priority Document No 1) THE PROCTER & GAMBLE COMPANY :11004976.4 (32) Priority Date :17/06/2011 Address of Applicant :One Procter & Gamble Plaza Cincinnati (33) Name of priority country Ohio 45202 U.S.A. :EPO (72)Name of Inventor: (86) International Application No :PCT/US2012/042112 Filing Date :13/06/2012 1)EHRNSPERGER Bruno Johannes (87) International Publication No :WO 2012/174026 2)JENNEWEIN Marc (61) Patent of Addition to Application 3)MICHNACS Marion :NA 4)PERI Andrea :NA Filing Date 5)THOMANN Maike (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract:

An absorbent article such as disposable diaper training pant and adult incontinence undergarment comprising superabsorbent polymer particles able to absorb and contain body exudates having improved absorption properties and therefore reduce leakage especially at the first gush i.e. when the article starts to be wetted.

No. of Pages: 67 No. of Claims: 17

(21) Application No.10006/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :21/11/2013 (43) Publication Date: 26/12/2014

(54) Title of the invention: DISPOSABLE DIAPER HAVING REDUCED ABSORBENT CORE TO BACKSHEET GLUING

(51) International :A61F13/514,A61F13/539,A61F13/532 classification

(31) Priority Document :11169528.4

:10/06/2011 (32) Priority Date

(33) Name of priority :EPO

country

(86) International :PCT/US2012/040714 Application No

:04/06/2012 Filing Date

(87) International :WO 2012/170341 **Publication No**

(61) Patent of Addition to

:NA **Application Number** :NA Filing Date (62) Divisional to :NA **Application Number** :NA (71)Name of Applicant:

1) THE PROCTER & GAMBLE COMPANY

Address of Applicant :One Procter & Gamble Plaza Cincinnati

OH 45202 U.S.A.

(72)Name of Inventor:

1)HIPPE Matthias Konrad

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3)LOEFFLER Egon 4)BIANCHI Ernesto G.

5)KREUZER Carsten Heinrich

6)ARIZTI Blanca

(57) Abstract:

Filing Date

The invention relates to disposable diaper having absorbent cores comprising super absorbent polymer particles which are immobilized by adhesive. The absorbent core is attached to the back sheet of the disposable diaper only in certain attachment zones to reduce see through and the formation of tension lines on the back sheet.

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

(21) Application No.10600/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :10/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: OPERATION RESCHEDULING SUPPORT SYSTEM

(51) International classification	:B61L27/00,G06Q50/30	(71)Name of Applicant:
(31) Priority Document No	:2011129660	1)HITACHI LTD.
(32) Priority Date	:10/06/2011	Address of Applicant :6 6 Marunouchi 1 chome Chiyoda ku
(33) Name of priority country	:Japan	Tokyo 1008280 Japan
(86) International Application No	:PCT/JP2012/062791	2)EAST JAPAN RAILWAY COMPANY
Filing Date	:18/05/2012	(72)Name of Inventor:
(87) International Publication No	:WO 2012/169333	1)KUREMATSU Saori
(61) Patent of Addition to Application	:NA	2)OKADA Mitsunori
Number	:NA	3)SAKIKAWA Shuichiro
Filing Date	.IVA	4)SANO Toru
(62) Divisional to Application Number	:NA	5)NAKAMURA Kenichiro
Filing Date	:NA	6)IZUMI Shouji

(57) Abstract:

This operation rescheduling support system solves the problem of it being difficult for a dispatcher to judge which of a plurality of indicated sites pertaining to a delay event causing train delay is to be handled first because of the dispatcher being unable to see the correlation between the indicated sites or indication marks. In the operation rescheduling support system an indication pattern detection unit detects indicated sites where delay problems are occurring at predicted times calculated by a predicted time calculation unit and an indication link generation unit generates indication link information by detecting a correlation between the indicated sites. When the dispatcher places a mouse cursor on an indication mark displayed on an output apparatus a reception unit detects the positional relationship between the mouse cursor and the indicated site and an indication display unit displays the order of handling for the indicated site to which the indication mark is allotted on the basis of the indication link information.

No. of Pages: 33 No. of Claims: 7

(21) Application No.10601/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application: 10/12/2013 (43) Publication Date: 26/12/2014

(54) Title of the invention: RECONSTITUTION DEVICE

(51) International classification :A61J1/14,A61J3/00,B65D81/32 (71)Name of Applicant :

(31) Priority Document No :2745320 (32) Priority Date :06/07/2011

(33) Name of priority country :Canada

(86) International Application No:PCT/CA2012/000650

Filing Date :05/07/2012 (87) International Publication No: WO 2013/003951

(61) Patent of Addition to :NA **Application Number**

:NA Filing Date

(62) Divisional to Application :NA Number :NA

Filing Date

1)DUOJECT MEDICAL SYSTEMS INC.

Address of Applicant :50 rue De Gaspe Complex B 5 Bromont

Ouebec J2L 2N8 Canada (72)Name of Inventor:

1)REYNOLDS David L. 2)MACDONALD Daniel 3)TREMBLAY Yan 4)GEOFFROY Eric 5)VIENS Mathieu

(57) Abstract:

A reconstitution device (10) for mixing a first component (70) with a second component (72) wherein there are o provided first and seconds housings (12, 14) which are engageable together, a conduit (28) having an internal passageway (30) having a dispensing end and an inlet end, first, second and third plungers (52, 54) mounted in said internal passageway (30), first and o second compartments (70, 72) being defined by the plungers, a shearing channel (32) formed in a side wall of conduit (28) to permit mixing of contents located in the first and second compartments (74, 76), a plunger rod (58) to cause initial mixing of the first and second components (70, 72), and a spring member (48) biasing against the moveable member (42).

No. of Pages: 37 No. of Claims: 30

(19) INDIA

(22) Date of filing of Application :09/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: WIPER BLADE 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 	:B60S1/38 :10 2011 078 172.2 :28/06/2011 :Germany :PCT/EP2012/059355 :21/05/2012 :WO 2013/000624 :NA :NA	(71)Name of Applicant: 1)ROBERT BOSCH GMBH Address of Applicant: Postfach 30 02 20 70442 Stuttgart Germany (72)Name of Inventor: 1)DEPONDT Helmut 2)BEX Koen 3)HERINCKX Dirk
(62) Divisional to Application Number Filing Date	:NA :NA	

(21) Application No.10572/DELNP/2013 A

(57) Abstract:

The invention relates to a wiper blade device comprising at least one spring strip (10a e) at least one wiper strip support (12a e) and at least one end sealing unit (14a e). According to the invention the end sealing unit (14a e) comprises at least two detent elements (16a e 18a e) for fixing the spring strip (10a e) and/or the wiper strip support (12a e).

No. of Pages: 31 No. of Claims: 10

(21) Application No.10573/DELNP/2013 A

(19) INDIA

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

(43) Publication Date: 26/12/2014

(54) Title of the invention: WIPING DEVICE IN PARTICULAR WIPING DEVICE FOR A MOTOR VEHICLE PANE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:B60S1/38 :10 2011 078 197.8 :28/06/2011 :Germany :PCT/EP2012/059357 :21/05/2012 :WO 2013/000625 :NA :NA :NA	(71)Name of Applicant: 1)ROBERT BOSCH GMBH Address of Applicant: Postfach 30 02 20 70442 Stuttgart Germany (72)Name of Inventor: 1)DEPONDT Helmut 2)BEX Koen 3)HERINCKX Dirk
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(57) Abstract:

The invention relates to a wiping device in particular a wiping device for a motor vehicle pane comprising a spoiler unit (22a 22p). According to the invention said spoiler unit (22a 22p) is produced in a co extrusion process.

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

(19) INDIA

(22) Date of filing of Application :09/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: EXTERNAL COMBUSTION ENGINE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:F02G1/043 :UD2011A000070 :11/05/2011 :Italy :PCT/IB2012/000912 :11/05/2012 :WO 2013/050836 :NA :NA	(71)Name of Applicant: 1)INNOVATIVE TECHNOLOGICAL SYSTEMS S.R.L. Address of Applicant: Autoporto di Gorizia Polo Tecnologico TechnoAREA I 34170 Gorizia Italy (72)Name of Inventor: 1)GENTILE Davide
(61) Patent of Addition to Application	:NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(21) Application No.10576/DELNP/2013 A

(57) Abstract:

External combustion engine which comprises a first cylinder (11) and a second cylinder (12) in which a first piston (20) and a second piston (30) are able to slide respectively. The first (11) and second cylinder (12) are fluidically connected with respect to each other for the passage of a heat carrying fluid suitable to determine the cyclical movement of the first piston (20) and the second piston (30). The external combustion engine also comprises a drive shaft (21) rotating around an axis of rotation (Z) and with which crank means (25) are solidly associated provided with at least a first pin (26) and a second pin (32) having pivoting axes (J K) parallel to each other and also disposed distanced radially from the axis of rotation (Z). The external combustion engine also comprises first (22 23) and second (31) kinematic connection means suitable to connect respectively the first pin (26) and the second pin (32) to the first piston (20) and respectively to the second piston (30). The first pin (26) and the second pin (32) are disposed with the respective pivoting axes (J K) angularly offset so as to be angled by a desired angular amplitude equal to a first acute angle () with respect to the axis of rotation (Z).

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

(21) Application No.10577/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :09/12/2013 (43) Publication Date : 26/12/2014

:NA

(54) Title of the invention: DRILL CUTTING INSERT

(51) International classification :B23B27/14,B23B51/04 (71)Name of Applicant : (31) Priority Document No 1)CERATIZIT AUSTRIA GESELLSCHAFT M.B.H. :GM 382/2011 (32) Priority Date Address of Applicant : A 6600 Reutte Austria :05/07/2011 (33) Name of priority country (72)Name of Inventor: :Austria 1)PRAST Josef (86) International Application No :PCT/AT2012/000179 Filing Date :03/07/2012 2)VENTURINI Remus (87) International Publication No :WO 2013/003874 3)SCHLEINKOFER Uwe (61) Patent of Addition to Application :NA :NA Filing Date (62) Divisional to Application Number :NA

(57) Abstract:

Filing Date

There is provided a drill cutting insert (1) having a top side (2) an underside (3) a peripheral side surface (4) which connects the top side (2) and the underside (3) together and a cutting edge (5) formed at the transition between the side surface (4) and the top side (2). The cutting edge (5) is formed such that n identical cutting corners (8) and n identical partial cutting edges (9) which extend between in each case two cutting corners (8) are formed where n {3 4}. Each of the n partial cutting edges (9) has: adjoining a first cutting corner (8) a main lip (10) which is straight in plan view of the top side (2); adjoining the other cutting corner (8) a secondary lip (12) which is straight in plan view of the top side (2) and a transition section (11) via which the main lip (10) and the secondary lip (12) merge into one another and which has a convex section adjoining the main lip (10) and a concave section adjoining the secondary lip (12). The main lip (10) and the secondary lip (12) enclose on the outside an angle a < 180° with one another in plan view of the top side (2).

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

(22) Date of filing of Application :03/12/2013

(43) Publication Date: 26/12/2014

(54) Title of the invention : METHOD OF SUPPLYING Zn-Al ALLOY TO MOLTEN ZINC POT, METHOD OF ADJUSTING CONCENTRATION OF AI IN MOLTEN ZINC BATH, AND APPARATUS FOR SUPPLYING Zn-Al ALLOY TO MOLTEN ZINC POT

(31) Priority Document No :201 (32) Priority Date :05/ (33) Name of priority country :Jap (86) International Application No :PC Filing Date :04/	NA 3)OMODAKA Masaaki 4)NISHIMURA Hideki	ku
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(57) Abstract:

A method of supplying a Zn-Al alloy to a molten zinc pot which accommodates a molten zinc bath in a hot dip galvanizing line, includes: supplying the Zn-Al alloy from a supply portion provided at a lower portion of an insertion guide having a pipe shape, in which the supply portion is immersed between an inner wall of the molten zinc pot on a downstream side in a travelling direction of a steel sheet and a front support roll installed in the molten zinc bath at a depth within ± 400 mm from a lower end of the front support roll, and an inside of the insertion guide is pressurized by inert gas to prevent the molten zinc bath from advancing to the insertion guide.

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

(43) Publication Date: 26/12/2014

(21) Application No.10406/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :03/12/2013

(54) Title of the invention: METHOD FOR THE PRODUCTION OF 2 AMINO 5 CYANO N 3 DIMETHYLBENZAMIDE

(51) International :C07C255/58,C07C227/16,C07C253/14 classification

(31) Priority Document :11173323.4

:08/07/2011 (32) Priority Date

(33) Name of priority :EPO country

(86) International

:PCT/EP2012/063167 Application No

:05/07/2012 Filing Date

(87) International :WO 2013/007603 **Publication No**

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to :NA **Application Number** :NA Filing Date

(71)Name of Applicant:

1)BAYER INTELLECTUAL PROPERTY GMBH

Address of Applicant : Alfred Nobel Str. 10 40789 Monheim

Germany

(72)Name of Inventor:

1)VOLZ Frank

2)HIMMLER Thomas 3)MLLER Thomas Norbert

4)LEHMANN Sandra

5) VON MORGENSTERN Sascha

6)MORADI Wahed Ahmed

7)PAZENOK Sergii

8)LUI Norbert

(57) Abstract:

The present invention relates to a process for preparing 2-amino-5-cyano-N,3-dimethylbenzamide of formula (I), NH, (!) NC, NHMe 0 by reacting 2-amino-5-cyano-3-methylbenzoic esters or diesters with methylamine.

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

(22) Date of filing of Application :09/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: LAMINATE ABSORBENT CORE FOR USE IN ABSORBENT ARTICLES

(51) International classification :A61F13/15,A61F13/536 (71)Name of Applicant : (31) Priority Document No 1) THE PROCTER & GAMBLE COMPANY :11169519.3 (32) Priority Date Address of Applicant :One Procter & Gamble Plaza Cincinnati :10/06/2011 (33) Name of priority country :EPO OH 45202 U.S.A. (86) International Application No (72)Name of Inventor: :PCT/US2012/041517 Filing Date :08/06/2012 1)THOMANN Maike (87) International Publication No :WO 2012/170795 2)EHRNSPERGER Bruno Johannes (61) Patent of Addition to Application 3)MASSA Alessandra :NA 4)LASO Manuel :NA Filing Date 5)WIRTZ Birgit (62) Divisional to Application Number :NA 6)ENGEL Roland Filing Date :NA

(57) Abstract:

The invention relates to absorbent cores having high amounts of superabsorbent polymer material which are immobilized by adhesive. The absorbent cores have reduced peak force when subjected to the Laminate Compression Extension Test Method and also exhibit reduced delamination upon swelling of the superabsorbent polymer material.

No. of Pages: 57 No. of Claims: 15

(21) Application No.10581/DELNP/2013 A

(19) INDIA

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

(43) Publication Date: 26/12/2014

(54) Title of the invention : METHOD AND APPARATUS FOR MAKING ABSORBENT STRUCTURES WITH ABSORBENT MATERIAL

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International 	:A01F13/13,A01F13/332,A01F13/4/ :11169396.6 :10/06/2011 :EPO :PCT/US2012/041522 :08/06/2012	(71)Name of Applicant: 1)THE PROCTER & GAMBLE COMPANY Address of Applicant: One Procter & Gamble Plaza Cincinnati Ohio 45202 U.S.A. (72)Name of Inventor: 1)JACKELS Hans Adolf 2)KREUZER Carsten Heinrich
Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date	:WO 2012/170798 :NA :NA :NA	

(57) Abstract:

Apparatus (1) and method for producing absorbent structures with absorbent layers with channel(s) without absorbent material using a first moving endless surface (20) with specific raised strip(s) (25) and a second moving endless surface (30) with specific mating strip(s) (31).

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

(21) Application No.10582/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :09/12/2013 (43) Publication Date: 26/12/2014

(54) Title of the invention: SURFACTANT REMOVAL FROM PALLADIUM NANOPARTICLES

(51) International classification :B22F1/00,H01M4/92,B82B3/00 (71)Name of Applicant :

(31) Priority Document No :NA (32) Priority Date :NA (33) Name of priority country :NA

(86) International Application No:PCT/US2011/001030 Filing Date :08/06/2011

(87) International Publication No: WO 2012/169992

(61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to Application :NA Number :NA

1)UNITED TECHNOLOGIES CORPORATION

Address of Applicant :One Financial Plaza 22 Floor Hartford

CT 06103 U.S.A.

(72)Name of Inventor: 1)SHAO Minhua

(57) Abstract:

Filing Date

A method for removing a surfactant from a palladium nanoparticle includes exposing the palladium nanoparticle to hydrogen and removing the surfactant from the palladium nanoparticle. A method includes synthesizing a palladium nanoparticle us ing a surfactant. The surfactant influences a geometric property of the palladium nanoparticle and bonds to the palladium nano - particle. The method also includes exposing the palladium nanoparticle to hydrogen to remove the surfactant from the palladium nanoparticle.

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

(21) Application No.10583/DELNP/2013 A

(19) INDIA

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

(43) Publication Date: 26/12/2014

(54) Title of the invention: METHOD FOR OBTAINING A TISSUE ENGINEERING PRODUCT FOR REGENERATION OF **CARTILAGINOUS TISSUE**

(51) International :A61L27/38,A61K35/28,C12N5/077

classification

(31) Priority Document No :201130871 (32) Priority Date :27/05/2011 (33) Name of priority country: Spain

(86) International :PCT/ES2012/070298

Application No :30/04/2012 Filing Date

(87) International Publication :WO 2012/164121

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to :NA **Application Number** :NA Filing Date

(71)Name of Applicant:

1)BANC DE SANG I TEIXITS

Address of Applicant: Passeig Taulat 116 E 08005 Barcelona

Spain

(72)Name of Inventor:

1)PLA CALVET Pablo Arnau 2)CAMINAL BOBET Marta 3)VIVES ARMENGOL Joaquim

4)OLIVER VILA Irene 5)GARCIA LOPEZ Juan

(57) Abstract:

The present invention relates to a method for obtaining a tissue engineering product for regeneration of cartilaginous tissue said product comprising expanded bone marrow mesenchymal cells a non cellular matrix and a fibrin gel the method including the steps of: (a) expanding the mesenchymal cells; (b) combining the mesenchymal cells with the matrix; (c) washing the product obtained in step (b); and (d) mixing the product obtained in step (c) with a fibrin gel.

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

(22) Date of filing of Application :10/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: HYDRAULIC CONTROL SYSTEM HAVING SWING MOTOR ENERGY RECOVERY

(51) International classification: F15B21/14,F15B17/02,E02F9/22 (71) Name of Applicant: (31) Priority Document No :13/171047 1)CATERPILLAR INC. Address of Applicant :100 N.E. Adams Street Peoria IL 61629 (32) Priority Date :28/06/2011 (33) Name of priority country 9510 U.S.A. :U.S.A. (72)Name of Inventor: (86) International Application :PCT/US2012/042349 1)ZHANG Jiao No :14/06/2012 Filing Date 2)SHANG Tonglin (87) International Publication 3)SPRING Peter :WO 2013/003046 4)MA Pengfei (61) Patent of Addition to 5)PETERSON Randal :NA **Application Number** 6)CESUR Rustu :NA Filing Date

(57) Abstract:

Filing Date

Number

(62) Divisional to Application

:NA

:NA

A hydraulic control system (50) for a machine (10) is disclosed. The hydraulic control system may have a work tool (16) movable to perform an excavation cycle having a plurality of segments a motor (49) configured to swing the work tool during the excavation cycle and a pump (58) configured to pressurize fluid directed to drive the motor. The hydraulic control system may also have at least one accumulator (108 110) configured to selectively receive fluid discharged from the motor and to discharge fluid to the motor during the plurality of segments and a controller configured to implement a plurality of modes of operation. Each of the plurality of modes of operation includes a different combination of segments during which the at least one accumulator receives and discharges fluid.

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

(19) INDIA

(22) Date of filing of Application :10/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: MODULATION OF PANCREATIC BETA CELL PROLIFERATION

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:A61K48/00 :61/495868 :10/06/2011 :U.S.A. :PCT/US2012/041804 :10/06/2012 :WO 2012/170977 :NA :NA	(71)Name of Applicant: 1)PRESIDENT AND FELLOWS OF HARVARD COLLEGE Address of Applicant:17 Quincy Street Cambridge MA 02138 U.S.A. (72)Name of Inventor: 1)MELTON Douglas A. 2)YI Peng
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(21) Application No.10590/DELNP/2013 A

(57) Abstract:

Work described herein provides in one embodiment a method for increasing proliferation or replication of pancreatic beta cells in a subject in need thereof comprising administering to said subject an effective amount of an agent that increases the level or activity of hepatocellular carcinoma associated protein TD26 (TD26) thereby increasing proliferation or replication of pancreatic beta cells. Such an agent may function by for example increasing the level of active TD26 in the subject or by increasing the functional activity of TD26 in the subject.

No. of Pages: 129 No. of Claims: 88

(21) Application No.10591/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :10/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: METHOD FOR PRODUCING PAPER 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 	:D21H23/50 :A 655/2011 :10/05/2011 :Austria :PCT/AT2012/050065 :10/05/2012 :WO 2012/151602 :NA	(71)Name of Applicant: 1)STEINDL Roman Address of Applicant: Weitraer Strae 20/1 A 3910 Zwettl Austria (72)Name of Inventor: 1)STEINDL Roman
` '		
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The invention relates to a method for producing paper cardboard or paperboard in which dry spray starch is applied to a running damp material web and which is characterized in that the starch is sprayed onto the damp material web in a powder form by means of one or more nozzles together with a carrier gas at a speed of at least 0.5 m/s.

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

:NA

:NA

(21) Application No.10592/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :10/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention : HEATING VENTILATION AND/OR AIR CONDITIONING DEVICE WITH TARGETED POWER SUPPLY MANAGEMENT

(51) International classification: F24F11/00,F25B49/02,H02J3/14 (71)Name of Applicant: (31) Priority Document No :11/01830 1)VOLTALIS (32) Priority Date :15/06/2011 Address of Applicant: 10 rue Lincoln F 75008 Paris France (33) Name of priority country (72)Name of Inventor: :France (86) International Application 1)HEINTZ Bruno :PCT/FR2012/000238 No 2)OURY Jean Marc :12/06/2012 Filing Date 3)LEFEBVRE DE SAINT GERMAIN Hugues (87) International Publication 4)BIVAS Pierre :WO 2012/172193 No 5)BINEAU Mathieu (61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to Application

(57) Abstract:

Filing Date

Number

The invention relates to a heating ventilation and/or air conditioning device (1) including at least a first component (9) for generating heat and/or cold at least a second component (13) a power supply circuit (3) shared by the first and second components and a controller (4) for the power supply circuit (3). The first and the second components cooperate to output air at a selected temperature. The device is characterized in that it further includes a relay (5) for cutting off the supply of power to the first component (9). The relay (5) can be activated separately from the controller (4) and is arranged in the circuit such that the supply of power to the second component (13) is independent of the state of activation of the relay (5).

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

(21) Application No.10593/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application: 10/12/2013 (43) Publication Date: 26/12/2014

(54) Title of the invention: METHOD FOR MANUFACTURING A HIGH TEMPERATURE ULTRASONIC TRANSDUCER USING A LITHIUM NIOBATE CRYSTAL BRAZED WITH GOLD AND INDIUM

(51) International :H01L41/22,B06B1/06,G21C17/025

classification (31) Priority Document No :1155880

(32) Priority Date :30/06/2011 (33) Name of priority country: France

(86) International Application: PCT/EP2012/062675

No :29/06/2012 Filing Date

(87) International Publication :WO 2013/001056

(61) Patent of Addition to :NA **Application Number** :NA

Filing Date (62) Divisional to Application:NA Number

:NA Filing Date

(71)Name of Applicant:

1) COMMISSARIAT A LENERGIE ATOMIQUE ET AUX

ENERGIES ALTERNATIVES

Address of Applicant :25 rue Leblanc Btiment Le Ponant D F

75015 Paris France (72)Name of Inventor:

1)LHUILLIER Christian

(57) Abstract:

The invention relates to a method for manufacturing a high temperature ultrasonic transceiver said transceiver including a steel or metal upper electrode (2) a converter (3) made of a piezoelectric material and a steel or metal substrate (1) which provides the interface between the converter and the propagation medium for acoustic waves a first junction (J) between the substrate and the piezoelectric crystal and a second junction (J) between the converter and the upper electrode characterized in that said method includes for producing said gold or indium junctions a brazing and diffusion operation comprising the following steps: a first step of increasing the temperature to a first temperature between approximately 150°C and approximately 400°C and maintaining said first temperature for a first period of time corresponding to a first plateau; and a second step of increasing the temperature to a second temperature between approximately 400°C and approximately 1000°C and maintaining said second temperature for a second period of time corresponding to a second plateau.

No. of Pages: 26 No. of Claims: 23

(21) Application No.10428/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :03/12/2013

(43) Publication Date: 26/12/2014

(54) Title of the invention: IMPROVED CARBON SUPPORTED COBALT AND MOLYBDENUM CATALYST AND USE THEREOF FOR PRODUCING LOWER ALCOHOLS

(51) International :B01J21/18,B01J23/882,B01J37/03 classification

(31) Priority Document No :11075164.1 (32) Priority Date :08/07/2011

(33) Name of priority country :EPO

(86) International Application

:PCT/EP2012/002711 No

:28/06/2012 Filing Date

(87) International Publication

(61) Patent of Addition to

:NA **Application Number** :NA Filing Date

(62) Divisional to Application :NA Number :NA Filing Date

:WO 2013/007345

(71)Name of Applicant:

1)SAUDI BASIC INDUSTRIES CORPORATION

Address of Applicant : P.O. Box 5101 11422 Riyadh Saudi

(72)Name of Inventor:

1)KARIM Khalid

2)KHAN Asad

(57) Abstract:

The present invention relates to a method for preparing a catalyst composition comprising cobalt and molybdenum on a carbon support characterized in that the cobalt and molybdenum source are dissolved in an organic solvent that is miscible with water. Moreover a carbon supported cobalt molybdenum catalyst composition obtainable by said method and a process for producing alcohols from syngas using said carbon supported cobalt molybdenum catalyst composition is provided.

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

(21) Application No.10429/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :03/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention : ELECTRIC MACHINE SYNCHRONOUS GENERATOR FIELD POLE SYNCHRONOUS GENERATOR ROTOR COMPRISING A PLURALITY OF FIELD POLES AND METHOD FOR PRODUCING A SYNCHRONOUS GENERATOR FIELD POLE OF AN ELECTRIC MACHINE

(32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date Solve (30/6/2011 Filing Country Filing Date Solve (30/6/2011 Filing Country Filing Country Solve (30/6/2011 Filing Country Solve (30/6/2011 FORT/EP2012/060595 SOlve (30/6/2012 SOl	
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(57) Abstract:

There is provided a synchronous generator rotor pole assembly having a plurality of mutually displaced pole assembly segments (101-106) which respectively have a plurality of identical pole assembly plates. Each pole assembly plate has a pole shank (110) having a first centre line (118), and a pole head (120) having a second centre line (128). The first and 15 second centre lines can be different from each other in adjacent pole assembly segments (101-106).

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

(21) Application No.10430/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :03/12/2013 (43) Publication Date: 26/12/2014

(54) Title of the invention: PRODUCTION OF A TOWER

(51) International classification: B28B7/22,B28B17/00,E04H12/12 (71) Name of Applicant:

(31) Priority Document No :10 2011 078 016.5

(32) Priority Date :22/06/2011

(33) Name of priority country :Germany

(86) International Application :PCT/EP2012/061333

:14/06/2012 Filing Date

(87) International Publication :WO 2012/175406

(61) Patent of Addition to :NA **Application Number** :NA

Filing Date (62) Divisional to Application :NA Number :NA

Filing Date (57) Abstract:

1)WOBBEN PROPERTIES GMBH

Address of Applicant :Dreekamp 5 26605 Aurich Germany

(72)Name of Inventor: 1)KAPITZA Jan 2)ALBERS Karsten

3)HORN G¹/₄nther

The present invention relates to a method for producing a tower segment of a concrete tower of an wind energy installation, comprising the steps: providing a segment mold (2) having at least one formwork (1) for defining a mold of the tower segment (80) that is to be produced and for filling with concrete; filling the segment mold (2) with concrete in order to form the tower segment (80) by the subsequent hardening of the concrete; measuring the tower segment (80) thus hardened for creating a threedimensional, virtual actual model of said tower segment (80); producing said three-dimensional actual model; comparing the three-dimensional actual model with a predefined mold, in particular a stored threedimensional, virtual target model; and determining a deviation between both virtual models and changing the segment mold (2), in particular changing the at least one formwork (1) when the deviation exceeds a first predefined threshold value.

No. of Pages: 50 No. of Claims: 39

(21) Application No.10610/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :10/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: UNTEMPERED STEEL AND UNTEMPERED STEEL MEMBER

(51) International classification :C22C38/00,C22C38/60 (71)Name of Applicant : 1)NIPPON STEEL & SUMITOMO METAL (31) Priority Document No :2011112260 (32) Priority Date :19/05/2011 CORPORATION (33) Name of priority country Address of Applicant: 6 1 Marunouchi 2 chome Chiyoda ku :Japan (86) International Application No :PCT/JP2012/061648 Tokyo 1008071 Japan Filing Date :07/05/2012 (72)Name of Inventor: (87) International Publication No :WO 2012/157455 1)SANO Naovuki (61) Patent of Addition to Application 2)HASEGAWA Tatsuya :NA :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract:

Provided is an untempered steel having the chemical composition [Ti] 3.4 [N] 1.5 [S] <0and0.60< [C] + ([Si]/10) + ([Mn]/5) + (5 [Cr]/22) + (33 [V]/20) (5 [S]/7) <0.80 and comprising by mass% C:0.27 to 0.40% Si:0.15 to 0.70% Mn:0.55 to 1.50% P:0.010 to 0.070% S:0.05 to 0.15% Cr:0.10 to 0.60% V:0.030% or more but less than 0.150% Ti: greater than 0.10% but 0.200% or less Al:0.002 to 0.050% N:0.002 to 0.020% and when necessary either Cu = 0.40% or Ni = 0.30% with the balance being Fe and impurities. The untempered steel is ideal as a material for untempered steel members such as the connecting rod of an automobile engine that undergoes fracture splitting after hot forging and molding into a predetermined shape and requires high yield strength. Moreover untempered steel having the abovementioned chemical composition and sw = 450MPa at vE:1.0 to 7.0J/cm can be used as the connecting rod for an automobile engine and the like.

No. of Pages: 43 No. of Claims: 3

(21) Application No.10445/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :05/12/2013

(43) Publication Date: 26/12/2014

(54) Title of the invention : CELLULOSE ESTERS HAVING MIXED PHASE TITANIUM DIOXIDE PARTICLES FOR IMPROVED DEGRADATION

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:13/167239 :23/06/2011 :U.S.A.	(71)Name of Applicant: 1)EASTMAN CHEMICAL COMPANY Address of Applicant: 200 South Wilcox Drive Kingsport TN 37660 U.S.A. (72)Name of Inventor: 1)WILSON Steven Anthony 2)STEACH Jeremy Kenneth 3)FAUVER Jerry Steven
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Degradable cellulose esters are disclosed that have incorporated therein or thereon mixed phase titanium dioxide particles. The esters may be in the form of filters prepared by applying a plasticizer having the mixed phase titanium dioxide particles dispersed therein to cellulose ester fibers to obtain plasticized cellulose ester fibers; and thereafter forming the plasticized cellulose ester fibers into a filter. Alternatively the particles may be added to the dope from which the fibers are spun or blended with a cellulose ester intended for molded articles.

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

(22) Date of filing of Application :05/12/2013 (43) Publication Date: 26/12/2014

(54) Title of the invention: SYSTEM AND METHOD FOR WATER PURIFICATION WITH AUTOMATIC PURGE

(51) International classification :C02F1/44,C02F9/00,C02F1/32 (71)Name of Applicant :

(31) Priority Document No :1155632 (32) Priority Date :24/06/2011

(33) Name of priority country :France

(86) International Application No :PCT/IB2012/053115 Filing Date :20/06/2012

(87) International Publication No :WO 2012/176135

(61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to Application :NA Number :NA Filing Date

1)EMD MILLIPORE CORPORATION

Address of Applicant :290 Concord Road Billerica

Massachusetts 01821 U.S.A. (72)Name of Inventor:

1)GAIGNET Yves 2)MEYER Didier 3)BOLE Julien

(57) Abstract:

The invention concerns a treated water purification system (107) comprising a water flow loop (110) said loop (110) being closed onto a tank (10) of treated water to purify and said loop (110) successively comprising in the direction of flow of the water downstream of the tank (10) at least one pump means (102) at least one first filtration means (103) at least one second filtration means (104) and at least one point of use (U) the system (107) being characterized in that it further comprises at least one diversionary pipe (112) linking the first filtration means (103) to the tank (10) and a loop return pipe (114) linking the second filtration means (104) to the tank (10). Method for use of such a system.

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

(22) Date of filing of Application :05/12/2013 (43) Publication Date: 26/12/2014

:NA

:NA

(54) Title of the invention: SYSTEM AND METHOD FOR PURIFICATION AND DISTRIBUTION OF WATER WITH SEPARATION BARRIER TAKING AWAY THE BIOLOGICAL CONTAMINATION

:C02F9/00,C02F1/32,C02F1/44 (71)Name of Applicant : (51) International classification (31) Priority Document No 1)EMD MILLIPORE CORPORATION :1155630 (32) Priority Date Address of Applicant :290 Concord Road Billerica :24/06/2011 (33) Name of priority country Massachusetts 01821 U.S.A. :France (86) International Application No :PCT/IB2012/053114 (72)Name of Inventor: Filing Date :20/06/2012 1)GAIGNET Yves (87) International Publication No: WO 2012/176134 2)MEYER Didier (61) Patent of Addition to 3)BOLE Julien :NA **Application Number** :NA Filing Date (62) Divisional to Application

(57) Abstract:

Filing Date

Number

The invention concerns a treated water purification system (18) comprising a closed water flow loop (107) said loop comprising at least one treated water supply point (A) at least one point of use (U) of purified water a pump means (101) a sterilization means (106) and a filtration means (103) characterized in that the zone (106) comprises the supply point (A) and a water extraction point (P) situated upstream of the supply point (A) and in that the extraction point (P) and the supply point (A) are both situated in a sector (106B) of the sterilization zone (106) that is isolated from the two connection points (R R) of the loop (107) to the zone (106) by two other sectors (106A 106C) of the zone (106). Method for use of such a system.

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

(21) Application No.10620/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :10/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: VIBRATION ISOLATOR

(51) International classification :F16F13/18,F16F13/10 (71)Name of Applicant : 1)BRIDGESTONE CORPORATION (31) Priority Document No :2011147612 (32) Priority Date :01/07/2011 Address of Applicant: 10 1 Kyobashi 1 chome Chuo ku Tokyo (33) Name of priority country :Japan 1048340 Japan (72)Name of Inventor: (86) International Application No :PCT/JP2012/066742 Filing Date :29/06/2012 1)TSUTSUMI Tatsuya (87) International Publication No :WO 2013/005681 (61) Patent of Addition to Application :NA :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract:

Provided is a vibration isolator (10) that includes a partition member (15) that divides a liquid chamber of a first attachment member (11) into a main liquid chamber (16a) of one side in an axial direction and an auxiliary liquid chamber (16b) of the other side in the axial direction and a movable plate (18) that is displaced depending on a pressure difference between the main liquid chamber (16a) and the auxiliary liquid chamber (16b) the partition member (15) is formed with an accommodation chamber (29) that accommodates the movable plate (18) and is formed with a first communication hole (23) through which the accommodation chamber (29) communicates with the main liquid chamber (16a) and a second communication hole (24) through which the accommodation chamber (29) communicates with the auxiliary liquid chamber (16b). An opening area in the partition member (15) of the first communication hole (23) is greater than an opening area in the partition portion (15) of the second communication hole (24).

No. of Pages: 22 No. of Claims: 1

(21) Application No.10602/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :10/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention : HIGH CAPACITY SUCTION STRAINER FOR AN EMERGENCY CORE COOLING SYSTEM IN A NUCLEAR POWER PLANT

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:B01D35/02 :61/492258 :01/06/2011 :U.S.A. :PCT/US2012/037019 :09/05/2012 :WO 2012/166307 :NA :NA	(71)Name of Applicant: 1)TRANSCO PRODUCTS INC. Address of Applicant:55 East Jackson Boulevard Suite 2100 Chicago IL 60604 U.S.A. (72)Name of Inventor: 1)ANDERSEN Charles 2)WOLBERT Edward 3)HAWKINS Nicholas
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A high capacity suction strainer for a nuclear reactor has a frame a flow through plenum and a filter array. The flow through plenum is mechanically mounted to the frame and has a plurality of inlets and an outlet. The filter array is also mechanically mounted to the frame and has a plurality of filter groupings in fluid communication with the inlet on the plenum.

No. of Pages: 68 No. of Claims: 85

(21) Application No.10603/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application: 10/12/2013 (43) Publication Date: 26/12/2014

(54) Title of the invention: BACK CALIBRATION METHOD FOR SENSOR

:G06F19/00,A61B5/145 (71)Name of Applicant : (51) International classification (31) Priority Document No :61/484985 1)BAYER HEALTHCARE LLC (32) Priority Date Address of Applicant :555 White Plains Road Tarrytown New :11/05/2011 (33) Name of priority country York 10591 U.S.A. :U.S.A. (72)Name of Inventor: (86) International Application No :PCT/US2012/037487 Filing Date :11/05/2012 1)YAO Simin (87) International Publication No :WO 2012/155032 (61) Patent of Addition to Application :NA

:NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract:

Methods apparatuses and systems for back calibration of data from a continuous sensor are provided. The continuous sensor may be calibrated periodically by comparing raw sensor values from the sensor to sensor values obtained from a second sensor such as a blood glucose meter (BGM). Each calibration may produce a calibration factor. In an aspect the calibration factor may be applied to sensor values acquired prior to the calibration (i.e. back calibration). In a further aspect a first calibration and a second calibration may be applied to raw sensor values acquired at a time point between the first calibration and the second calibration. The first and second calibrations may be applied to the raw sensor values by weighted averaging according to the proximity of the first and second calibrations to the acquisition time of the raw sensor value.

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

(21) Application No.10604/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :10/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: GEL COMPOSITIONS

(51) International :A61K9/00,A01N25/00,A61K47/00

classification (31) Priority Document No :61/495282

(31) Priority Document No :61/495282 (32) Priority Date :09/06/2011 (33) Name of priority country :U.S.A.

(86) International Application :PCT/US2012/041519

No :1C1/03201 Filing Date :08/06/2012

(87) International Publication :WO 2012/170796

No

(61) Patent of Addition to Application Number Filing Date :NA

(62) Divisional to Application :NA
Number :NA
Filing Date

(71)Name of Applicant:

1)AMYLIN PHARMACEUTICALS LLC

Address of Applicant :9360 Towne Centre Drive San Diego

CA 92121 U.S.A.

2)ASTRAZENECA PHARMACEUTICALS LP

(72)Name of Inventor:1)CHEN Hailiang2)CHEN Andrew Xian

(57) Abstract:

The present invention is directed to compositions and methods of preparation of phospholipid gels.

No. of Pages: 47 No. of Claims: 19

(22) Date of filing of Application :10/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: COMBUSTIBLE HEAT SOURCE FOR A SMOKING ARTICLE

:NA

(51) International classification	:A24B15/16,A24F47/00	(71)Name of Applicant :
(31) Priority Document No	:11250578.9	1)PHILIP MORRIS PRODUCTS S.A.
(32) Priority Date	:02/06/2011	Address of Applicant :Quai Jeanrenaud 3 CH 2000 Neuchtel
(33) Name of priority country	:EPO	Switzerland
(86) International Application No	:PCT/EP2012/060411	(72)Name of Inventor:
Filing Date	:01/06/2012	1)GLADDEN Thomas
(87) International Publication No	:WO 2012/164077	2)POGET Laurent
(61) Patent of Addition to Application	:NA	3)JOCHNOWITZ Evan
Number	:NA	4)ROUDIER Stphane
Filing Date	.IVA	5)MALGAT Alexandre
(62) Divisional to Application Number	:NA	6)BONNELY Samuel

(57) Abstract:

Filing Date

A combustible heat source (4) for a smoking article (2) comprises carbon and at least one ignition aid wherein the ignition aid is present in an amount of at least 20 percent by dry weight of the combustible heat source. The combustible heat source (4) has a first portion and an opposed second portion. At least part (4b) of the combustible heat source (4) between the first portion and the second portion is wrapped in a combustion resistant wrapper (22) that is one or both of heat conducting and substantially oxygen impermeable. Upon ignition of the first portion of the combustible heat source (4) the second portion of the combustible heat source increases in temperature to a first temperature. During subsequent combustion of the combustible heat source (4) the second portion of the combustible heat source (4) maintains a second temperature lower than the first temperature.

No. of Pages: 54 No. of Claims: 17

(21) Application No.10606/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :10/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: CONTAINER AND LIFTING MEANS FOR AN ARTICLE

(51) International classification :B65D5/52,B65D85/10 (71)Name of Applicant : (31) Priority Document No 1)PHILIP MORRIS PRODUCTS S.A. :11004843.6 (32) Priority Date Address of Applicant :Quai Jeanrenaud 3 CH 2000 Neuchtel :14/06/2011 (33) Name of priority country :EPO Switzerland (86) International Application No :PCT/EP2012/002492 (72)Name of Inventor: Filing Date :13/06/2012 1)NADEAU Sandrine (87) International Publication No :WO 2012/171636 (61) Patent of Addition to Application :NA :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract:

The present invention relates to a container (1) comprising a box (2) and a lid (3) wherein a lifting means (41) for articles (42) in particular smoking articles is provided in the container (1). The lifting means (41) comprises a lifting panel (45) which is hingedly connected via a first hinge line (44) to the inside of a bottom wall (4) of the box (2) and a back folding panel (47) depending from the lifting panel (45) via a second hinge line (46). The back folding panel (47) is adapted to transfer a movement of the lid (3) to the lifting panel (45) such that the lifting panel (45) is lifted when the lid (3) is moved in the open position. The lifting panel (45) further comprises a holding means with a cut out (48) provided in the lifting panel (45) wherein the cut out (48) is adapted to at least partially receive the article (42). The present invention further relates to a lifting means (41) and the use of a lifting means (41).

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

(22) Date of filing of Application :09/12/2013 (43) Publication Date: 26/12/2014

(54) Title of the invention: HYDRAULIC MACHINE AND METHOD OF CONTROLLING SAME

(51) International classification: F03B11/00,F03B3/02,F03B15/04 (71) Name of Applicant:

:09/05/2013

(31) Priority Document No :2012115591 (32) Priority Date :21/05/2012

(33) Name of priority country :Japan

(86) International Application :PCT/JP2013/063017 No

Filing Date

(87) International Publication :WO 2013/175969

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to Application :NA Number :NA Filing Date

(57) Abstract:

1)KABUSHIKI KAISHA TOSHIBA

Address of Applicant: 1 1 Shibaura 1 chome Minato ku Tokyo

1058001 Japan

(72)Name of Inventor: 1)GOTO Motoi

2)TOMIYASU Hisayuki

To provide a hydropower machine which can improve the precision of the drive control of a ring gate and can also improve drive speed. [Solution] According to one embodiment a hydropower machine comprises a ring gate provided between a stay vane placed in the inner periphery of a casing into which water flows and a guide vane placed in the inner periphery of the stay vane. The machine also comprises at least one hydraulic servomotor for driving the ring gate and a pressure oil device for supplying pressure oil to the hydraulic servomotor and recovering the pressure oil expelled from the hydraulic servomotor. The machine also comprises at least one first valve which has a first rated flow rate and switches between supplying oil and expelling oil to and from the corresponding hydraulic servomotor and at least one second valve which has a second rated flow rate equal to or less than the first rated flow rate and switches between supplying oil and expelling oil to and from the corresponding hydraulic servomotor. The machine also comprises a control device for controlling the first and second valves.

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

(22) Date of filing of Application :09/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: PEPTIDE CARRIER FUSION PROTEINS AS ALLERGY VACCINES

(51) International classification	:A61K39/36,C07K14/02	(71)Name of Applicant:
(31) Priority Document No	:11169365.1	1)BIOMAY AG
(32) Priority Date	:09/06/2011	Address of Applicant :Lazarettgasse 19/1, 1090 Wien Austria
(33) Name of priority country	:EPO	(72)Name of Inventor:
(86) International Application No	:PCT/EP2012/061040	1)NIESPODZIANA Katarzyna
Filing Date	:11/06/2012	2)FOCKE TEJKL Margarete
(87) International Publication No	:WO 2012/168487	3)VRTALA Susanne
(61) Patent of Addition to Application	:NA	4)BANERJEE Srinita
Number	:NA	5)CHEN Kuan Wei
Filing Date	.NA	6)WEBER Milena
(62) Divisional to Application Number	:NA	7)VALENTA Rudolf
Filing Date	:NA	8)MARTH Katharina

(57) Abstract:

The present invention relates to a polypeptide comprising at least three peptide fragments consisting of 10 to 50 consecutive amino acid residues of at least one wild-type aller gen fused to the N- and C-terminus of a surface polypeptide of a virus of the Patient AS 6.00 hepadnaviridae family or at least one fragment of said surface polypeptide.

No. of Pages: 173 No. of Claims: 27

(21) Application No.10586/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :09/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: RODS FOR USE IN SMOKING ARTICLES

:31/05/2012

:WO 2012/164009

(51) International classification :A24B3/14,A24C5/18,A24F47/00 (71) Name of Applicant:

(31) Priority Document No :11250571.4 (32) Priority Date :31/05/2011

(33) Name of priority country :EPO

(86) International Application :PCT/EP2012/060230

NO EIII D

Filing Date

(87) International Publication

(61) Patent of Addition to
Application Number :NA

Application Number :NA
Filing Date
(62) Divisional to Application

Number :NA Filing Date :NA

(57) Abstract:

1)PHILIP MORRIS PRODUCTS S.A.
Address of Applicant :Quai Jeanrenaud 3 CH 2000 Neuchatel Switzerland
(72)Name of Inventor:
1)GINDRAT Pierre Yves

A rod (22) for use in a smoking article comprises a gathered sheet of homogenised tobacco material circumscribed by a wrapper (12). The sheet of homogenised tobacco material may comprises one or more aerosol formers and have an aerosol former content of greater than 5% on a dry weight basis or of between 5% and 30% by weight on a dry weight basis. The rod (22) may comprise a continuous element to which one or more additives have been applied which is incorporated into the gathered continuous sheet of homogenised tobacco material. A method of forming the rod comprises the steps of: providing a continuous sheet of homogenised tobacco material (2); gathering the continuous sheet of homogenised tobacco material (8) transversely relative to the longitudinal axis thereof; circumscribing the gathered continuous sheet of homogenised tobacco material (8) with a wrapper (12) to form a continuous rod; and severing the continuous rod into a plurality of discrete rods (22). The sheet of homogenised tobacco material is preferably crimped or otherwise textured.

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

(22) Date of filing of Application :09/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention : SEQUENTIAL PROCESS FOR BIOLOGICALLY TREATING WATER IMPLEMENTING BIOMASS GRANULES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:1155482 :22/06/2011 :France	(71)Name of Applicant: 1)VEOLIA WATER SOLUTIONS & TECHNOLOGIES SUPPORT Address of Applicant: LAquar ne 1 place Montgolfier F 94417 Saint Maurice Cedex France (72)Name of Inventor: 1)SORENSEN Kim
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA	

(57) Abstract:

The invention relates to a process for treating wastewater containing organic matter within a reactor accommodating biomass granules and provided with aeration means. According to the invention such a process includes a plurality of consecutive cycles each of which include: an anaerobic step of feeding wastewater into said reactor during which said water is mixed with said granules so as to form a fluidized bed; an anaerobic step of stirring the contents of said reactor; a step of aerating the contents of said reactor; a settling step; and a step of discharging treated water free of organic matter.

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

(21) Application No.10456/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :05/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: CUTTING INSERT FOR A FOODSTUFF CHOPPING APPARATUS

(51) International classification(31) Priority Document No(32) Priority Date	:B26D3/18,B26D3/26,A47J43/07 :20 2011 050 041.1 :05/05/2011	(71)Name of Applicant: 1)GENIUS GMBH Address of Applicant: Repac Cedomir Im Dachsst ¹ / ₄ ck 8
(33) Name of priority country	:Germany	65549 Limburg Germany
(86) International Application No Filing Date	:PCT/EP2012/001938 :04/05/2012	(72)Name of Inventor : 1)GENIUS GMBH
(87) International Publication No	:WO 2012/150044	
(61) Patent of Addition toApplication NumberFiling Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The invention relates to a cutting insert having a first cutting blade arrangement for a foodstuff chopping apparatus which has a ram for pushing material to be chopped through the cutting insert. The first cutting blade arrangement is arranged in a first region of the cutting insert and a second region different from the first region has a second cutting blade arrangement.

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

(21) Application No.10627/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :10/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: PRESSURE PULSE GENERATOR

(51) International classification :F01L9/02,F15B21/12,F16K31/122

:WO 2012/166035

(31) Priority Document No :11004355 (32) Priority Date :03/06/2011

(33) Name of priority country: Sweden

(86) International Application :PCT/SE2012/000085

Filing Date :03/06/2012

(87) International Publication

No (61) Patent of Addition to :NA

Application Number Filing Date :NA

(62) Divisional to Application
Number
Filing Date
:NA

(71)Name of Applicant:

1)ALTERNATIVE SOLAR ENERGY ENGINE AB Address of Applicant :Forssa –stra Bvensvik S 64034

Sparreholm Sweden (72)Name of Inventor:
1)HEDMAN Mats

(57) Abstract:

Pressure pulse generator comprising a cylinder (2) a body (9) connected to the cylinder (2) a first channel (15) extending from the cylinder (2) to a pressure sink LP a pressure fluid circuit having a second channel (4) extending to the cylinder (2) from a pressure source HP an actuator piston (3) being displaceable arranged a controllable first valve body (5) arranged in the second channel (4) to open or close a pressure fluid flow in said second channel (4) an electro element (7) to control the valve body (5) a second valve body (8) arranged at or to the second channel (4) for opening or closing of said channel (4). The second valve body (8) is an element rigidly connected to the actuator piston (3).

No. of Pages: 15 No. of Claims: 5

(21) Application No.10628/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :10/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: LINEAR MOTOR FOR A SMALL ELECTRIC HANDHELD DEVICE

(51) International classification :H02K33/16,B26B21/38 (71)Name of Applicant : (31) Priority Document No 1)THE GILLETTE COMPANY :61/502942 (32) Priority Date Address of Applicant: World Shaving Headquarters IP/Legal :30/06/2011 (33) Name of priority country Patent Department 3E One Gillette Park Boston Massachusetts :U.S.A. 02127 U.S.A. (86) International Application No :PCT/US2012/039483 Filing Date :25/05/2012 (72)Name of Inventor: (87) International Publication No :WO 2013/002925 1)DOLL Alexander Franz (61) Patent of Addition to Application 2)SCHOBER Uwe :NA 3)KRESSMANN Frank Peter :NA Filing Date 4)ZIEGLER Frank (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract:

A handle for a small electric handheld appliance in which the handle comprises a motor assembly disposed in the handle. The motor assembly comprises a generally L shaped magnetic yoke formed from two substantially perpendicular surfaces such that the two substantially perpendicular surfaces define a concave receiving portion. The motor assembly also comprises an iron core and a coil winding disposed substantially in the concave receiving portion such that the iron core and the coil winding are free from contact with one of the two substantially perpendicular surfaces when the motor is at rest.

No. of Pages: 24 No. of Claims: 11

(22) Date of filing of Application: 10/12/2013 (43) Publication Date: 26/12/2014

(54) Title of the invention: METHODS FOR INTEGRATED FAST PYROLYSIS PROCESSING OF BIOMASS

(51) International classification :C10G3/00,C10L5/40,C10L5/44 (71)Name of Applicant :

(31) Priority Document No :61/486304 :15/05/2011 (32) Priority Date

(33) Name of priority country :U.S.A.

(86) International Application No :PCT/US2012/037853

Filing Date :14/05/2012 (87) International Publication No: WO 2012/158651

(61) Patent of Addition to $\cdot NA$ **Application Number** :NA Filing Date

(62) Divisional to Application :NA Number :NA

1)AVELLO BIOENERGY INC.

Address of Applicant :Suite 2116 666 Walnut St. Des Moines

IA 50309 U.S.A.

(72)Name of Inventor: 1)ELLENS Cody 2)BROWN Jared 3)POLLARD Anthony

4)BANASIAK Dennis

Filing Date

(57) Abstract:

Methods process apparatus equipment and systems are disclosed for converting biomass into bio oil fractions for chemicals materials feedstocks and fuels using a low cost integrated fast pyrolysis system. The system improves upon prior art by creating stable bio oil fractions which have unique properties that make them individually superior to conventional bio oil. The invention enables water and low molecular weight compounds to be separated into a final value added fraction suitable for upgrading or extracting into value added chemicals fuels and water. Initial bio oil fractions from the process are chemically distinct have low water content and acidity which reduces processing costs normally associated with conventional bio oil post production upgrading since fewer separation steps milder processing conditions and lower auxiliary inputs are required. Biochar is stabilized so that it can be handled safely. The integrated fast pyrolysis process includes biomass storage preparation pretreatment and conversion product recovery and processing to create and store stable biochar and bio oil fractions.

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

(21) Application No.10630/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application: 10/12/2013 (43) Publication Date: 26/12/2014

(54) Title of the invention: SYSTEM AND METHOD FOR INSPECTING COMPONENTS OF HYGIENIC ARTICLES

(51) International :G06T7/00,G01N21/956,G06K9/20 classification

(31) Priority Document No :13/172463 (32) Priority Date :29/06/2011 (33) Name of priority country: U.S.A.

(86) International Application :PCT/US2012/044752

No :29/06/2012 Filing Date

(87) International Publication :WO 2013/003657

No

(61) Patent of Addition to **Application Number** :NA Filing Date

(62) Divisional to Application :NA Number :NA

Filing Date

(71)Name of Applicant:

1) THE PROCTER & GAMBLE COMPANY

Address of Applicant :One Procter & Gamble Plaza Cincinnati

OH 45202 U.S.A.

(72)Name of Inventor:

1)BERTIN Jeremy Georges 2)SINGH Rajesh Kumar 3)HOFFMANN Markus Ingo

4)LUMSDEN Randolph William

(57) Abstract:

System and method to inspect hygienic articles. Defects are detected using a vision system by comparing an inspection image of a component to a reference image of a defect free component. Detection of a defect can then be used to reject components and perform other functions.

No. of Pages: 25 No. of Claims: 14

(21) Application No.10611/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :10/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: MOUNTING HARDWARE AND MOUNTING SYSTEM FOR VERTICAL PANELS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:17/05/2012 :WO 2012/158909 :NA :NA	(71)Name of Applicant: 1)ARMSTRONG WORLD INDUSTRIES INC. Address of Applicant: 2500 Columbia Avenue Lancaster Pennsylvania 17604 U.S.A. (72)Name of Inventor: 1)BERGMAN Todd M.
- 10	:NA :NA :NA	

(57) Abstract:

A mounting hardware (10) and a mounting system for mounting a vertical panel from a support member suspended from a ceiling. The mounting hardware (10) has a panel mounting section (70 50 72) a support member receiving portion (52) and a movable mounting section (58). The support member receiving portion (52) extends from the panel mounting section (70 50 72). The movable mounting section (58) can rotate relative to the support member receiving portion (52) to secure the mounting hardware (10) to the support member.

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

(22) Date of filing of Application :10/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: PAINTING FACILITY AND METHOD FOR OPERATION A PAINTING FACILITY

(51) International classification :B05B15/12,B01D46/00 (71)Name of Applicant : 1)DRR SYSTEMS GMBH (31) Priority Document No :10 2011 079 951.6 Address of Applicant: Carl Benz Strasse 34 74321 Bietigheim (32) Priority Date :27/07/2011 (33) Name of priority country :Germany Bissingen Germany (72)Name of Inventor: (86) International Application No :PCT/EP2012/058165 Filing Date :03/05/2012 1)HOLLER Sebastian (87) International Publication No :WO 2013/013846 2)SCHEERER Jan (61) Patent of Addition to Application 3)HOLZHEIMER Jens :NA 4)WIELAND Dietmar :NA 5)BAITINGER Michael Filing Date (62) Divisional to Application Number :NA 6)TOBISCH Wolfgang Filing Date :NA

(57) Abstract:

The aim of the invention is to provide a painting facility for painting production parts which is compact and enables the reliable deposition of paint overspray from a crude gas flow. To this end the painting facility comprises the following elements: a painting cubicle wherein the production parts can be painted with paint; a conveyor device used to transport the production parts to be painted in a direction of transport through the painting cubicle; a deposition and/or filter facility for cleaning a crude gas flow leaving the painting cubicle that has picked up paint overspray in the painting cubicle the deposition and/or filter facility comprising at least one filter device for separating the paint overspray from the crude gas flow; and at least one clean gas line for a clean gas flow that can be obtained by cleaning the crude gas flow by means of the at least one filter device.

No. of Pages: 97 No. of Claims: 17

(22) Date of filing of Application :10/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: INK JET PRINTING DEVICE

		(71)Name of Applicant : 1)SICPA HOLDING SA
(51) International classification	:B41J2/18,B41J2/175	
(31) Priority Document No	:MI2011A 001034	Switzerland
(32) Priority Date	:08/06/2011	(72)Name of Inventor:
(33) Name of priority country	:Italy	1)ALBERTIN Alberto
(86) International Application No	:PCT/IB2012/052903	2)BELFORTE Guido
Filing Date	:08/06/2012	3)BENEDETTO Francesco
(87) International Publication No	:WO 2012/168913	4)DELACRETAZ Charles Henri
(61) Patent of Addition to Application	:NA	5)FERRAROTTI Rinaldo
Number	:NA :NA	6)MARTINELLI Matteo
Filing Date	.IVA	7)RAPARELLI Terenziano
(62) Divisional to Application Number	:NA	8)SANDRI Tazio
Filing Date	:NA	9)SASSANO Duccio Spartaco
		10)VIKTOROV Vladimir
		11)VISCONTE Carmen

(57) Abstract:

An ink jet printing device (1) is described said device comprising a first reservoir (4) designed to contain a first volume of printing fluid at a first height with respect to a reference plane a supply system for forcing the printing fluid towards the first reservoir (4) and a second reservoir (5) designed to contain a second volume of printing fluid at a second height with respect to the reference plane. The second height is less than the first height. The device also comprises a conduit (2) designed to receive the printing fluid from the first reservoir (4) and conveys it towards the second reservoir (5) and an ejection plane in which ejector units (3) lie. The ejection plane is arranged in a position higher than the average of the first height and the second height so as to generate a back pressure in the ejector units (3). The flow rate of the printing fluid is between about 5 and about 10 times the maximum flowrate which can be ejected from said ejector units. The printing fluid may be a ceramic ink.

No. of Pages: 39 No. of Claims: 22

(21) Application No.10617/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :10/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: NOVEL COMPOUND HAVING AFFINITY FOR AMYLOID

(51) International classification:C07D471/04,A(31) Priority Document No:2011114198(32) Priority Date:20/05/2011(33) Name of priority country:Japan

(86) International Application No :PCT/JP2012/062778
Filing Date :18/05/2012
(87) International Publication No :WO 2012/161116

(61) Patent of Addition to Application Number :NA Filing Date :NA

(62) Divisional to Application Number :NA Filing Date :NA

:C07D471/04,A61K51/00 (71)**Name of Applicant :**

1)NIHON MEDI PHYSICS CO. LTD.

Address of Applicant :3 4 10 Shinsuna Koto ku Tokyo

1360075 Japan

(72)Name of Inventor:1)OKUMURA Yuki2)MAYA Yoshifumi3)SHOYAMA Yoshinari4)ONISHI Takako

(57) Abstract:

To produce: a compound which is effective as a diagnostic imaging probe that targets amyloid; and a diagnostic agent for Alzheimer s diseases which comprises the compound. [Solution] A compound represented by formula (1) (wherein R represents a radioactive halogen substituent; and A and A independently represent CH or N) or a salt thereof; and a diagnostic agent for Alzheimer s disease which comprises a compound represented by the above mentioned formula or a salt thereof. The compound and the diagnostic agent for Alzheimer s disease can migrate into the brain after being administered and can be accumulated satisfactorily onto amyloid that has been deposited on the brain.

No. of Pages: 43 No. of Claims: 5

(22) Date of filing of Application :05/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: REACTOR DEVICE AND POWER CONVERTER EMPLOYING 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 	:H01F37/00,H01F27/24 :NA :NA :NA :PCT/JP2011/061138 :16/05/2011 :WO 2012/157053 :NA :NA	(71)Name of Applicant: 1)HITACHI LTD. Address of Applicant: 6 6 Marunouchi 1 chome Chiyoda ku Tokyo Japan (72)Name of Inventor: 1)KURITA Naoyuki 2)IDE Kazumasa 3)KATOH Shuji
Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A reactor apparatus 10 includes two yoke iron cores 11a, 1 ib disposed opposite each other, a plurality of magnetic leg iron cores 31 each of which has a coil 21 wound therearound and provided with a gap adjusting means 5a, 5b, and one or more zerophase magnetic leg iron cores 41 around which a coil is not wound, wherein the two yoke iron cores 11a, 1 ib disposed opposite each other are connected to each other with the plurality of magnetic leg iron cores 31 and the one or more zero-phase magnetic leg iron cores 41. In addition, the reactor apparatus is used for a power converter.

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

(22) Date of filing of Application :05/12/2013 (43) Publication Date: 26/12/2014

(54) Title of the invention: INDUCTION HEATING DEVICE AND POWER GENERATION SYSTEM PROVIDED WITH SAME

(51) International classification :H05B6/02,F03D9/00,F03D9/02 (71)Name of Applicant :

:2011128713 (31) Priority Document No (32) Priority Date :08/06/2011

(33) Name of priority country :Japan

(86) International Application No: PCT/JP2012/063888 Filing Date :30/05/2012

(87) International Publication No: WO 2012/169398

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to Application :NA Number :NA Filing Date

1)SUMITOMO ELECTRIC INDUSTRIES LTD.

Address of Applicant: 5 33 Kitahama 4 chome Chuo ku Osaka

shi Osaka 5410041 Japan (72)Name of Inventor:

1)OKAZAKI Toru 2)MATSUO Tetsuji

3)MIFUNE Takeshi

(57) Abstract:

An induction heating apparatus (101) includes a rotor (11) having a rotation shaft, and a stator (12) having a heating portion (13) disposed at a distance from the 5 rotor (11). A coil (15) that generates magnetic flux in a direction of the heating portion (13) is provided in the rotor (11). The heating portion (13) is formed of a composite material of a magnetic material and a conductive material, and has a structure in which a magnetic material portion (131) and a conductive material portion (132) are combined. When the coil (15) is in a position opposed to the heating portion 10 (13), a cross-sectional area of the magnetic material portion (131) is smaller than an area of linkage of magnetic flux generated by the coil (15) in the heating portion (13), and the conductive material portion (132) is disposed to surround a periphery of the magnetic material portion (131). A flow passage (14) in which the heating medium circulates is provided in the heating portion (13).

No. of Pages: 30 No. of Claims: 7

(21) Application No.10642/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :11/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: SUTURE ANCHOR 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 	:A61B17/04 :61/500433 :23/06/2011 :U.S.A. :PCT/US2012/040916 :05/06/2012 :WO 2012/177386 :NA :NA	(71)Name of Applicant: 1)SYNTHES GMBH Address of Applicant:Eimattstrasse 3 CH 4436 Oberdorf Switzerland (72)Name of Inventor: 1)BOUDUBAN Nicolas 2)LECHMANN Beat 3)GEDET Philippe 4)BURKI Patrick
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(57) Abstract:

A suture anchor system and method including a suture anchor and a suture anchor drive. The suture anchor is positionable on a rod of the suture anchor drive. The rod defines an awl for forming a hole in a bone. The suture anchor drive further has an impactor for moving the suture anchor along the rod between a retracted position and an advanced position so as to implant the suture anchor in the bone with the awl positioned in the bone.

No. of Pages: 58 No. of Claims: 38

(19) INDIA

(22) Date of filing of Application:11/12/2013 (43) Publication Date: 26/12/2014

(54) Title of the invention: LENS SYSTEMS FOR PRESBYOPIA

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:G02C7/04 :13/167641 :23/06/2011 :U.S.A. :PCT/US2012/042159 :13/06/2012 :WO 2012/177453 :NA :NA :NA	(71)Name of Applicant: 1)JOHNSON & JOHNSON VISION CARE INC. Address of Applicant:7500 Centurion Parkway Jacksonville FL 32256 U.S.A. (72)Name of Inventor: 1)WOOLEY C. Benjamin 2)KARKKAINEN Thomas R. 3)CLARK Ronald J.
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(21) Application No.10643/DELNP/2013 A

(57) Abstract:

A family of ophthalmic lenses for correcting presbyopia meets constraints for distance vision near vision and disparity and may be designed according to a process that incorporates a merit function accounting for binocular visual performance.

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

(21) Application No.10644/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :11/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention : NOVEL METALLOPROTEIN AND PROCESS FOR PRODUCING SAME AND PROPHYLACTIC OR THERAPEUTIC AGENT FOR CORNEAL AND CONJUNCTIVAL DISEASES COMPRISING SAID METALLOPROTEIN

(31) Priority Document No (32) Priority Date (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date (62) Divisional to Application Number Filing Date (83) Name of priority country Span Specifical Subjects of Application (Subject) Span Span Specifical Subjects of Application (Subject) Span Specifical Subjects of Application (Subject) Span Specifical Subjects of Application (Subject) Span Specifical Subject (Subject) Span Span Span Specifical Subject (Subject) Span Span Span Span Span Span Span Span	(31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number	:20/05/2011 :Japan :PCT/JP2012/062752 :18/05/2012 :WO 2012/161112 :NA :NA	1)KEIO UNIVERSITY Address of Applicant: 15 45 Mita 2 chome Minato ku Tokyo 1088345 Japan 2)Kowa Company Ltd. (72)Name of Inventor: 1)HIGUCHI Akihiro 2)INOUE Hiroyoshi
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(57) Abstract:

The present invention provides: a novel metalloprotein i.e. selenium lactoferrin; and a process for producing the metalloprotein. Selenium lactoferrin according to the present invention can be produced suitably by adding a selenium salt to a solution containing lactoferrin and/or apolactoferrin and then subjecting the resultant mixed solution to dialysis or ultrafiltration. Selenium lactoferrin according to the present invention has an excellent therapeutic effect on corneal and conjunctival diseases and is suitable for mass production on an industrial scale.

No. of Pages: 48 No. of Claims: 11

(21) Application No.10650/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :11/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention : PICK UP HEAD SYSTEM HAVING A HORIZONTAL SEALED DEBRIS DOOR FOR A MOBILE SWEEPING VEHICLE

(51) International classification: E01H1/08,A01G1/12,A47L11/24 (71)Name of Applicant: (31) Priority Document No 1)VANDERLINDEN Roger :61/496410 (32) Priority Date Address of Applicant: 1100 Burloak Drive Suite 300 :13/06/2011 Burlington Ontario L7L 6B2 Canada (33) Name of priority country :U.S.A. (86) International Application (72)Name of Inventor: :PCT/CA2012/000574 1)VANDERLINDEN Roger :13/06/2012 Filing Date (87) International Publication :WO 2012/171097 (61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to Application :NA Number :NA Filing Date

(57) Abstract:

A pick up head system for use with a surface cleaning vehicle comprises a housing with a debris receiving main inlet and a debris outlet. A rotatable door assembly is mounted on the housing at the debris receiving main inlet for rotation about a substantially horizontally oriented door pivot axis for controlling the passage of debris through the debris receiving main inlet. In use as the rotatable door assembly rotates about the horizontally oriented door pivot axis to thereby permit debris to enter the housing through the debris receiving main inlet. An air flow barrier disposed between the rotatable door assembly and the housing substantially precludes the passage of air and small debris between the rotatable door assembly and the housing.

No. of Pages: 45 No. of Claims: 35

(19) INDIA

(22) Date of filing of Application :11/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: PICK UP HEAD SYSTEM

(51) International classification	:E01H1/08	(71)Name of Applicant :
(31) Priority Document No	:61/496410	1)VANDERLINDEN Roger
(32) Priority Date	:13/06/2011	Address of Applicant :1100 Burloak Drive Suite 300
(33) Name of priority country	:U.S.A.	Burlington Ontario L7L 6B2 Canada
(86) International Application No	:PCT/CA2012/000577	(72)Name of Inventor:
Filing Date	:13/06/2012	1)VANDERLINDEN Roger
(87) International Publication No	:WO 2012/171100	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.11/1	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(21) Application No.10651/DELNP/2013 A

(57) Abstract:

A pick-up head system comprises a housing and a main fan connected in air suctioning relation to the housing for causing the interior of the housing to have a reduced internal air pressure. A secondary substantially continuously available source of low air pressure has an inlet connected in air suctioning relation to the housing. A valve is operatively mounted between the housing o and the inlet of the source of low air pressure. A control mechanism is operatively connected to the valve and responsive to at least one operational condition in the pick-up head system. In a reduced-flow position, the air pressure in the housing is unaffected by the vacuum tank. In the increased-flow position, when the at least one operational condition passes a threshold, the vacuum tank de - creases the air pressure in the housing, thus precluding the escape of dust and other fine particulate matter from the interior of the housing.

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

(21) Application No.10652/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :11/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: PICK UP HEAD SYSTEM

(51) International classification	:E01H1/08,A01G1/12,A47L11/24	(71)Name of Applicant:
(31) Priority Document No	:61/496410	1)VANDERLINDEN Roger
(32) Priority Date	:13/06/2011	Address of Applicant :1100 Burloak Drive Suite 300
(33) Name of priority country	:U.S.A.	Burlington Ontario L7L 6B2 Canada
(86) International Application No Filing Date	:PCT/CA2012/000579 :13/06/2012	(72)Name of Inventor: 1)VANDERLINDEN Roger
(87) International Publication No	:WO 2012/171102	
(61) Patent of Addition toApplication NumberFiling Date	:NA :NA	
(62) Divisional to Application Number	:NA :NA	

(57) Abstract:

Filing Date

A pick up head system for use with a surface cleaning vehicle comprises a housing extending between a first end and a second end and having a front and a back and a suctioning bottom opening. A debris outlet is disposed in the housing for permitting dust and debris to egress from the housing into a hopper. A debris passage is disposed within the housing in dust and debris delivery relation with respect to the debris outlet. There is at least one non rotating main broom operatively mounted in the housing adjacent the debris passage for cleaning contact with a surface to be cleaned thereby loosening debris for subsequent suctioning into the debris outlet.

No. of Pages: 36 No. of Claims: 30

(21) Application No.10653/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application:11/12/2013 (43) Publication Date: 26/12/2014

(54) Title of the invention: EXHAUST GAS TURBOCHARGER

(51) International :F02B37/12,F02B37/18,F02B39/00 classification

(31) Priority Document No :102011105856.0

(32) Priority Date :28/06/2011 (33) Name of priority country: Germany

(86) International Application :PCT/US2012/043216

No

:20/06/2012 Filing Date

(87) International Publication

:WO 2013/003134 No

(61) Patent of Addition to **Application Number** :NA

Filing Date (62) Divisional to Application :NA Number :NA

Filing Date

(57) Abstract:

(71)Name of Applicant: 1)BORGWARNER INC.

Address of Applicant: Patent Department 3850 Hamlin Road

Auburn Hills Michigan 48326 U.S.A.

(72)Name of Inventor: 1)KOCH Silvio

The present invention relates to an exhaust gas turbocharger (1) having a compressor (2) having a turbine (3) which has a turbine casing (4) in which a wastegate opening (5) is arranged and which has a charge pressure control flap arrangement (6) with a flap plate (7) which can be moved between a closed position and an open position characterized in that the flap plate (7) is provided with a guide lever (8) whose first end (9) is connected to a rear side (10) of the flap plate (7) and whose second free end (11) is guided in a curved track (12).

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

(21) Application No.10654/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application:11/12/2013 (43) Publication Date: 26/12/2014

(54) Title of the invention: PIN FOR A SEMICONDUCTOR CHIP TEST AND SOCKET FOR A SEMICONDUCTOR CHIP TEST **INCLUDING SAME**

(51) International :G01R1/067,G01R31/26,G01R31/28

classification (31) Priority Document No

:2020110005208 :13/06/2011

(32) Priority Date

(33) Name of priority country: Republic of Korea (86) International :PCT/KR2012/004638

Application No

:13/06/2012 Filing Date

(87) International Publication :WO 2012/173379

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to :NA **Application Number** :NA Filing Date

(71)Name of Applicant:

1)NA Gyeong Hwa

Address of Applicant :305 1301Sintree Apt Sinjeong 3 dong

Yangcheon gu Seoul 158 785 Republic of Korea

(72)Name of Inventor: 1)NA Gyeong Hwa

(57) Abstract:

The present invention relates to a pin for a semiconductor chip test and to a socket for a semiconductor chip test including same and more particularly to a pin for a semiconductor chip test and to a socket for a semiconductor chip test including same which: improve test reliability by means of a movement toward a semiconductor chip being natural and contact with a test terminal being reliable; reduce costs by means of a low amount of wear occurring upon contact with a semiconductor chip terminal and by flipping and using one side of a contact terminal when the opposite side has been worn down thereby preventing damage to components by reducing the number of components.

No. of Pages: 18 No. of Claims: 11

(21) Application No.10645/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :11/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention : METHOD FOR PRODUCING A GRAIN ORIENTED ELECTRICAL STEEL FLAT PRODUCT INTENDED FOR ELECTROTECHNICAL APPLICATIONS

(51) International classification :C21D8/12,C22C38/02 (71)Name of Applicant : (31) Priority Document No :10 2011 107 304.7 1)ThyssenKrupp ELECTRICAL STEEL GMBH (32) Priority Date Address of Applicant : Kurt Schumacher Strae 95 45881 :06/07/2011 (33) Name of priority country Gelsenkirchen Germany :Germany (86) International Application No :PCT/EP2012/063039 (72)Name of Inventor: Filing Date :04/07/2012 1)SCHRAPERS Heiner (87) International Publication No :WO 2013/004747 2)KRENKE Thorsten (61) Patent of Addition to Application 3)HOLZAPFEL Christof :NA Number 4)LAHN Ludger :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract:

The invention relates to a method for producing a grain oriented flat steel product for electrotechnical applications in which a melt is cast into a strand a thin slab is divided from the cast strand the thin slab is heated and hot rolled into a warm strip the warm strip is cooled coiled and cold rolled into a cold strip the cold strip undergoes decarburizing and nitriding annealing an annealing separator is applied to the surface of the cold strip and the cold strip undergoes final annealing to obtain a distinctive cast texture. The working step of decarburizing and nitriding annealing is carried out in two stages wherein the first annealing stage which comprises heating the cold strip from a starting temperature to a first desired annealing temperature and keeping it at this desired annealing temperature extends over a first time interval and the second annealing stage in which the cold strip is heated to a second desired annealing temperature and is subsequently kept at this desired annealing temperature extends over a second time interval. The first desired annealing temperature is 10 50°C lower than the second desired annealing temperature and the duration of the first time interval is 30 70% of the overall duration of the annealing treatment comprising the first and second time intervals.

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

(22) Date of filing of Application :11/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: TRACKLESS DARK RIDE VEHICLE SYSTEM AND METHOD

(51) International classification	:G09B9/02	(71)Name of Applicant: 1)OCEANEERING INTERNATIONAL INC.
(31) Priority Document No	:61/484942	Address of Applicant :7001 Dorsey Road Hanover MD 21076
(32) Priority Date	:11/05/2011	U.S.A.
(33) Name of priority country	:U.S.A.	(72)Name of Inventor :
(86) International Application No	:PCT/US2012/037671	1)FOSTER Samuel T.
Filing Date	:11/05/2012	2)BOSHEARS Michael Wayne
(87) International Publication No	:WO 2012/155120	3)GRANT Andrew
(61) Patent of Addition to Application	:NA	4)HASS Frank Peter
Number	:NA	5)JENNINGS Clifford Allen
Filing Date	.IVA	6)KING Eric Arthur
(62) Divisional to Application Number	:NA	7)KROSLOWITZ Kenneth Thomas
Filing Date	:NA	8)MALGHAN Suhas Subhaschandra
-		9)SYWAK Stephen A.

(57) Abstract:

A motion assembly that produces pitch and roll motions includes lower and upper plates. A pivotable coupling hav ing upper and lower shafts extending from its center is coupled between the upper and lower plates. At least two linear actuators are o coupled between the plates. Extension and retraction of the actuators pivots the upper plate about the pivotable coupling relative to the lower plate. A vehicle includes two steerable propulsion wheels coupled to a chassis. A lower plate of a pitch and roll assembly, o similar to that just described, couples to the chassis via a slew bearing. Seating is coupled to the upper plate. The seating rotates with respect to the chassis via controlled rotation of the slew bearing with reference to the chassis. The seating can be rotated to point in any direction with respect to the chassis regardless of the direction the steerable propulsion wheels move the chassis.

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

(19) INDIA

(22) Date of filing of Application:11/12/2013 (43) Publication Date: 26/12/2014

(54) Title of the invention: FILTRATION DEVICE

(51) International :B01D24/48,B01D29/60,B01D29/66

classification

(31) Priority Document No :2011120904 (32) Priority Date :30/05/2011

(33) Name of priority country: Japan

(86) International :PCT/JP2012/063961

Application No :30/05/2012 Filing Date

(87) International Publication :WO 2012/165490

(61) Patent of Addition to :NA **Application Number** :NA

Filing Date

(62) Divisional to :NA **Application Number** :NA Filing Date

(71)Name of Applicant: 1)BASIC CO. LTD.

(21) Application No.10647/DELNP/2013 A

Address of Applicant :5 35 13 Oe Otsu shi Shiga 5202141

(72)Name of Inventor: 1)SASAKI Tsutomu

2)SASAKI Satoshi

(57) Abstract:

Provided is a filtration device having a plurality of filters in which the filters can be backwashed by purified water in a simple operation. The filtration device (1) switches between a water purification mode a first backwashing mode and a second backwashing mode in accordance with the pivot position of a valve element (6). During the first backwashing mode a source water inlet (51) is in communication with a second source water through port (53) and first and second purified water through ports (54 55) are blocked from communication with a purified water outlet (56) whereby purified water from a second filter (3) is backwashed through the first filter (2) and the drain water is discharged from a drain water outlet (57). During the second backwashing mode the source water inlet (51) is in communication with a first source water through port (52) and first and second purified water through ports (53 54) are blocked from communication with the purified water outlet (56) whereby purified was from the first filter (2) is backwashed through the second filter (3) and the drain water is discharged from the drain water outlet (57).

No. of Pages: 34 No. of Claims: 2

(22) Date of filing of Application :06/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: MULTIMODE OPTICAL FIBER AND SYSTEM INCORPORATING SUCH

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:G02B6/028 :61/503252 :30/06/2011 :U.S.A. :PCT/US2012/041977 :12/06/2012	(71)Name of Applicant: 1)CORNING INCORPORATED Address of Applicant: 1 Riverfront Plaza Corning NY 14831 U.S.A. (72)Name of Inventor: 1)BICKHAM Scott Robertson
(87) International Publication No(61) Patent of Addition to ApplicationNumberFiling Date	:WO 2013/003016 :NA :NA	2)BOOKBINDER Dana CRAIG 3)CHEN Xin 4)LI Ming jun 5)TANDON Pushkar
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

According to some embodiments a multimode optical fiber (100) comprises a graded index glass core (20) with refractive index 1 a maximum refractive index delta 1 and a core radius between 10 and 40 microns; and cladding region (200) surrounding the core comprising refractive index 4 wherein the fiber exhibits an overfilled bandwidth at an operating wavelength in a 900 to 1250 nm wave length range of greater than 2.5 GHz km. According to some embodiments the fiber exhibits an overfilled bandwidth at a wavelength between 950 and 1100 nm which is greater than 4 GHz km. According to some embodiments the fiber exhibits an overfilled bandwidth at a wavelength between 950 and 1100 nm which is greater than 10 GHz km.

No. of Pages: 44 No. of Claims: 21

(22) Date of filing of Application :06/12/2013 (43) Publication Date: 26/12/2014

(54) Title of the invention: METHODS FOR PRODUCING OPTICAL FIBER PREFORMS WITH LOW INDEX TRENCHES

(51) International classification :C03B37/012,C03B37/014 (71)Name of Applicant : (31) Priority Document No :13/173777 (32) Priority Date :30/06/2011

(33) Name of priority country :U.S.A.

(86) International Application No :PCT/US2012/041578

Filing Date :08/06/2012 (87) International Publication No :WO 2013/003003

(61) Patent of Addition to Application :NA :NA Filing Date

(62) Divisional to Application Number: NA Filing Date :NA

1)CORNING INCORPORATED

Address of Applicant: 1 Riverfront Plaza Corning New York

14831 U.S.A.

(72)Name of Inventor: 1)DAWES Steven Bruce 2)KNOWLTON Robert A 3)TANDON Pushkar

4)WANG Ji

(57) Abstract:

Methods for forming optical fiber preforms with low index trenches are disclosed. According to one embodiment the method includes depositing silica based glass soot on a bait rod to form a low index trench region of the optical fiber preform. The silica based glass soot is deposited such that the low index trench region has a first density. Thereafter a barrier layer having a second density greater than the first density is formed around the low index trench region. Therafter an overclad region is deposited around the barrier layer. The bait rod is then removed from a central channel of the trench overclad assembly. A separate core assembly is inserted into the central channel. A down dopant gas is then directed through the central channel of the trench overclad assembly as the trench overclad assembly is heated to dope the low index trench region. The barrier layer prevents diffusion of the down dopant from the low index trench region into the overclad region.

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

(21) Application No.10669/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :11/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: DEVICE FOR DETERMINING MOTION PARAMETERS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:G01D5/20 :10 2011 079 631.2 :22/07/2011 :Germany :PCT/EP2012/059459 :22/05/2012 :WO 2013/013855 :NA :NA	(71)Name of Applicant: 1)ROBERT BOSCH GMBH Address of Applicant: Postfach 30 02 20 70442 Stuttgart Germany (72)Name of Inventor: 1)WELSCH Wolfgang 2)SCHATZ Frank
Filing Date	:NA	

(57) Abstract:

The invention relates to a device (1) for determining motion parameters comprising a magnetic multipole (20) that generates an alternating magnetic field at least one magnetic sensor (10a 10b 10b) for measuring the magnetic field of the magnetic multipole (20) and an evaluation and control unit (30) for evaluating the signals (S S S) from the at least one magnetic sensor (10a 10b 10b) wherein a relative movement between the magnetic multipole (20) and the at least one magnetic sensor (10a 10b 10b) can be evaluated. According to the invention the at least one magnetic sensor (10a 10b 10b) comprises a core that can be magnetized a drive coil and a measuring coil. The evaluation and control unit (30) charges the drive coil with a periodic drive signal (S) in order to bring about a periodic magnetic reversal of the core and by way of the measuring coil detects the points in time at which the magnetic reversals occur in the core (16). Based on the points in time at which the magnetic reversals occur the evaluation and control unit (30) determines a current value of the effective magnetic field of the magnetic multipole (20) within a defined measuring range representing a range around a zero crossing of the magnetic field of the magnetic multipole (20).

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

(22) Date of filing of Application:11/12/2013 (43) Publication Date: 26/12/2014

(54) Title of the invention: METHOD FOR PRODUCING STRUCTURED SINTERING CONNECTION LAYERS AND SEMICONDUCTOR COMPONENT COMPRISING A STRUCTURED SINTERING CONNECTION LAYER

 $: H01L23/492, H01L23/373, H01L21/60 \bigg| \begin{tabular}{c} (71) \textbf{Name of Applicant:} \\ \hline \end{tabular}$ (51) International

classification (31) Priority Document No :102011078582.5

(32) Priority Date :04/07/2011

(33) Name of priority :Germany

country

(86) International :PCT/EP2012/062304 Application No

:26/06/2012 Filing Date

(87) International :WO 2013/004543 **Publication No**

(61) Patent of Addition to :NA **Application Number**

:NA Filing Date (62) Divisional to :NA **Application Number** :NA Filing Date

1)ROBERT BOSCH GMBH

Address of Applicant :Postfach 30 02 20 70442 Stuttgart

Germany

(72)Name of Inventor: 1) GUYENOT Michael 2) **GUENTHER Michael**

3)HERBOTH Thomas

(57) Abstract:

The fundamental concept of the invention is to produce a sintering layer connection between a substrate (11) and a chip (13) said connection creating both an excellent electric and thermal bond between the substrate (11) and the chip (13) and also reducing mechanical stress in the chip (13). The invention relates to a method for producing a sintering layer (12) comprising the steps of applying in a structured fashion a plurality of sintering elements (22a 22b 22c) composed of a starting material that forms the sintering layer to a contact area (21) of a main surface (11a) of a substrate (11) arranging a chip to be connected to the substrate on the sintering elements (22a 22b 22c) and heating and compressing the sintering elements (22a 22b 22c) in order to produce a structured sintering layer which connects the substrate and the chip and which extends within the contact area (21) wherein the area occupation density of the sintering elements (22a 22b 22c) on the substrate (11) in a central region (21a) of the contact area (21) is greater than the area occupation density of the sintering elements in an edge region (21c) of the contact area (21) and wherein at least one passage channel (23) runs from each of the sintering elements (22a 22b 22c) laterally with respect to the main surface of the substrate to the edge of the contact area (21). A large area sintering element (22a) can be located in the central region (21a) of the contact surface (21) and a plurality of for example circular sintering elements (22c) can be located in an edge region (21c) of the contact surface (21). The sintering elements (22a 22b 22c) can also have notches (24). The invention also relates to a corresponding device (10 10 10).

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

(21) Application No.10509/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :06/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention : METHOD FOR PROCESSING MESENCHYMAL STEM CELLS AND THE USE THEREOF IN THE TREATMENT OF DISEASES ASSOCIATED WITH OXIDATIVE STRESS

(51) International classification	:C12N5/0775,C11D3/39	(71)Name of Applicant:
(31) Priority Document No	:NA	1)HISTOCELL S.L.
(32) Priority Date	:NA	Address of Applicant :Parque Tecnol ³ gico 800A 2º E 48160
(33) Name of priority country	:NA	Derio (Vizcaya) Spain
(86) International Application No	:PCT/ES2011/070489	(72)Name of Inventor:
Filing Date	:06/07/2011	1)CASTRO Mara Bego±a
(87) International Publication No	:WO 2013/004859	2)D EZ GARC A Javier
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.TVA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention relates, first, to a method for processing mesenchymal stem cells, preferably of adipose origin, which basically comprises two steps, namely the production and isolation of mesenchymal cells, and, second, a step of growth and o specific processing of the cells in a conditioning or processing mdium with an oxidizing agent. The invention also comprises the o cells obtained directly by means of the method and the use of said cells in the treatment of diseases caused by or associated with oxidative stress.

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

(22) Date of filing of Application :06/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: SUPPORT DEVICE FOR A LATERALLY DISPLACEABLE RAILWAY WAGGON

(51) International classification	:B61D3/18,B61D47/00	(71)Name of Applicant:
(31) Priority Document No	:11505708	1)FLEXIWAGGON AB
(32) Priority Date	:21/06/2011	Address of Applicant :Box 298 S 831 23 –stersund Sweden
(33) Name of priority country	:Sweden	(72)Name of Inventor:
(86) International Application No	:PCT/SE2012/050691	1)ERIKSSON Jan
Filing Date	:20/06/2012	
(87) International Publication No	:WO 2012/177216	
(61) Patent of Addition to Application	.NI A	
Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A support device for a laterally displaceable railway wagon. The support device (100) comprises: a track device (102) including an endless track (104) and a body (106) carrying the endless track; and a track device holder (108) which is pivotally connected with the body via a connection shaft (120) extending transversally through the body. The track device holder comprises opposite first and second side portions extending along the length of the track device a first end portion connected with the first and second side portions at one end thereof a second end portion connected with the side portions at the other end thereof a first suspension portion included in said first end portion and as second suspension portion included in said second end portion. The track device at least partly extends below the track device holder.

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

(22) Date of filing of Application :06/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: LOW SPEED ELECTROMAGNETIC TURBINE

(51) International classification	:H02K31/02,H02K55/04	(71)Name of Applicant:
(31) Priority Document No	:2011901892	1)HERON ENERGY PTE LTD
(32) Priority Date	:17/05/2011	Address of Applicant :80 Raffles Place #46 01 UOB Plaza 1
(33) Name of priority country	:Australia	Singapore 04862 Singapore
(86) International Application No	:PCT/AU2012/000346	(72)Name of Inventor:
Filing Date	:05/04/2012	1)GUINA Ante
(87) International Publication No	:WO 2012/155175	2)KELLS John
(61) Patent of Addition to Application	:NA	3)LABES Kurt
Number	:NA	4)GALT Stuart
Filing Date	.NA	5)DE BEER Johannes S.
(62) Divisional to Application Number	:NA	6)SERCOMBE David B.T.
Filing Date	:NA	7)FUGER Rene

(57) Abstract:

Various configurations of an electrometric turbine are discussed. In one possible arrangement the turbine is a radial drum type turbine (1800) and includes a pair of op posing magnetic assemblies (1801 1801 2) with drum (1802) positioned therebetween. Each of the magnetic assemblies (1801 1801 2) includes a pair of coils an outer coil (1803 1) and an inner coil 18032. The coils are arranged concentrically / about the axis of rotation of the drum (1802), i.e. the coils (1803 18032) are co-axial with the rotational axis of the / drum (1802). The drum (1802) includes at least one conduct ive element (1805) coupled to current transfer mechanisms (1806) which pass current acrossthe drum (1802). As current ³4 j is passed across the conductive layer (1805) of the drum (1802) torque is generated on the drum (1802). The torque is transferred to the output shaft (1807) which passes through the drum and magnetic elements.

No. of Pages: 89 No. of Claims: 39

(21) Application No.10696/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :12/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: WIRELESS COMMUNICATION SYSTEM RECEIVER

(51) International classification :H04W52/22,H04W52/24 (71)Name of Applicant : (31) Priority Document No 1)NEC Corporation :2011128011 (32) Priority Date Address of Applicant: 7 1 Shiba 5 chome Minato ku Tokyo :08/06/2011 (33) Name of priority country 1088001 Japan :Japan (72)Name of Inventor: (86) International Application No :PCT/JP2012/064600 Filing Date :06/06/2012 1)KANAUCHI Tomohiro (87) International Publication No :WO 2012/169554 (61) Patent of Addition to Application :NA :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract:

In this wireless communication system which is provided with a transmitter and a receiver the receiver is provided with a signal to noise ratio calculation unit for calculating the signal to noise ratio of a baseband signal of a signal received from the transmitter and an indication information generation unit for generating signal strength indication information indicating transmit power of the transmitter on the basis of a history of the signal to noise ratio which has been calculated by the signal to noise ratio calculation unit wherein the transmitter is characterized in being provided with a transmission unit which controls the transmit power on the basis of the signal to noise ratio.

No. of Pages: 44 No. of Claims: 7

(22) Date of filing of Application :06/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention : INTERFEROMETRIC DISTANCE MEASURING METHOD FOR MEASURING SURFACES AND SUCH A MEASURING ARRANGEMENT

(51) International classification	:G01B11/24,G01B9/02	(71)Name of Applicant:
(31) Priority Document No	:11171582.7	1)HEXAGON TECHNOLOGY CENTER GMBH
(32) Priority Date	:27/06/2011	Address of Applicant :Heinrich Wild Strasse CH 9435
(33) Name of priority country	:EPO	Heerbrugg Switzerland
(86) International Application No	:PCT/EP2012/062246	(72)Name of Inventor:
Filing Date	:25/06/2012	1)JENSEN Thomas
(87) International Publication No	:WO 2013/000866	
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The invention relates to a distance measuring method for measuring surfaces (13). A laser beam the wavelength of which can be tuned in a wavelength range by modulating the frequency of a laser source (1) is generated with a coherence length in order to provide a measuring beam (MS) and is emitted at the surface (13) which is located within a specified distance range as a measuring beam (MS). The measuring beam (MS) which is back scattered by the surface (13) is received again and used to interferometrically measure the distance from a reference point to the surface (13) a measurement and reference interferometric arm being used. The specified distance range lies at least partly outside of the coherence length and the measuring beam is separated into two beam portions. One of the beam portions is temporally delayed with respect to the other beam portion such that the one optical path difference caused by the delay matches the optical path difference that corresponds to a distance in the specified distance range plus or minus the coherence length of the laser.

No. of Pages: 44 No. of Claims: 15

(19) INDIA

(22) Date of filing of Application :06/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: METHODS FOR REDUCING NEURODEGENERATION

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:04/06/2012 :WO 2012/170322 :NA :NA :NA	(71)Name of Applicant: 1)NESTEC S.A. Address of Applicant: Avenue Nestle 55 CH 1800 Vevey Switzerland (72)Name of Inventor: 1)MIDDLETON Rondo Paul 2)ZANGHI Brian Michael
(62) Divisional to Application Number Filing Date	:NA :NA	

(21) Application No.10519/DELNP/2013 A

(57) Abstract:

The invention provides methods for reducing neurodegeneration in animals by administering a neurodegeneration reducing amount of melatonin to the animal. Generally the melatonin is administered in amounts of either 0.1 ng/kg/day to about 10 mg/kg/day or from about 0.2 ng/day to about 3 g/day. In preferred methods the melatonin is administered as part of a food composition.

No. of Pages: 15 No. of Claims: 68

(21) Application No.10520/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :06/12/2013 (43) Publication Date: 26/12/2014

(54) Title of the invention: CHICORY FOR PREVENTION AND TREATMENT OF NEURODEGENERATION

(51) International :A61K36/28,A61P25/14,A61P25/16 classification

(31) Priority Document No :11168839.6 (32) Priority Date :06/06/2011

(33) Name of priority country: EPO

(86) International Application :PCT/EP2012/060606

No :05/06/2012

Filing Date

(87) International Publication :WO 2012/168245

(61) Patent of Addition to :NA **Application Number** :NA

Filing Date (62) Divisional to Application :NA Number :NA

Filing Date

(71)Name of Applicant:

1)NESTEC S.A.

Address of Applicant : Av. Nestl 55 CH 1800 Vevey

Switzerland

(72)Name of Inventor:

1)DURGA Jane 2)KUNZ Tina 3)YVON Cedric 4)COURTOIS Didier

5)HUSSON Jwanro 6)LUTHI CARTER Ruth

7) TAYLOR David

(57) Abstract:

The invention pertains to a composition comprising chicory particularly roasted chicory root for use in the prevention or treatment of a neurodegenerative disorder and/or a loss of cognitive ability. In a further aspect the invention pertains to a non therapeutic method for maintaining mental or cognitive capabilities.

No. of Pages: 22 No. of Claims: 11

(22) Date of filing of Application :06/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: HAIRY CELL LEUKEMIA BIOMARKERS AND METHODS OF USING SAME

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:C12Q1/68 :61/484330 :10/05/2011 :U.S.A. :PCT/US2012/037222 :10/05/2012 :WO 2012/154908 :NA :NA	(71)Name of Applicant: 1)FALINI Brunangelo Address of Applicant: Via San Giuseppe 3/f I 06076 Perugia Italy 2)RABADAN Raul 3)TIACCI Enrico (72)Name of Inventor: 1)FALINI Brunangelo 2)RABADAN Raul 3)TIACCI Enrico
Filing Date	:NA :NA	

(57) Abstract:

The present invention relates to hairy cell leukemia biomarkers and methods of utilizing these biomarkers to diagnose and/or treat hairy cell leukemia.

No. of Pages: 60 No. of Claims: 19

(21) Application No.10689/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application: 12/12/2013 (43) Publication Date: 26/12/2014

(54) Title of the invention: NEW SUSTAINABLE RANGE OF SULFUR DYES FOR TEXTILE AND PAPER DYEING

(51) International classification: C09B49/00, C09B61/00, D06P1/30 (71) Name of Applicant:

(31) Priority Document No :11005637.1 (32) Priority Date :09/07/2011

(33) Name of priority country :EPO

(86) International Application :PCT/EP2012/002814

:04/07/2012 Filing Date

(87) International Publication

:WO 2013/007358

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to Application :NA Number :NA Filing Date

1)CLARIANT INTERNATIONAL LTD

Address of Applicant : Rothausstrasse 61 4132 Muttenz

Switzerland

(72)Name of Inventor:

1)DOMINGO Manuel Jose 2)BLANOUERA Joan Manel

3)GARCIA Yolanda

(57) Abstract:

The invention refers to the manufacturing of a novel group of sulfur dyes in which are used as raw material different kind of natural biomass usually existing in the nature and transforming them into soluble dyestuffs capable to dye textile fibres preferably cellulose fibres and derivatives as cotton viscose paper tencel with high strength and fast color properties. For this purpose the concept Biomass is defined as the residual product obtained from the usual human crop activities in agricultural and forestry sectors.

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

(21) Application No.10690/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application: 12/12/2013 (43) Publication Date: 26/12/2014

(54) Title of the invention: PROCESS AND APPARATUS FOR THE MANUFACTURING OF LONG STEEL PRODUCTS IN A CONTINUOUS CASTING PLANT

(51) International :B22D11/12,B22D11/128,B22D11/14

classification

(31) Priority Document No :11425182.0 (32) Priority Date :08/07/2011

(33) Name of priority :EPO

country

(86) International

:PCT/EP2012/061339 Application No :14/06/2012

Filing Date

(87) International :WO 2013/007469 **Publication No**

(61) Patent of Addition to

:NA **Application Number** :NA Filing Date

(62) Divisional to :NA **Application Number** :NA Filing Date

(71)Name of Applicant:

1)Siemens AG

Address of Applicant: Wittelsbacherplatz 2 80333 Munich

(72)Name of Inventor: 1)MILANI Franco

(57) Abstract:

An apparatus for continuous casting comprising a with-drawal/straightening unit (4,5) with pairs of rolls (4A,4B,4C) wherein the distances between two rolls of each pair (4A,4B,4C) decrease to create a deformation of a long metallic product (1) o poured from a mould (2), in particular a reduction of the section on one direction, preferably a vertical direction.

No. of Pages: 37 No. of Claims: 14

(22) Date of filing of Application :03/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention : AIR FLOW CHANNEL FOR A VENTILATION DEVICE OF A MOTOR VEHICLE AND A METHOD FOR PRODUCING SAME

(51) International classification	:B60H1/00,B29C65/02	(71)Name of Applicant:
(31) Priority Document No	:10 2011 077 672.9	1)JOHNSON CONTROLS INTERIORS GMBH & CO. KG
(32) Priority Date	:16/06/2011	Address of Applicant: M1/4lhausener Strae 35 47929 Grefrath
(33) Name of priority country	:Germany	Germany
(86) International Application No	:PCT/EP2012/061453	(72)Name of Inventor:
Filing Date	:15/06/2012	1)WIEDEMEYER Mirko
(87) International Publication No	:WO 2012/172053	2)KUCKERTZ Martin
(61) Patent of Addition to Application	:NA	3)WERNER Hans Georg
Number	:NA	4)KMEID Antoine
Filing Date	INA	5)THURGOOD Peter
(62) Divisional to Application Number	:NA	6)GROSS Bernd
Filing Date	:NA	

(57) Abstract:

The invention relates to an air flow channel (1) for a ventilation device of a motor vehicle. According to the invention a sealing element (7) is arranged in a bonded manner on at least one pipe opening (6) of the air flow channel (1) in the region of an opening edge (2) said sealing element (7) being able to be arranged in the region of the opening edge (2) of the pipe opening (6) or applied onto said air flow channel (1) by means of a fusing process or a thermal welding method such that the melted material of the sealing element (7) becomes joined to the heated material of the air flow channel (1). The invention additionally relates to a method for producing an air flow channel (1) for a ventilation device of a motor vehicle.

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

1

(21) Application No.10437/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :03/12/2013

(43) Publication Date: 26/12/2014

(54) Title of the invention : ABSORBENT ARTICLES COMPRISING HYDRATABLE NON DELIQUESCENT INORGANIC 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 Application Number Filing Date (62) Divisional to Application Number Filing Date 	:A61L15/18 :11170462.3 :17/06/2011 :EPO :PCT/US2012/042017 :12/06/2012 :WO 2012/173967 :NA :NA :NA	(71)Name of Applicant: 1)THE PROCTER & GAMBLE COMPANY Address of Applicant: One Procter & Gamble Plaza Cincinnati Ohio 45202 U.S.A. (72)Name of Inventor: 1)CARLUCCI Giovanni 2)RUIZPARDO Adelaida
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(57) Abstract:

A composition for blocking blood containing fluids is provided. The composition contains one or more hydratable non deliquescent inorganic salts. In one embodiment for example the composition contains magnesium sulfate (MgSO4). The composition may be placed in an absorbent core in an absorbent article to help block blood containing fluids (e.g. menses exuded from the body).

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

(21) Application No.10438/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :03/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: COOLING COMPOSITION AND ABSORBENT ARTICLE COMPRISING THE SAME

(51) International :A61L15/42,A61L15/20,A61L15/26

classification :A01L13/42,A01L13/20,A01.
(31) Priority Document No :11170083.7

(31) Priority Document No :11170083.7 (32) Priority Date :16/06/2011 (33) Name of priority country :EPO

(86) International Application :PCT/US2012/041842

No Filing Date :11/06/2012

(87) International Publication :WO 2012/173914

No (61) Patent of Addition to

Application Number Filing Date :NA

(62) Divisional to Application :NA
Number :NA
Filing Date

(57) Abstract:

(71)Name of Applicant:

1)THE PROCTER & GAMBLE COMPANY

Address of Applicant :One Procter & Gamble Plaza Cincinnati

Ohio 45202 U.S.A. (72)Name of Inventor:

1)GAGLIARDINI Alessandro

A cooling composition comprising a cooling agent together with a polyethylene glycol (PEG) or a mixture of different PEGs having high molecular weights and an absorbent article comprising the cooling composition. The cooling agent of the composition has a reduced tendency to vaporize and evaporate at room temperature.

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

(21) Application No.10439/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :03/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: METHOD OF DETERMINING AN ATTRIBUTE OF A SERVER

(31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number :N	G06F21/00 11169132.5 08/06/2011 EPO PCT/EP2012/060551 05/06/2012 WO 2012/168212 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)SMEETS Bernard
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(57) Abstract:

A method of determining an operational attribute of a server executed on a first execution platform and providing a service the method comprising: performing a measurement indicative of an operational attribute of the server wherein the measurement is performed by a platform observer system executed on said first execution platform; communicating a result of said measurement to an external observer system; wherein the communicating comprises protecting secrecy of the communicated result; verifying by the external observer system that the received measurement result is indicative of a measurement performed on said server.

No. of Pages: 34 No. of Claims: 23

(21) Application No.10720/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :12/12/2013 (43) Publication Date : 26/12/2014

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

(51) International classification :F02M59/42,F02M63/02,F02M37/08

(31) Priority Document No :102011079673.8 (32) Priority Date :22/07/2011

(33) Name of priority :Germany

country (86) International

(86) International :PCT/EP2012/061123

Application No Filing Date :12/06/2012

(87) International

Publication No :WO 2013/013878

(61) Patent of Addition to
Application Number
Filing Date

(62) Divisional to

(62) Divisional to
Application Number
Filing Date
:NA::NA

(71)Name of Applicant:
1)ROBERT BOSCH GMBH

Address of Applicant :Postfach 30 02 20 70442 Stuttgart

Germany

(72)Name of Inventor:

1)LANGENBACH Christian

(57) Abstract:

Method for operating a high pressure injection system (1) for a combustion engine (8) comprising the steps of: conveying the fuel by means of a conveyance pump (3) to a high pressure pump (2) conveying the fuel by means of the high pressure pump (2) to a high pressure rail (10) under high pressure and conveying the fuel by means of the conveyance pump (3) before starting the combustion engine (8) to the high pressure rail (10) wherein the conveyance pump (3) is operated in two different conveyance directions and in a first conveyance direction the fuel is conveyed to the high pressure pump (2) and in a second direction opposite the first conveyance direction the fuel is conveyed into the high pressure rail (10) before starting the combustion engine (8).

No. of Pages: 15 No. of Claims: 12

(22) Date of filing of Application :07/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: SOLAR RECEIVER FOR A SOLAR THERMAL SYSTEM AND SOLAR THERMAL SYSTEM

(51) International classification	:F24J2/07,F24J2/48	(71)Name of Applicant:
(31) Priority Document No	:10 2011 078 522.1	1)SIEMENS AKTIENGESELLSCHAFT
(32) Priority Date	:01/07/2011	Address of Applicant: Wittelsbacherplatz 2 80333 M ¹ / ₄ nchen
(33) Name of priority country	:Germany	Germany
(86) International Application No	:PCT/EP2012/062702	(72)Name of Inventor:
Filing Date	:29/06/2012	1)HOWELL Philip Clissold
(87) International Publication No	:WO 2013/004616	2)WALTER Steffen
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(57) A1		·

(57) Abstract:

The solar receiver for a solar thermal system is formed with ytterbium hexaboride (YbB). The solar thermal system has a solar receiver of this kind.

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

(22) Date of filing of Application :07/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention : METHOD AND SYSTEM FOR CONTROLLING THE TURN ON TIME OF A DEVICE THAT INCLUDES A MAGNETIC CIRCUIT

(51) International :G01R33/02,G01R33/14,H02H9/00

(31) Priority Document No :1154212 (32) Priority Date :16/05/2011 (33) Name of priority country :France

(86) International Application :PCT/EP2012/059029

No :15/05/2012 Filing Date :15/05/2012

(87) International Publication WO 200

:WO 2012/156406

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application

Number :NA Filing Date :NA (71)Name of Applicant:

1)ELECTRICITE DE FRANCE

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France

2)INSTITUT POLYTECHNIQUE DE GRENOBLE 3)CENTRE NATIONAL DE LA RECHERCHE

SCIENTIFIQUE (CNRS) (72)Name of Inventor : 1)CAVALLERA Didier 2)COULOMB Jean Louis

2)COULOMB Jean Louis 3)CHABEDEC Olivier 4)CAILLAULT Bruno

5)ZGAINSKI Fran

§ois Xavier

(57) Abstract:

The invention relates to a method and a system for controlling the turn on time of a device that includes a magnetic circuit and a conductive winding. Said method includes the steps of: acquiring a measurement of the magnetic field generated by the residual flux by means of a sensor placed near the magnetic circuit; processing the acquired measurements so as to infer the residual flux thereof in the magnetic circuit; and determining on the basis of the residual flux the optimal time for turning on the device. All of said steps are carried out after the device has been turned off. The invention also relates to the use of said method to turn on a three phase transformer. The invention relates to a transformer including: a magnetic circuit; a main conductive winding and a secondary conductive winding that are surrounded by an enclosure; and on the magnetic circuit and/or on one outer surface of the enclosure a magnetic field sensor belonging to said system.

No. of Pages: 24 No. of Claims: 9

(22) Date of filing of Application :07/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: PAYMENT SELECTION AND AUTHORIZATION BY A MOBILE DEVICE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:H04M11/00 :13/170121 :27/06/2011 :U.S.A. :PCT/US2012/044246 :26/06/2012 :WO 2013/003372 :NA :NA	(71)Name of Applicant: 1)AMAZON TECHNOLOGIES INC. Address of Applicant: PO Box 8102 Reno NV 89507 U.S.A. (72)Name of Inventor: 1)HANSON Robert 2)SEELEY Brad L.
Filing Date	:NA	

(57) Abstract:

When making a payment with an electronic payment type a user may provide additional verification of ownership through communications with the user s mobile computing device. For example the user may swipe her bank card at a retailer s store. The retailer may authorize the bank card through an issuing party (host). The host may transmit a request to the user via a mobile application running on the mobile computing device which may request the user to approve or decline the purchase request. In various embodiments the host s request may require the user to enter personal and/or authorization information (e.g. a PIN password biometrics etc.) via the mobile application to approve the request. In some aspects the host may allow the user to split or allocate a payment amount across one or more electronic payment types available to the user from the host via the mobile application during the authorization process.

No. of Pages: 54 No. of Claims: 15

(19) INDIA

(22) Date of filing of Application :12/12/2013 (43) Publication Date : 26/12/2014

(21) Application No.10730/DELNP/2013 A

(54) Title of the invention: AUGMENTING A LIVE VIEW

(51) International classification (31) Priority Document No	:G06F7/00 :13/117527	(71)Name of Applicant: 1)A9.COM INC.
(32) Priority Date	:27/05/2011	Address of Applicant :130 Lytton Avenue Palo Alto California
(33) Name of priority country	:U.S.A.	94301 U.S.A.
(86) International Application No		(72)Name of Inventor:
Filing Date (87) International Publication No	:25/05/2012 :WO 2012/166577	1)RAMKUMAR Gurumurthy 2)STASIOR William F.
(61) Patent of Addition to Application	:NA	3)FELDMAN Bryan E.
Number Filing Date	:NA	4)DHUA Arnab S. 5)SENTHAMIL Nalin Pradeep
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Techniques for augmenting an image of an object captured and displayed in real time with associated content are disclosed. In one embodiment the method for augmenting the image includes receiving information defining a sampled frame of a video being captured by an electronic device in substantially real time determining information representative of an object captured in the sampled frame based on the received information causing the determined information to match stored information defining a plurality of items to locate an item matched to the captured object retrieving content associated with the matched item and providing the retrieved content for display with the captured image on the electronic device. The retrieved content may be rendered in an overlay element that overlays the captured image displayed on the electronic device. The rendered content is configured to enable a user to interact with the content.

No. of Pages: 39 No. of Claims: 12

(21) Application No.10700/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application: 12/12/2013 (43) Publication Date: 26/12/2014

(54) Title of the invention: SYSTEMS AND METHODS FOR DETERMINING PHYSIOLOGICAL CHARACTERISTICS OF A PATIENT USING PULSE OXIMETRY

(51) International classification :A61B5/145,A61B5/1455 (71)Name of Applicant :

(31) Priority Document No :61/486802 (32) Priority Date :17/05/2011 (33) Name of priority country :U.S.A.

(86) International Application No :PCT/CA2012/000459

Filing Date :14/05/2012

(87) International Publication No :WO 2012/155245 (61) Patent of Addition to Application

:NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

1)LIONSGATE TECHNOLOGIES INC.

Address of Applicant :5 6063 lona Drive Vancouver British

Columbia V6T0B1 Canada (72)Name of Inventor:

1)PETERSEN Christian Leth 2)ANSERMINO John Mark

3)DUMONT Guy

(57) Abstract:

Methods, systems and related apparatus are provided to enable an electronic device to operate an external sensor comprising one or more emitters for emitting electromagnetic radiation of two different wavelengths and a detector for generating a response signal based on received electromagnetic radiation of the two different wavelengths connectable to an audio interface by applying a harmonic driving signal to a first contact and a second contact of the audio inter face for driving the emitters of the external sensor, receiving the response signal at a third contact of the audio interface, demodulating and demultiplexing the response signal into a first wavelength response signal and a second wavelength response signal, analyzing the first and second wavelength response signals to determine one or more vital signs, and outputting the determined one or more vital signs.

No. of Pages: 51 No. of Claims: 31

(19) INDIA

(22) Date of filing of Application :12/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: PATTERN EXTRACTION DEVICE AND METHOD

(51) International classification :G06F17/30,G0 (31) Priority Document No :2011128596 (32) Priority Date :08/06/2011 (33) Name of priority country :Japan

(86) International Application No
Filing Date

Sapan

Sapan

PCT/JP2012/003433

:25/05/2012

(87) International Publication No :WO 2012/169137

(61) Patent of Addition to Application
Number
Filing Date
(62) Divisional to Application Number
Filing Date
:NA
Filing Date
:NA

:G06F17/30,G06F19/00 (71)**Name of Applicant :**

1)KABUSHIKI KAISHA TOSHIBA

(21) Application No.10707/DELNP/2013 A

Address of Applicant :1 1 Shibaura 1 chome Minato ku Tokyo

1058001 Japan

2)TOSHIBA SOLUTIONS CORPORATION

(72)Name of Inventor:
1)SAKURAI Shigeaki
2)HAYAKAWA Rumi

3)EGAWA Seiji

(57) Abstract:

In order to control pattern extraction reflecting the association between items from target information including a plurality of items a pattern extraction device being an embodiment of the present invention includes: a first memory unit that stores a plurality of target information; a candidate pattern generation unit that generates a candidate pattern configured by at least two mutually different items on the basis of each item included in each of the plurality of target information; a candidate evaluation value calculation unit that calculates an extraction evaluation value for the candidate patterns on the basis of the frequency of appearance of the generated candidate patterns in each of the plurality of target information; a pattern extraction unit that distinguishes and extracts candidate patterns for which the calculated extraction evaluation value reaches a prescribed threshold value; and a second memory unit that stores the degree of association between items. The candidate evaluation value calculation unit identifies the degree of association between each item included in the candidate patterns and calculates the extraction evaluation values on the basis of a weighted value based on the identified degree of association and the frequency of appearance.

No. of Pages: 63 No. of Claims: 5

(21) Application No.10709/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application: 12/12/2013 (43) Publication Date: 26/12/2014

(54) Title of the invention: MEASUREMENT DEVICE MEASUREMENT SYSTEM MEASUREMENT POSITION ALIGNMENT METHOD USING THIS AND MEASUREMENT POSITION ALIGNMENT PROGRAM

(51) International classification :G01J3/50,A61B5/055,A61B6/00 (71)Name of Applicant:

:WO 2012/169592

(31) Priority Document No :2011127080 (32) Priority Date :07/06/2011 (33) Name of priority country :Japan

(86) International Application :PCT/JP2012/064700

:07/06/2012 Filing Date

(87) International Publication No

(61) Patent of Addition to :NA **Application Number** :NA

Filing Date (62) Divisional to Application :NA Number :NA Filing Date

1)PROSPER CREATIVE CO. LTD.

Address of Applicant: Yurakubashi Bldg. 5F 2 2 17 Ginza

Chuo ku Tokyo 1040061 Japan

(72)Name of Inventor:

1)KAWABATA Hideki 2)KIJIMA Akira

(57) Abstract:

The purpose of the present invention is to precisely align corresponding measurement points of multiple objects to be measured and to assess the objects to be measured from the results of measurement at both measurement points. A measurement system (100) is provided with a measurement device (10) and a PC (20) and the measurement device (10) is provided with a spectroscopic unit (12) that measures a measurement point of an object to be measured and a camera (16) for imaging the surrounding of the measurement point in real time. The PC (20) displays on a display screen of a display unit (22) an assessment image of sequence image information of an assessment medium which is imaged and displayed by the camera (16) of the measurement device (10) so as to be superimposed over a reference image of still image information of a reference medium which has been imaged by the camera (16) and stored in a memory (24). By performing comparison between the measurement data obtained by measuring the measurement point in the assessment image when the both images overlap each other almost completely and the measurement data of the measurement point in the reference image stored in the memory (24) it is possible to carry out alignment easily and perform comparison of the measurement data.

No. of Pages: 117 No. of Claims: 20

(21) Application No.10710/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :12/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention : WIRELESS TRANSMISSION SYSTEM WIRELESS TRANSMISSION DEVICE WIRELESS TRANSMISSION METHOD AND COMPUTER READABLE MEDIUM

(51) International :H04W48/18,H04L29/04,H04L29/06

(31) Priority Document No

:2011144107

(32) Priority Date (33) Name of priority

:29/06/2011

country

:Japan

(86) International

:PCT/JP2012/003855

Application No Filing Date

:13/06/2012

(87) International

:WO 2013/001732

Publication No

(61) Patent of Addition to Application Number :NA :NA

Filing Date

(62) Divisional to
Application Number :NA :NA

Filing Date

(71)Name of Applicant : 1)NEC Corporation

Address of Applicant: 7 1 Shiba 5 chome Minato ku Tokyo

1088001 Japan

(72)Name of Inventor:

1)OKAZAKI Kohei

(57) Abstract:

Provided are a wireless transmission system wireless transmission device wireless transmission method and wireless transmission program capable of securing predetermined communication quality in wireless communication using link aggregation technology. In the wireless transmission system (100) a first device (101) and a second device (102) perform wireless data communication by way of a wireless transmission channel which uses a plurality of physical links in parallel. At each device input/output ports (111 to 113) input and output data. A plurality of wireless signal processing means (141 to 143) control physical links that are different from one another in order to measure the signal strength level of each physical link so as to notify a peer side device of the same. Link aggregation control means (130) on the basis of the signal level for each physical link determines each of the priorities of the physical links. Packet transfer processing means (141 to 143) selects among physical links configuring the wireless transmission path a physical link which has a usable band of a predetermined capacity and which is of a high priority as a data transmission destination.

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

(21) Application No.10712/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :12/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention : WIRELESS TRANSMITTER WIRELESS RECEIVER WIRELESS COMMUNICATIONS SYSTEM ELEVATOR CONTROL SYSTEM AND TRANSFORMER EQUIPMENT CONTROL 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 	:H04B1/02 :NA :NA :NA :PCT/JP2011/062576 :01/06/2011 :WO 2012/164697 :NA :NA	(71)Name of Applicant: 1)HITACHI LTD. Address of Applicant: 6 6 Marunouchi 1 chome Chiyoda ku Tokyo 1008280 Japan (72)Name of Inventor: 1)TAKEI Ken
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

To improve reliability of digital wireless communications affected by multipath interference in an environment having a plurality of electromagnetic wave scattering bodies. [Solution] A wireless transmitter (10) that transmits from a transmission antenna (20 1) using an information signal having a frequency band (f1) of a prescribed frequency first transmission waves having a first carrier frequency (f0+f) modulated by a modulator (13 1) and transmits second transmission waves having a second carrier frequency (f0 f) modulated by the modulator (13 1) using this information signal. The average frequency (f0) of the first carrier frequency (f0+f) and the second carrier frequency (f0 f) is constant and the first carrier frequency (f0+f) and the second carrier frequency (f0 f) can be changed by controlling the frequency difference (f).

No. of Pages: 49 No. of Claims: 11

(21) Application No.10713/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :12/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: NOVEL METHOD FOR PRODUCING ETHANOL

 (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No	:C12P7/08,C12N1/16,C12N15/09 :2011146931 :01/07/2011 :Japan :PCT/JP2012/066115 :25/06/2012 :WO 2013/005595 :NA :NA	(71)Name of Applicant: 1)NATIONAL UNIVERSITY CORPORATION KOBE UNIVERSITY Address of Applicant: 1 1 Rokkodai cho Nada ku Kobe shi Hyogo 6578501 Japan (72)Name of Inventor: 1)KONDO Akihiko 2)HASUNUMA Tomohisa
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The present invention provides a novel method for producing ethanol using a cellulose type biomass as a raw material. Specifically provided is a novel method for producing ethanol which can produce ethanol effectively in the presence of a substance having an inhibitory activity on the fermentation of ethanol. When a microorganism that is genetically modified so as to inhibit the expression of at least one phosphatase among phosphatases contained intrinsically in the microorganism is used ethanol can be produced effectively even under conditions containing a substance that has been believed to have a fermentation inhibitory activity so far specifically a weakly acidic substance and/or a furan compound.

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

(21) Application No.10716/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application: 12/12/2013 (43) Publication Date: 26/12/2014

(54) Title of the invention: ENERGY EFFICIENCY AND COST EFFICIENT PROTECTION IN PASSIVE OPTICAL **NETWORKS**

(51) International classification :H04Q11/00,H04W24/04 (71)Name of Applicant : (31) Priority Document No :13/185289 (32) Priority Date :18/07/2011

(33) Name of priority country :U.S.A.

(86) International Application No :PCT/US2012/044733 Filing Date :28/06/2012

:NA

(87) International Publication No :WO 2013/012538

(61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA

1)TELEFONAKTIEBOLAGET LM ERICSSON Address of Applicant :S 164 83 Stockholm Sweden

(72)Name of Inventor: 1)GHAZISAIDI Navid

(57) Abstract:

Filing Date

A network element implementing an optical network unit (ONU) that is configured to improve efficiency in a passive optical network (PON) the ONU connected to an optical line terminal (OLT) over an optical line the ONU connected with an aggregating ONU (AG ONU) in the PON through an alternate connection separate from the PON the ONU improving protection (maintenance) cost and energy efficiency for the PON by entering a sleep mode that disables communication with the OLT over the optical line to reduce energy consumption when the ONU is idle the ONU to restart communication with the OLT over the optical line upon receipt of data traffic the ONU including an alternate connection module configured to communicate with the AG ONU; and a network processor configured to execute a quality of service module an AG ONU monitor module a traffic forwarding module and a power management module.

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

(22) Date of filing of Application :11/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: DISTRIBUTION CHUTE FOR A CHARGING DEVICE

(51) International classification :C21B7/20,F27B1/20,F27D3/00 (71)Name of Applicant : (31) Priority Document No :91 829 1)PAUL WURTH S.A. (32) Priority Date :21/06/2011 Address of Applicant :32 rue dAlsace L 1122 Luxembourg (33) Name of priority country :Luxembourg Luxembourg (86) International Application No :PCT/EP2012/060681 (72)Name of Inventor: Filing Date :06/06/2012 1)THILLEN Guv (87) International Publication No: WO 2012/175335 2)THINNES Claude (61) Patent of Addition to 3)LONARDI Emile :NA **Application Number** 4)DEVILLET Serge :NA Filing Date

(62) Divisional to Application
Number
:NA
:NA

Filing Date

(57) Abstract:

The invention relates to a distribution chute (100) for a charging device of the rotary pivotal type, e.g. for a shaft furnace. The chute has an upstream mounting head (114) and a chute body (112) having an elongated downstream chute portion (116) with a longitudinal axis (L). It further includes at least two lateral suspensions (130) at the mounting head for mounting the chute to at least two corresponding sup O port flanges of the charging device, the support flanges (140) being pivotable about the pivoting axis (B) in a raising sense (R) for raising the outlet (120) to a radially outer most charging position and in an opposite lowering sense for lowering the outlet to a radially innermost charging position with respect to the rotational axis. The suspen sions (130) define a first and a second tilt points, which define, in turn, a tilt axis (T), about which the weight of the chute exerts torque onto support flanges of the charging device when the chute is mounted. The suspensions are configured in such a way that the ratio of the distance between the tilt axis and the pivoting axis to the distance between the first and second tilt points (which corresponds at least approximatively to the distance between the suspensions) amounts to 0.25 at most. According to the invention, the suspensions (130, 230, 330) are arranged so that an acute angle (a) from the longitudinal axis (L) to a virtual plane (P) through the tilt axis (T) and the center of gravity (G) of the chute has an angular measure in the raising sense (R) that has a small positive or a negligibly negative value.

No. of Pages: 37 No. of Claims: 23

(19) INDIA

(22) Date of filing of Application :11/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: A PROCESS FOR DRYING MATERIAL AND DRYER FOR USE IN THE PROCESS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:C10L9/08 :2011902384 :17/06/2011 :Australia :PCT/AU2012/000701 :18/06/2012 :WO 2012/171078 :NA :NA	(71)Name of Applicant: 1)PACIFIC EDGE HOLDINGS PTY LTD Address of Applicant: Suite 332 St Kilda Road Towers 1 Queens Road Melbourne Victoria 3004 Australia (72)Name of Inventor: 1)CARNEGIE Roderick Howard 2)COOPER Brendon Gerrard 3)STEVENS William John
Filing Date	:NA :NA	

(21) Application No.10661/DELNP/2013 A

(57) Abstract:

A process of drying moisture containing material having a tendency to create dust when dried said process including the steps of: providing said material in a heated chamber having a steam containing atmosphere at a temperature above the dewpoint of the steam recirculating a hot gas including a portion of the steam through said chamber in order to evaporate moisture from the material to a predetermined level of dryness.

No. of Pages: 19 No. of Claims: 21

(22) Date of filing of Application:11/12/2013 (43) Publication Date: 26/12/2014

(54) Title of the invention: PROCESS FOR UPGRADING LOW RANK CARBONACEOUS MATERIAL

(51) International classification :C10L5/00,C10L5/04,C10L5/02 (71)Name of Applicant :

(31) Priority Document No :2011902385 (32) Priority Date :17/06/2011 :Australia

(33) Name of priority country (86) International Application No :PCT/AU2012/000703

Filing Date :18/06/2012

(87) International Publication No :WO 2012/171080 (61) Patent of Addition to

:NA **Application Number** :NA Filing Date

(62) Divisional to Application :NA Number :NA Filing Date

1)PACIFIC EDGE HOLDINGS PTY LTD

Address of Applicant: Suite 332 St Kilda Road Towers 1

Queens Road Melbourne Victoria 3004 Australia

(72)Name of Inventor:

1)CARNEGIE Roderick Howard 2)COOPER Brendon Gerrard 3)STEVENS William John

(57) Abstract:

A process for upgrading brown coal having a first water content including: subjecting the brown coal to a conditioning step which includes heating the brown coal to a first temperature to produce a conditioned brown coal having a second water content which is lower than the first water content; attritioning the conditioned brown coal to enable water to be released from the microstructure of the brown coal and thereby producing an admixture of the brown coal and released water; forming aggregates of the admixture; drying the aggregates to produce upgraded brown coal having a third water content which is lower than the second water content.

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

(21) Application No.10663/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :11/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention : SEED TREATMENT MACHINE FOR TREATING PRE GERMINATED SEEDS AND METHOD FOR TREATING PRE GERMINATED SEEDS

(51) International classification	:A01C1/06,A01C15/00	(71)Name of Applicant :
(31) Priority Document No	:100116981	1)BAYER INTELLECTUAL PROPERTY GMBH
(32) Priority Date	:16/05/2011	Address of Applicant :Alfred Nobel Str. 10 40789 Monheim
(33) Name of priority country	:Taiwan	Germany
(86) International Application No	:PCT/EP2012/058927	(72)Name of Inventor:
Filing Date	:14/05/2012	1)HEROLD Peter
(87) International Publication No	:WO 2012/156364	2)HAN Sunny
(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 provides a rice seed treatment machine (10) and method for treating rice seeds which enable the pre-germinated rice seed to be treated continuously while ensuring treatment quality is not compromised. The germinated rice seeds will be treated with agrochemicals in the machine (10), and then the treated germinated rice seeds will be automatically planted into seedling boxes.

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

(21) Application No.10678/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :11/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: FOOD SUSPENSION DEVICE

(51) International classification	:A47J43/18	(71)Name of Applicant:
(31) Priority Document No	:11169618.3	1)NESTEC S.A.
(32) Priority Date	:10/06/2011	Address of Applicant :Av. Nestl 55 CH 1800 Vevey
(33) Name of priority country	:EPO	Switzerland
(86) International Application No	:PCT/EP2012/059080	(72)Name of Inventor:
Filing Date	:16/05/2012	1)STOKOE Ian
(87) International Publication No	:WO 2012/168044	2)LUKE Patrick
(61) Patent of Addition to Application	:NA	3)GIBSON Paul Michael
Number	:NA	4)McLEOD Chastity Prince
Filing Date	.IVA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention relates to a suspension device (10) for sus pending a food while cooking the food in an oven, the suspension device compris ing a body (12) having a first portion (14) and a second portion (16), the first portion (14) being configured to engage with a suspension location in the oven, the second portion (16) being configured to hold the food, and wherein the first portion and/or the second portion has a thermal conductivity below 8 w/ (mK).

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

(21) Application No.10684/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application: 12/12/2013 (43) Publication Date: 26/12/2014

(54) Title of the invention: ROTARY DISTRIBUTION APPARATUS

(51) International :F16K11/072,F16K11/074,F16K11/076 classification

(31) Priority Document :2011/04747

(32) Priority Date :27/06/2011 (33) Name of priority :South Africa

country

(86) International :PCT/IB2012/053167

Application No :22/06/2012 Filing Date

(87) International :WO 2013/001428 **Publication No**

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to :NA **Application Number** :NA Filing Date

(71)Name of Applicant:

1)TONGAAT HULETT LIMITED

Address of Applicant : Amanzimnyama Hill Tongaat 4400

Kwazulu Natal South Africa (72)Name of Inventor:

1)JENSEN Craig 2)SMITH Leon

(57) Abstract:

A rotary distribution apparatus includes a stationary cylindrical inner core (27) and a rotatable cylindrical outer shell (25) disposed about the inner core with the inner core (27) and the outer shell defining a plurality of annular fluid distribution chambers therebetween. The apparatus furthermore includes a rotatable indexing disc (23) having a plurality of flow passages provided therethrough connection ports of which are in flow communication with ports in the outer shell (25) and a stationary indexing disc (22) having a plurality of flow passages provided therethrough connection ports of which are in flow communication with suitable process vessels. The rotary distribution apparatus includes a driving arrangement that comprises a stationary shaft (28) to which the stationary core (27) is secured and a rotatable sleeve (24) rotatable about the stationary shaft (28) the rotatable sleeve (24) driving the rotatable outer shell (25) and the rotatable indexing disc (23).

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

(21) Application No.10685/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application: 12/12/2013 (43) Publication Date: 26/12/2014

(54) Title of the invention: TYRE FOR LIGHT VEHICLE

(51) International classification :B60C9/18,B60C9/20,B60C9/22 (71)Name of Applicant :

(31) Priority Document No :1156332 (32) Priority Date :12/07/2011 (33) Name of priority country :France

(86) International Application No: PCT/EP2012/063531

Filing Date :11/07/2012

(87) International Publication No: WO 2013/007737

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to Application :NA Number :NA Filing Date

1) COMPAGNIE GENERALE DES ETABLISSEMENTS

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2)MICHELIN RECHERCHE ET TECHNIQUE S.A.

(72)Name of Inventor:

1)FLAMENT Julien

(57) Abstract:

The invention relates to a tyre designed to be fitted to a light vehicle, comprising: two beads (20) designed to come into contact with a mounting rim, each bead comprising at least one annular reinforcing structure (70); two side walls (30) extending the beads radially outwards, the two side walls meeting in a crown; at least one carcass reinforcement (60) anchored in the beads and o extending from the beads, through the side walls as far as the crown, the carcass reinforcement comprising a plurality of carcass rein forcing elements (61), these carcass reinforcing elements being textile and oriented radially; a crown reinforcement consisting of a o fabric (180) of textile reinforcing elements, which are oriented at $\pm 45^{\circ}$ with respect to the circumferential direction; the crown rein forcement being surmounted by a textile hooping reinforcement (100) and by a tread (40), the hooping reinforcement being formed of reinforcing elements (101) that are oriented circumferentially.

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

(19) INDIA

(22) Date of filing of Application :12/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: METHOD AND SYSTEM FOR REINFORCED PIPE INSULATION

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:F16L59/00 :61/508865 :18/07/2011 :U.S.A. :PCT/US2012/046146 :11/07/2012 :WO 2013/012624 :NA :NA	(71)Name of Applicant: 1)RILCO MANUFACTURING COMPANY INC. Address of Applicant:11435 Brittmoore Park Drive Houston TX 77041 U.S.A. (72)Name of Inventor: 1)ZAGORSKI Kenneth 2)DONOGHUE Joseph A. 3)BOCK Michael E.
(62) Divisional to Application Number Filing Date	:NA :NA	

(21) Application No.10686/DELNP/2013 A

(57) Abstract:

A reinforced insulation material having one or more sheets of insulation material having a plurality of voids in each sheet wherein the sheets are operably connected to each other in a layered configuration the voids mate to each other to create cylindrical or rectilinear pathways for insertion of adhesive or synthetic material to adhere the sheets into a layered or sandwiched configuration The voids may be a variety of shapes including circles squares rectangles or other suitable shapes that upon formation of the layered sheets Sine up to permit insertion of material or dowels to create a reinforced assembly. The layers may be formed into a variety of shapes including a semicircular shape to go around a pipe or a block of material. The finished assembly withstands compressive forces and provides insulation when in place around pipes or under tanks.

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

(12) TATENT ATTECATION TODLICAT

(22) Date of filing of Application: 11/12/2013

(43) Publication Date: 26/12/2014

(21) Application No.10664/DELNP/2013 A

(54) Title of the invention: INK JET PRINT HEAD COMPRISING A LAYER MADE BY A CURABLE RESIN 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 	:30/05/2012 :WO 2012/168121 :NA :NA	(71)Name of Applicant: 1)SICPA HOLDING SA Address of Applicant: Avenue de Florissant 41 CH 1008 Prilly Switzerland (72)Name of Inventor: 1)CIAMPINI Davide 2)GINO Luigina 3)GIORDANO Norma
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

(19) INDIA

The present invention relates to an ink-jet print head able to resist to chemically aggressive solvent-based inks, and to a process for the manufacturing thereof, the ink-jet print head comprising a polymeric material layer defining ink passage ways formed on a substrate, said polymeric material layer being formed by curing a curable resin composition comprising a cyclic aromat ic difunctional epoxy resin, a cyclic aliphatic difunctional epoxy resin and a polymerization initiator. The invention also relates to an improved curable resin composition.

No. of Pages: 38 No. of Claims: 45

(21) Application No.10665/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application: 11/12/2013 (43) Publication Date: 26/12/2014

(54) Title of the invention: METHOD FOR DOT PRINTING ON CARDS

(51) International classification: B41J11/00,B41J13/00,B41J13/12 (71) Name of Applicant:

(31) Priority Document No :MI2011A001022 (32) Priority Date :07/06/2011

(33) Name of priority country :Italv

(86) International Application :PCT/IB2012/052582

No Filing Date

:23/05/2012

(87) International Publication

:WO 2012/168814

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to Application :NA Number :NA Filing Date

(57) Abstract:

1)SICPA HOLDING SA

Address of Applicant : Avenue de Florissant 41 CH 1008 Prilly

Switzerland (72)Name of Inventor:

1)CAPPELLO Paolo 2)MONDINO Mauro

Method for dot printing on cards comprising: providing a storage zone wherein cards to be printed are stored; activating an extraction station (20) for extracting a card (11) from the storage zone the card having a main side; arranging the extracted card on a support carriage (40) that includes a plate like element (48) that has a main edge (48a); performing a main movement of the carriage (40) for bringing the card to a printing station (50); activating the printing station for dot printing on the card. Placing the card on the carriage comprises: providing an abutment element (90); providing an abutment structure (100) comprising: a first abutment portion that defines a first abutment surface (Al) for the card; a second abutment portion (120) that defines a second abutment surface (A2) for the carriage. The first abutment surface (A1) is offset from the second abutment surface (A2) by a first distance (d1). The method further comprises: placing the carriage at a first position (PI) in which it is interposed between an output (20a) of the extraction station (20) and the abutment element (90) and in which the main edge has a second distance (d2) from the second abutment portion (120) larger than the first distance (d1) placing the card (11) on the plate like element (48) so that the card extends partly beyond the main edge and the main side (11a) has a third distance (d3) from the main edge (48a) that is larger than the first distance (d1); moving the card in a first direction (XI) so as to impinge onto the abutment element (90); performing a first movement in a second direction (X2) transverse to the first direction (X1) of the carriage toward the abutment structure so that: first the main side (11a) of the card impinges on the first abutment portion (100) and stops at the first abutment surface (Al) and then the main edge (48a) of the plate like element impinges on the second abutment portion (120) and reaches the second abutment surface (A2).

No. of Pages: 41 No. of Claims: 35

(21) Application No.10667/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application:11/12/2013

(43) Publication Date: 26/12/2014

(54) Title of the invention : BLOCK MOLDING MACHINE AND METHOD FOR VERTICALLY ADJUSTING A BLOCK MOLDING 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 	:10 2011 050 970.4 :09/06/2011 :Germany	(71)Name of Applicant: 1)REKERS VERWALTUNGS GMBH & CO. KG Address of Applicant: Gerhard Rekers Str. 1 48480 Spelle Germany (72)Name of Inventor: 1)FOPPE Norbert
Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

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

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

(22) Date of filing of Application :09/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: MOBILE-TERMINAL-BASED WEBPAGE LAYOUT 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 	:22/05/2012 :WO 2012/159563	(71)Name of Applicant: 1)GUANGZHOU UCWEB COMPUTER TECHNOLOGY CO. LTD Address of Applicant:Room 301 No. 16 2 Building Keyun Road Tianhe District Guangzhou Guangdong 510665 China (72)Name of Inventor: 1)LIANG Jie
	:NA :NA :NA :NA	I)LIANG JE

(57) Abstract:

Provided is a PC layout method based on a mobile terminal comprising: re typesetting a WWW webpage based on PC layout according to the following layout rules: on the basis of a WWW webpage PC layout rule keeping the width of a block element unchanged and performing line breaking to the inline elements inside the block element in the screen width of the mobile terminal; and displaying the re typeset webpage on the mobile terminal according to the rule. Utilizing the present invention not only the main display style of the PC layout can be remained on the integral layout of the webpage but also adaptative regulation can be carried out to the local region of the webpage according to a mobile phone screen so that contents such as characters and the like can be continuously displayed within the mobile phone screen and the PC layout is perfectly combined with the display of the mobile terminal thereby ensuring a user to utilize the mobile terminal to browse webpages more conveniently without changing browsing habits.

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

(22) Date of filing of Application :09/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: METHOD FOR DETECTING LUPUS ANTICOAGULANTS

(51) International classification	:G01N33/86	(71)Name of Applicant :
(31) Priority Document No	:2011135173	1)SCHOOL JURIDICAL PERSON HIGASHI NIPPON
(32) Priority Date	:17/06/2011	GAKUEN
(33) Name of priority country	:Japan	Address of Applicant: 1757 Aza Kanazawa Tobetsu cho
(86) International Application No	:PCT/JP2012/065433	Ishikari gun Hokkaido 0610293 Japan
Filing Date	:15/06/2012	2)SEKISUI MEDICAL CO. LTD.
(87) International Publication No	:WO 2012/173259	(72)Name of Inventor:
(61) Patent of Addition to Application	:NA	1)IEKO Masahiro
Number	:NA	2)MORIKAWA Chizuru
Filing Date	.IVA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Provided is a simple method for detecting lupus anticoagulants without using blood plasma from healthy individuals which is capable of distinguishing between blood coagulation factor deficiencies even in blood samples originating from patients undergoing anticoagulant therapies using warfarin heparin or the like without being affected by said anticoagulant therapies. The method for detecting lupus anticoagulants is characterized in that it involves the following three steps (A) (B) and (C): (A) a step in which a buffering solution composition containing blood coagulation factors is added to a blood sample and to a diluted sample of said blood sample both before and during the measurement of the blood coagulation time; (B) a step in which the blood coagulation time is measured for each of the samples from step (A); and (C) a step in which the blood coagulation times of each of the samples obtained in step (B) are compared.

No. of Pages: 37 No. of Claims: 5

(19) INDIA

(22) Date of filing of Application :09/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: CARTRIDGE 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 	:07/06/2012 :WO 2012/177408 :NA :NA	(71)Name of Applicant: 1)ETHICON ENDO SURGERY INC. Address of Applicant: 4545 Creek Road Cincinnati OH 45242 U.S.A. (72)Name of Inventor: 1)CHEN Siliang 2)VASUDEVAN Venkataramanan Mandakolathur
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA	

(21) Application No.10549/DELNP/2013 A

(57) Abstract:

The present utility model provides a cartridge assembly comprising a cartridge having a plurality of staple containing slots for containing surgical staplers; a stapler driver with a plurality of tips for driving the surgical staplers; and a casing for housing the stapler driver wherein the casing is provided with openings for delivering a medium in its side area corresponding to the plurality of tips.

No. of Pages: 16 No. of Claims: 7

(21) Application No.10750/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :13/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention : METHOD FOR REMOTELY READING FLUID METERS AND METER AND SERVER ASSOCIATED WITH SAID 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 	:FR 1155664 :27/06/2011 :France :PCT/IB2012/053219 :26/06/2012 :WO 2013/001450 :NA :NA	(71)Name of Applicant: 1)SUEZ ENVIRONNEMENT Address of Applicant: Tour CB 21 16 Place de IIris 92040 Paris La Dfense CEDEX France (72)Name of Inventor: 1)CALVEZ Philippe
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The invention relates to a method for remotely reading fluid meters according to which a meter comprises a module having a metering clock and a wireless transmitter for transmitting a frame of time stamped remote reading information to a server which comprises a server clock; after every N frames are transmitted the meter module enters a receiving mode (Rx) for a period of time (Rx); upon receiving a frame of time stamped information the server determines the difference between the time information contained in the received frame and the time information provided by the server clock; then if the difference is greater than a predetermined limit (L) the server sends a reset message to the meter; upon receiving the reset message the module of the meter updates the meter clock.

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

(21) Application No.10566/DELNP/2013 A

(19) INDIA

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

(43) Publication Date: 26/12/2014

(54) Title of the invention : HYDRO ELECTRIC POWER PLANT COMPRISING A GRATING ASSEMBLY FOR TAKING WATER INTO THE TURBINE WHICH IS DESIGNED TO DISCHARGE FLOATING DEBRIS STOPPED BY THE GRATING

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication 	:F03B11/08,F03B13/08,F03B3/04 :1154257 :17/05/2011 :France :PCT/FR2012/050788 :11/04/2012	 (71)Name of Applicant: 1)MJ2 TECHNOLOGIES Address of Applicant: Route de Millau Zone dactivits Millau Larzac F 12230 La Cavalerie France (72)Name of Inventor: 1)FONKENELL Jacques
No	:WO 2012/156604	
(61) Patent of Addition toApplication NumberFiling Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The invention relates to a power plant which operationally combines a downstream turbine unit (7) and an upstream grating assembly (8) which includes a grating (16) a supporting structure (17) and a means (18) for associating the grating (16) which has a structure that enables movement of at least the upper portion of the grating (16) between an upright position for the debris stopping function and a folded down position for discharging the floating debris stopped by the grating (16).

No. of Pages: 28 No. of Claims: 22

(21) Application No.10567/DELNP/2013 A

(19) INDIA

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

(43) Publication Date: 26/12/2014

(54) Title of the invention: SELECTIVE BASE METALS LEACHING FROM LATERITE ORES

(57) Abstract:

It is described a process to use ferric sulphate equilibrium to reduce overall acid consumption and iron extraction the process comprising the steps of: (i) sulphating; (ii) selective pyrolysis and (iii) selective dissolution.

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

(19) INDIA

(22) Date of filing of Application :09/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: LEAD ACID BATTERY USED FOR HIGH TEMPERATURE CYCLE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:22/09/2011 :WO 2012/167523 :NA :NA :NA	(71)Name of Applicant: 1)JIANGSU SHUANGDENG GROUP CO. LTD. Address of Applicant: No.1 Shuangdeng Science and Technology Park Liangxu Town Jiangyan Jiangsu 225526 China (72)Name of Inventor: 1)XUE Kuiwang 2)ZHANG Ming
Filing Date	:NA	

(57) Abstract:

Disclosed is a lead acid battery used for high temperature cycle. A 0.1% 0.8% heat resistant material PPS (polyphenylene sulfide) is added into a diaphragm 1% 1.8% KSO is added into an electrolyte the housing is made of a PPO like and PC ABS alloy like heat resistant material and the assembly compression ratio of the pole group is 20% 35%. The present invention improves the charge acceptance high temperature cycle life and high temperature float charging life of the battery solves the problem that existing lead acid batteries easily lose water and that the cycle life thereof is poor in high temperature and is applicable for use in a high temperature environment in the communications industry.

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

(19) INDIA

(22) Date of filing of Application :09/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: ACTUATING UNIT FOR AN APPARATUS FOR SORTING ARTICLES

(51) International classification :B65G17/34,B65G47/96 (71)Name of Applicant : 1)INTERROLL HOLDING AG (31) Priority Document No :10 2012 010 056.6 Address of Applicant :Via Gorelle 3 CH 6592 Sant Antonino (32) Priority Date :21/05/2012 (33) Name of priority country :Germany Switzerland :PCT/EP2013/001479 (86) International Application No (72)Name of Inventor: Filing Date :17/05/2013 1)DROSTE Heinrich (87) International Publication No :WO 2013/174500 2)BERTRAN Thomas (61) Patent of Addition to Application 3)K,,SER Uwe :NA :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract:

Actuating unit (50) for a sorting apparatus (10) wherein the actuating unit (50) has a swing element holder (60) and at least one swing action element (80 80) with a drive component (81 81) for transmitting drive power to a drive wheel (32) of a transporting unit (18) wherein the swing action element (80 80) is mounted in the swing element holder (60) such that it can be displaced between a rest position and a drive position wherein a movement limiting component (82) is provided on the swing action element (80 80) and interacts with a movement limiting element (63) so as to limit the displacement of the swing action element (80 80) in the direction of the rest position and/or in the direction of the drive position sorting apparatus (10) having such an actuating unit (50) and method for assembling such an actuating unit (50).

No. of Pages: 30 No. of Claims: 13

(21) Application No.10767/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application: 13/12/2013 (43) Publication Date: 26/12/2014

(54) Title of the invention: ENGINE CONTROL SYSTEM FOR WORK MACHINE

:WO 2013/021703

(51) International classification: F02D29/02,E02F9/26,F02D29/00 (71) Name of Applicant:

(31) Priority Document No :2011173290 (32) Priority Date :08/08/2011

(33) Name of priority country :Japan

(86) International Application :PCT/JP2012/062417 No :15/05/2012

Filing Date

(87) International Publication

(61) Patent of Addition to :NA **Application Number**

:NA Filing Date (62) Divisional to Application

:NA Number :NA Filing Date

1)HITACHI CONSTRUCTION MACHINERY CO. LTD.

Address of Applicant :5 1 Koraku 2 chome Bunkyo ku Tokyo

1128563 Japan

(72)Name of Inventor:

1)YOSHIDA Hajime

2) ISHII Hajime

(57) Abstract:

Provided is an engine control system for a work machine that is capable of correctly measuring the sulfur content of exhaust gas which is detrimental to the normal operation of exhaust gas aftertreatment devices and of reducing sulfur poisoning in exhaust gas aftertreatment devices. Each time an engine is started by a key switch (46) being turned ON the amount of remaining fuel as stored from the previous time the engine stopped and the amount of remaining fuel as detected during the current engine startup are compared and sulfur content concentration measurement processing is performed only if the amount of remaining fuel has increased. In this processing the rotational speed of an engine (1) is forcibly controlled to be fixed at a target rotational speed (Na) suitable for measuring sulfur concentration an assessment is made to determine if the sulfur concentration is at or above a threshold value when the temperature of the exhaust gas is in a prescribed temperature range (Texa Texb) suitable for measuring sulfur concentration and a target amount of time (Ta) has elapsed and if the sulfur concentration is at or above the threshold value a warning display device (42) is activated.

No. of Pages: 46 No. of Claims: 4

(21) Application No.10578/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :09/12/2013 (43) Publication Date: 26/12/2014

(54) Title of the invention: INFORMATION DISTRIBUTION SYSTEM AND METHOD THEREOF

(51) International :G06F9/44,H04M1/725,G06F17/28 classification

:04/07/2011

(31) Priority Document No :NA (32) Priority Date :NA

(33) Name of priority country: NA

(86) International Application :PCT/EP2011/061199

No

Filing Date :WO 2013/004287

(87) International Publication No

(61) Patent of Addition to **Application Number**

:NA Filing Date (62) Divisional to Application :NA Number :NA

Filing Date

(71)Name of Applicant: 1)NAXOS FINANCE SA

Address of Applicant :42 44 avenue de la Gare L 1610

Luxembourg

(72)Name of Inventor:

1)EZEQUIEL Ruiz Rodriguez

(57) Abstract:

The present invention relates to an information distribution system (1) of the type comprising distribution means (10 20) adapted to distribute said information in a first predefined language said distribution means comprising at least one distribution device (10) coupled to at least one control unit (20). The invention is characterized in that said system (1) comprises connection means (30) for establishing a telephone connection with a mobile telephone (50) through a telephone network (40) said connection means (30) being associated with said distribution means (10 20) for distributing said information through said at least one device (10) in a second language corresponding to the language of the country where a SIM card (51) has been associated with said mobile telephone (50) that has established said telephone connection.

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

(21) Application No.10579/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :09/12/2013 (43) Publication Date: 26/12/2014

(54) Title of the invention: DISPOSABLE DIAPERS

(51) International

:A61F13/53,A61F13/532,A61F13/533

classification

(31) Priority Document No :61/495406

(32) Priority Date (33) Name of priority :10/06/2011 :U.S.A.

:08/06/2012

:PCT/US2012/041495

:WO 2012/170781

country

(86) International

Application No Filing Date

(87) International

Publication No

(61) Patent of Addition to :NA **Application Number** :NA

Filing Date

(62) Divisional to :NA **Application Number** :NA Filing Date

(71)Name of Applicant:

1) THE PROCTER & GAMBLE COMPANY

Address of Applicant :One Procter & Gamble Plaza Cincinnati

Ohio 45202 U.S.A.

(72)Name of Inventor:

1)KREUZER Carsten Heinrich

2)ROSATI Rodrigo 3)ARIZTI Blanca

4)JACKELS Hans Adolf 5)BIANCHI Ernesto G. 6)ROE Donald Carroll

(57) Abstract:

Disposable absorbent diapers are provided with improved comfort, fit and liquid transportation. The absorbent core of the disposable absorbent diapers comprises at least one absorbent structure comprising a substrate layer and an absorbent layer with channels.

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

(19) INDIA

(22) Date of filing of Application :13/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: MOBILE MACHINE TRACK SHOE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:19/06/2012 :WO 2013/003103 :NA	(71)Name of Applicant: 1)CATERPILLAR INC. Address of Applicant:100 N.E. Adams Street Peoria IL 61629 9510 U.S.A. (72)Name of Inventor: 1)MEYER Robert Lee 2)DIEKEVERS Mark Steven 3)KAUFMANN Gregory Jerome 4)ULRICH William Jay
· · ·	:NA :NA	,
(62) Divisional to Application Number Filing Date	:NA :NA	

(21) Application No.10779/DELNP/2013 A

(57) Abstract:

A mobile machine track shoe (24) includes a ground engaging surface (26) including a first grouser bar (32) and a second grouser bar (33) substantially parallel to the first grouser bar (32). The track shoe (24) further includes a base (28) opposite the ground engaging surface (26). The base (28) includes a first relief (40) disposed opposite the first grouser bar (32) and a second relief (42) disposed opposite the second grouser bar (33).

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

(21) Application No.10781/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :13/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention : SYSTEM TO IDENTIFY MULTIPLE COPYRIGHT INFRINGEMENTS AND COLLECTING ROYALTIES

(51) International classification	:G06F21/00,G06F17/00	(71)Name of Applicant :
(31) Priority Document No	:61/491415	1)STEELE Robert
(32) Priority Date	:31/05/2011	Address of Applicant :3100 Donald Douglas Loop North Santa
(33) Name of priority country	:U.S.A.	Monica CA 90405 U.S.A.
(86) International Application No	:PCT/US2012/040234	(72)Name of Inventor:
Filing Date	:31/05/2012	1)STEELE Robert
(87) International Publication No	:WO 2012/166937	
(61) Patent of Addition to Application	:NA	
Number	:NA :NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A system a method and a computer program for determining multiple copyright infringement events identifying a particular I P address port number combination associated with the multiple infringement events and notifying an ISP and/or a customer regarding the multiple copyright infringement events.

No. of Pages: 37 No. of Claims: 21

(21) Application No.10783/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :13/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: METHOD FOR THE PREPARATION AND EXTRACTION OF SQUALENE FROM MICROALGAE

(51) International classification	:C12P5/00,C12P5/02,C12N1/12	
(31) Priority Document No	:201110147052.8	1)ROQUETTE FRERES
(32) Priority Date	:20/05/2011	Address of Applicant :1 rue de la Haute Loge F 62136
(33) Name of priority country	:China	Lestrem France
(86) International Application No	:PCT/EP2012/059230	(72)Name of Inventor:
Filing Date	:18/05/2012	1)PORA Bernard
(87) International Publication No	:WO 2012/159979	2)QIAN Yun
(61) Patent of Addition to	:NA	3)CAULIER Bernard
Application Number		4)COMINI Serge
Filing Date	:NA	5)LOOTEN Philippe
(62) Divisional to Application	.NI A	6)SEGUEILHA Laurent
Number	:NA	
Filing Date	:NA	

(57) Abstract:

The invention relates to a method for the production of squalene from microalgae belonging to the family of Thraustochytriales sp. preferably at concentrations of between 2 and 12 g per 100g of dry biomass. The method is characterised in that it comprises steps consisting in: culturing microalgae belonging to the family of Thraustochytriales sp. at a temperature of between 25 and 35° C preferably between 28 and 32° C and more preferably of the order of 30° C; and adding between 1 and $1000~\mu g$ of vitamin B12 per litre of culture medium to said culture medium.

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

(21) Application No.10785/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application: 13/12/2013 (43) Publication Date: 26/12/2014

(54) Title of the invention: STEERABLE UNITS AS A FRICTIONAL SURFACE BETWEEN OBJECTS

(51) International :F16H15/50,B60K17/04,F16H15/04 classification

(31) Priority Document No :61/487451 (32) Priority Date :18/05/2011

(33) Name of priority country: U.S.A.

(86) International Application :PCT/CA2012/000479

No :18/05/2012

Filing Date

(87) International Publication :WO 2012/155252 No

(61) Patent of Addition to :NA **Application Number** :NA

Filing Date (62) Divisional to Application :NA Number :NA Filing Date

(71)Name of Applicant: 1)WATTS Ronald George

Address of Applicant : Apt. 1 10 West Presland Rd. Ottawa

Ontario K1K2C3 Canada (72)Name of Inventor: 1)WATTS Ronald George

(57) Abstract:

Disclosed are steerable units that enable the variability of the friction force s magnitude and direction by using rolling contacts in which the angle of the rolling contacts with respect to the surface containing the steerable unit can be controlled as an object s frictional surface. This allows an object to adjust the direction and magnitude of the force it transfers through friction and also allows the received frictional force s direction and magnitude to be varied by the receiving object s rolling contacts. Also disclosed are applications of the steerable units in various machines.

No. of Pages: 58 No. of Claims: 42

(21) Application No.10607/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :10/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention : METHOD FOR DETERMINING A VOLUMETRIC FLOW IN A BLOOD TREATMENT APPARATUS COMPUTING DEVICE AND BLOOD TREATMENT APPARATUS

(71)Name of Applicant: (51) International classification :A61M1/34 (31) Priority Document No 1)FRESENIUS MEDICAL CARE DEUTSCHLAND GMBH :10 2011 103 261.8 (32) Priority Date Address of Applicant :Else Kroener Strasse 1 61352 Bad :26/05/2011 (33) Name of priority country Homburg Germany :Germany (86) International Application No :PCT/EP2012/002241 (72)Name of Inventor: Filing Date :25/05/2012 1)GAGEL Alfred (87) International Publication No :WO 2012/159767 (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract:

The invention relates to a method for determining at least a first volumetric flow (Q) in a blood treatment apparatus (1000) which has: a primary circuit (100) for conveying the blood that is to be treated; a secondary circuit (200) for conveying a fluid that is used for the blood treatment; a blood treatment module (300) as a section of the primary circuit (100) and/or secondary circuit (200) which module is provided for the exchange of fluids and/or substances between the primary circuit (100) and secondary circuit (200); and an optionally provided fluid connection (5) between the primary circuit (100) and the secondary circuit (200) provided for introducing the first volumetric flow (Q) from the secondary circuit (200) into the primary circuit (100); wherein the method comprises determining the first volumetric flow (Q) of the secondary circuit (200) by taking into consideration a first pressure value or pressure measurement value (S) and a second pressure value or pressure measurement value (S) in the secondary circuit (200). The invention further relates to a computing device and to a blood treatment apparatus.

No. of Pages: 49 No. of Claims: 32

(21) Application No.10608/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application: 10/12/2013 (43) Publication Date: 26/12/2014

(54) Title of the invention: SEASONING AND SUSPENSION DEVICE PACKAGE

(51) International :B65D71/50,B65D75/56,B65D81/32 classification

(31) Priority Document No :11169617.5

(32) Priority Date :10/06/2011 (33) Name of priority country:EPO

(86) International

:PCT/EP2012/059082 Application No

:16/05/2012 Filing Date

(87) International Publication :WO 2012/168045 No

(61) Patent of Addition to

:NA **Application Number** :NA Filing Date

(62) Divisional to :NA **Application Number** :NA Filing Date

(71)Name of Applicant:

1)NESTEC S.A.

Address of Applicant : Av. Nestl 55 CH 1800 Vevey

Switzerland

(72)Name of Inventor: 1)STOKOE Ian 2)LUKE Patrick

3)MCLEOD Chastity Prince 4)GIBSON Paul Michael

(57) Abstract:

The present invention relates to a package (98) comprising a suspension device (102) for holding a foodwhile cookingand a seasoning for improving the organoleptic properties of the food.

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

(21) Application No.10609/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application: 10/12/2013 (43) Publication Date: 26/12/2014

(54) Title of the invention: BOUILLON TABLET PROCESS

(51) International classification :A23L1/00,A23L1/22,A23L1/40 (71)Name of Applicant :

(31) Priority Document No :11170231.2 (32) Priority Date :16/06/2011

(33) Name of priority country :EPO

(86) International Application No: PCT/EP2012/060193

Filing Date :30/05/2012 (87) International Publication No: WO 2012/171801

(61) Patent of Addition to :NA **Application Number**

:NA Filing Date

(62) Divisional to Application :NA Number :NA

Filing Date

1)NESTEC S.A.

Address of Applicant : Av. Nestl 55 CH 1800 Vevey

Switzerland

(72)Name of Inventor:

1)SCHROEDER Caroline

2)KRAUCH Jos Guillermo

(57) Abstract:

A process for preparing a bouillon tablet having two or more layers comprising the steps (a) forming a first layer of the tablet comprising a mixture of two or more of salt taste enhancer sugar and fat (or oil) (b) forming a second layer of the tablet by adding to the first layer a mixture comprising one or more of herbs garnishes vegetable pieces and spices; and (a) compressing the two layers to form the tablet where the tablet is formed using a rotary double punch press.

No. of Pages: 13 No. of Claims: 12

(21) Application No.10808/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :16/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: SHEET PASTING METHOD AND SHEET PASTING TOOL

(51) International classification :B65B33/00,B60B7/06 (71)Name of Applicant : (31) Priority Document No :2011173997 1)LINTEC Corporation Address of Applicant :23 23 Honcho Itabashi ku Tokyo (32) Priority Date :09/08/2011 (33) Name of priority country 1730001 Japan :Japan (86) International Application No :PCT/JP2012/068912 (72)Name of Inventor: Filing Date :26/07/2012 1)NAKAMURA Masahiro (87) International Publication No :WO 2013/021825 (61) Patent of Addition to Application :NA :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract:

A sheet pasting method whereby a protective sheet (2) having a base material (23) and an adhesive layer (22) and formed in substantially the same shape as an adherend surface is pasted to the adherend surface of an adherend. Said method comprises: a step in which the protective sheet (2) is pasted to a first surface (17) of a sheet pasting tool (1) capable of bending at the axis of symmetry position for the protective sheet (2) and the pasting tool (1) is bent together with the protective sheet (2) placing on the inside thereof a second surface (18) that is on the opposite side to the first surface (17); a step in which the protective sheet (2) is peeled off up to the bending section of the pasting tool (1) while the pasting tool (1) is bent and part of the adhesive layer (22) is exposed; a step in which the pasting tool (1) is moved along the adherend surface the remaining section of the adhesive layer (22) is exposed and pressed on to the adherend surface and the remaining section of the protective sheet (2) is pasted;

No. of Pages: 56 No. of Claims: 10

(21) Application No.10594/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :10/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: A DEVICE FOR HOLDING A TURBINE ENGINE BLADE FOR THE PURPOSES OF MACHINING

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:1155464 :21/06/2011 :France :PCT/FR2012/051286 :07/06/2012 :WO 2012/175840 :NA :NA	(71)Name of Applicant: 1)SNECMA Address of Applicant: 2 boulevard du Gnral Martial Valin F 75015 Paris France (72)Name of Inventor: 1)MARQUOIN Thomas 2)DUPOUY Olivier
<u>c</u>	:NA :NA	

(57) Abstract:

The invention relates to a device for holding a turbomachine blade for the purposes of machining comprising a holder (1) comprising at least one housing (5) in which at least one unit formed of two jaws (22 23) having an opening into which to fit a blade aerofoil is removably mounted. The unit comprises six support points for the aerofoil. The device comprises a moving pressing finger (43) intended to press against a pressure face or suction face surface of the blade which finger is moved by actuating means (12 17) so that when the blade is in the clamped position the pressing finger (43) presses the aerofoil firmly against the support points of the unit which is itself pressed firmly against the holder (1).

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

:NA

:NA

(19) INDIA

(22) Date of filing of Application :16/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: ESTERS FOR TREATMENT OF OCULAR INFLAMMATORY CONDITIONS

(51) International (71)Name of Applicant: :A61K9/00,A61K31/16,A61K31/201 classification 1)JOHNSON & JOHNSON VISION CARE INC. (31) Priority Document No Address of Applicant: 7500 Centurion Parkway Jacksonville :61/503158 (32) Priority Date :30/06/2011 FL 32256 U.S.A. (72)Name of Inventor: (33) Name of priority :U.S.A. 1)GALLOIS BERNOS Annabelle country (86) International 2)MOLOCK JR. Frank F. :PCT/US2012/043078 Application No 3)DAVIS Carrie L. :19/06/2012 Filing Date 4)LORENZ Kathy Osborn (87) International 5)YOUNG James K. :WO 2013/003113 Publication No 6)CANAVAN Kristy L. (61) Patent of Addition to 7)LU Fang :NA **Application Number** :NA Filing Date

(57) Abstract:

(62) Divisional to

Application Number

Filing Date

The present invention relates to ophthalmic compositions and methods for the treatment of dry eye and other inflammatory ocular conditions. In particular the present invention relates to a composition comprising an esterified anti inflammatory lipid mediator which is an ester of an anti inflammatory lipid mediator that is a reaction product of the anti inflammatory lipid mediator and a monohydric alcohol or an amide wherein the majority of the anti inflammatory lipid mediator is present in an ester form. In this way the compositions are substantially free of an acid form of the anti¬ inflammatory lipid mediators. Anti inflammatory lipid mediators can be selected from the group consisting of polyunsaturated fatty acids (e.g. omega three and omega six fatty acids) resolvins or a metabolically stable analog protectins or a metabolically stable analog lipoxins or a metabolically stable analog retinoic acids endocannabinoids metabolites thereof and mixtures thereof. This composition can be topically delivered to the ocular surface via a preparation solution gel ointment and/or strip and/or a contact lens.

No. of Pages: 45 No. of Claims: 40

(19) INDIA

(22) Date of filing of Application:16/12/2013 (43) Publication Date: 26/12/2014

(54) Title of the invention: SURFACE TREATED METAL AND METHOD FOR PRODUCING SAME

(51) International classification: C23C26/00,B01J35/02,B01J35/10 (71)Name of Applicant:

(31) Priority Document No :2011135378 (32) Priority Date :17/06/2011

(33) Name of priority country :Japan

(86) International Application :PCT/JP2012/065546

No

:18/06/2012 Filing Date

(87) International Publication

(61) Patent of Addition to **Application Number** Filing Date

(62) Divisional to Application :NA Number :NA Filing Date

:WO 2012/173277

:NA :NA

1)NIPPON STEEL & SUMITOMO METAL

CORPORATION

Address of Applicant: 6 1 Marunouchi 2 chome Chiyoda ku

Tokyo 1008071 Japan

2)NIPPON STEEL & SUMIKIN COATED SHEET

CORPORATION

(72)Name of Inventor:

1)KANAI Takao

2)KUBO Yuji 3)KIMATA Yoshio

4)KANAI Hiroshi

5)HAMAMURA Tomonari 6)NOMURA Hiromasa

(57) Abstract:

This surface treated metal comprises a metal and a coating material that is formed on the surface of the metal. The outermost layer of the coating material is a photocatalyst coating film that contains particles having photocatalytic activity and an inorganic organic composite resin. The volume ratio of the particles having photocatalytic activity relative to the photocatalyst coating film is within the range of 0.5 50 vol%. The inorganic organic composite resin contains a siloxane bond and at least one group that is selected from among an aryl group a carboxyl group an amino group a hydroxyl group and an alkyl group having 1 12 carbon atoms. The coating material has a recessed portion in the outermost surface side surface. The area of the outermost layer is 50 98% of the area of the surface of the metal when the coating material is viewed in plan and the surface area of the outermost layer is 101 5 000% of the area of the surface of the metal.

No. of Pages: 109 No. of Claims: 25

(22) Date of filing of Application:16/12/2013 (43) Publication Date: 26/12/2014

(54) Title of the invention: COMPOSITE STEEL SHEET PILE UNDERGROUND CONTINUOUS WALL AND DECOMPOSITION METHOD OF COMPOSITE STEEL SHEET PILE

:E02D5/02,E02D5/04 | (71)Name of Applicant : (51) International classification (31) Priority Document No :2011155708 (32) Priority Date :14/07/2011 (33) Name of priority country :Japan (86) International Application No :PCT/JP2012/067935 Filing Date :13/07/2012 (87) International Publication No :WO 2013/008915 (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

1)NIPPON STEEL & SUMITOMO METAL CORPORATION

(21) Application No.10799/DELNP/2013 A

Address of Applicant: 6 1 Marunouchi 2 chome Chiyoda ku

Tokyo 1008071 Japan (72)Name of Inventor: 1)NAGATSU Ryosuke 2)TERASAKI Shigeki

3)TESHIMA Kei 4)AKAHOSHI Tetsuya

(57) Abstract:

(19) INDIA

In this decomposition method of a composite steel sheet pile comprising a steel sheet pile and steel H beam which are bonded those welds that are formed by fillet welding are cut so as to leave a portion closer to the steel sheet pile than the throat when seen in a cross section perpendicular to the longitudinal direction. Thereby the composite steel sheet pile is decomposed into the steel sheet pile and the steel H beam.

No. of Pages: 76 No. of Claims: 10

(19) INDIA

(22) Date of filing of Application :10/12/2013 (43) Publication Date : 26/12/2014

(21) Application No.10588/DELNP/2013 A

(54) Title of the invention: HINGE FOR A FIRE DOOR

(51) International classification	:E05D7/00	(71)Name of Applicant :
(31) Priority Document No	:1020110043910	1)PARK Gap Hwan
(32) Priority Date	:11/05/2011	Address of Applicant :406 2001 Koaroo Apt. 1611 2 Jinyeong
(33) Name of priority country	:Republic of Korea	ri Jinyeong eup Gimhae si Gyeongsangnam do 621 807 Republic
(86) International Application No	:PCT/KR2012/003652	of Korea
Filing Date	:10/05/2012	(72)Name of Inventor:
(87) International Publication No	:WO 2012/153985	1)PARK Gap Hwan
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.11/1	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention relates to a hinge for a fire door and more particularly to a hinge for a fire door in which a water supply path is formed for supplying water from a fire door frame to the interior of the fire door upon the outbreak of a fire. The hinge for a fire door according to the present invention has the water supply path formed from the doorframe to the door for supplying water contained in the interior of the doorframe to the interior of the door. In addition an object is to provide a hinge for a fire door which comprises a hinge portion a door connection portion and a doorframe connection portion. The hinge unit has a water tank formed therein and one side thereof is rotatable relative to the other side thereof. One side of the door connection portion is coupled to the door and the other side thereof is coupled to said one side of the hinge portion wherein the door connection portion has a first water path extending from the door to the water tank. One side of the doorframe connection portion is coupled to the doorframe and the other side thereof is coupled to the other side of the hinge portion wherein the doorframe connection portion has a second water path extending from the doorframe to the water tank. According to the present invention provided is a hinge in which a water supply path is formed from a doorframe to a door so as to supply water contained in the interior of the doorframe to the interior of the door making it possible to supply water from the doorframe to the door. Thus water can be continuously supplied to the interior of the door as well as to the doorframe thereby not only blocking flames and heat but also extinguishing the flames.

No. of Pages: 9 No. of Claims: 3

(21) Application No.10801/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :16/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention : SYSTEM FOR CLOSING A DEVICE FOR THE LOW PRESSURE DISPENSING OF A PASTY LIQUID 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 	:25/05/2012 :WO 2013/001193 :NA :NA :NA	(71)Name of Applicant: 1)PROMENS SA Address of Applicant: Rue de Grange Morin ZI Nord F 69656 Arnas France (72)Name of Inventor: 1)DOULIN Gwna«l 2)HENNEMANN Pascal 3)RUSCONI Dominique
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The invention relates to a device (1) for dispensing a pasty liquid material (2) by means of a low pressure manual metering pump (5) which is provided with an system for closing an end (32) and which is intended for a rigid or flexible container (4) the operation of said pump being ensured by: a lower check valve (11) and a metering chamber (10) which consists of a resiliently deformable bellows (9) and which is in communication with an upper valve (14) consisting of in series: a stopper (16) for the channel (13) of the spout (8) which ensures that the end (32) is closed; a resiliently deformable diaphragm (15) enabling the stopper (16) to be opened; an auxiliary return member (17) suitable for the low pressures causing the closing of the stopper (16); and a sealed vessel (18) characterized in that the resiliently deformable diaphragm (15) is combined with the vessel (18) that said diaphragm seals wherein the auxiliary return member (17) is arranged inside said vessel so as to be permanently linked to the diaphragm (15) and said vessel includes two levels (19 20) that are resiliently deformable according to various characteristics.

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

(19) INDIA

(22) Date of filing of Application :16/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: COMMUNICATIONS TERMINAL AND METHOD

(51) International classification :H04W4/14,H04W4/00 (71)Name of Applicant : (31) Priority Document No :1113145.5 1)SCA IPLA HOLDINGS INC. Address of Applicant :550 Madison Avenue New York 10022 (32) Priority Date :29/07/2011 (33) Name of priority country :U.K. (86) International Application No :PCT/GB2012/051766 (72)Name of Inventor: Filing Date :23/07/2012 1)BARRETT John Stephen (87) International Publication No :WO 2013/017840 (61) Patent of Addition to Application :NA :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract:

A communications terminal communicates data packets to or from a mobile communications network via a radio access interface. The mobile communications network comprises a radio network part including a plurality of base stations for communicating data packets to or from the mobile communications terminals via the radio access interface and a core network part which is configured to communicate the data packets to destination addresses from the radio network part or to communicate the data packets to the radio network part from source addresses. The mobile communications network being configured to establish one or more communications bearers for communicating the data packets to or from the communications terminal via the radio network part and the core network part each of the one or more communications bearers being established using context information associated with one or more connections from the communications terminal to the destination addresses or to the communications terminal from source addresses. The communications terminal is configured when in an idle state to communicate a short message data packet to the base station of the radio network part as a signalling message using predetermined parameters for configuring a transmitter of the mobile communications terminal which correspond with parameters with which a receiver in the base station is configured to receive the short message data packet the short message data packet including an indication of context information for use by the mobile communications network for communicating the short message data packet to a mobility manager of the mobile communications network. A short message data packet can therefore be communicated in a context less or quasi context less manner without a communications bearer being established thereby reducing an amount of signalling overhead required which can be an efficient way of communicating relatively small amounts of data.

No. of Pages: 69 No. of Claims: 12

(19) INDIA

(22) Date of filing of Application :10/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: LOW INDUCTANCE LASER DIODE BAR MOUNT

 (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:H01S5/02 :61/484297 :10/05/2011 :U.S.A. :PCT/CA2012/050298 :07/05/2012 :WO 2012/151694 :NA :NA :NA	(71)Name of Applicant: 1)OBZERV TECHNOLOGIES INC. Address of Applicant: Bureau 201 400 boul. Jean Lesage Qubec Qubec G1K 8W1 Canada (72)Name of Inventor: 1)DEMERS Louis 2)GODIN Jacques 3)GRENIER Martin
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(21) Application No.10621/DELNP/2013 A

(57) Abstract:

The laser mount arrangement can have a laser bar and a driver positioned adjacent to one another and secured against a connection face of a heat sink base. The heat sink base is connected to and forms a first electrical connection between the laser bar and the driver. A second electrical connection is also provided between the laser bar and the driver opposite the heat sink base which can be in the form of a flexible metal sheet with a narrow upward fold. This arrangement can provide a low inductance path for the current.

No. of Pages: 30 No. of Claims: 19

(21) Application No.10622/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :10/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: FILM FORMING COMPOSITION AND USE THEREOF FOR TREATING HERPES

(51) International (71)Name of Applicant: :A61K47/10,A61K47/12,A61K47/38 classification 1)LABORATOIRES URGO (31) Priority Document No :11 55493 Address of Applicant :42 Rue de Longvic F 21300 Chenove (32) Priority Date :22/06/2011 (33) Name of priority (72)Name of Inventor: :France country 1)DERAIN Nathalie (86) International :PCT/FR2012/051417 Application No :21/06/2012 Filing Date (87) International :WO 2012/175879 Publication No (61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to :NA **Application Number** :NA Filing Date

(57) Abstract:

The present invention relates to a topical film forming composition including in a pharmaceutically acceptable medium: 5 to 30 wt % of ethyl cellulose; 0.1 to 10 wt % of an auxiliary film forming agent; 0.1 to 20 wt % of one or more triacids at least one of which is boric acid; and 60 to 95 wt % of an organic solvent the percentages being expressed by weight relative to the total weight of the composition. The invention also relates to the use of such a composition in a method for treating herpes in particular herpes labialis.

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

(21) Application No.10623/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :10/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: TUBULAR CONNECTION AND ASSOCIATED THREAD FORM

(51) International classification	·F21B17/042 F16L15/00	(71)Name of Applicant :
(31) Priority Document No	:13/114757	1)ULTRA PREMIUM OILFIELD SERVICES LTD.
(32) Priority Date	:24/05/2011	Address of Applicant :3333 Brazos Street Odessa TX 79764
(33) Name of priority country	:U.S.A.	U.S.A.
(86) International Application No	:PCT/US2012/038768	(72)Name of Inventor:
Filing Date	:21/05/2012	1)BANKER Edward O.
(87) International Publication No	:WO 2012/162214	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.TVA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A tubular connection is formed by a box member and a pin member each of which has a tapered constant pitch thread. A profiled defined by the thread of at least one of the pin member and the box member results in a pitch line (44) that is a stepped pitch line. The stepped pitch line configuration may produce a wide radial band of substantive contact between the stab flanks of the pin member and box member upon full make up of the connection.

No. of Pages: 29 No. of Claims: 32

(19) INDIA

(22) Date of filing of Application :10/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: PAYING NON SETTLEMENT TRANSACTIONS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:G06Q40/00 :13/168834 :24/06/2011 :U.S.A. :PCT/US2012/043590 :21/06/2012 :WO 2012/177910 :NA :NA	(71)Name of Applicant: 1)AMAZON TECHNOLOGIES INC. Address of Applicant: Po Box 8102 Reno NV 89507 U.S.A. (72)Name of Inventor: 1)JAIN Rohit 2)BOWMAN Mary Katherine 3)ZUMWALT Kurt Harold 4)HUNT Richard D.
(62) Divisional to Application Number Filing Date	:NA :NA	

(21) Application No.10624/DELNP/2013 A

(57) Abstract:

Payment of non settlement currencies includes developing a non settlement currency exchange separate from a financial institution unwilling to assume risks in converting non settlement currencies. The non settlement currency exchange includes a predictive model to provide an estimated currency exchange rate. Schemes are provided where a merchant may share currency exchange profit and/or currency exchange losses with a financial institution. The exchange rate may be persisted in subsequent related financial transactions such as a refund a chargeback and/or a representment.

No. of Pages: 38 No. of Claims: 13

(21) Application No.10625/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application: 10/12/2013 (43) Publication Date: 26/12/2014

(54) Title of the invention: METHOD AND SYSTEM FOR BROADCASTING THE LOCATION OF A DEVICE

(51) International :H04L29/08,H04W4/02,H04W4/20 classification

(31) Priority Document No :13/173508 (32) Priority Date :30/06/2011

(33) Name of priority country: U.S.A.

(86) International Application :PCT/US2012/039551

No :25/05/2012 Filing Date

(87) International Publication :WO 2013/002927

No

(61) Patent of Addition to :NA **Application Number** :NA

Filing Date (62) Divisional to Application :NA Number :NA Filing Date

(71)Name of Applicant: 1)ALCATEL LUCENT

Address of Applicant: 3 avenue Octave Grard F 75007 Paris

(72)Name of Inventor: 1)BURNS Michael 2)KOTVAL Xerxes 3)SCHOTT Peter

(57) Abstract:

The method includes sending geolocation data of the device to a server receiving by the device from the server a list of venues whose boundaries contain the geolocation data selecting on the device a plurality of venues selected from the list and sending the plurality of venues to a communication platform for broadcasting thereon. Sending venues to the communication platform may be associated with a privacy setting for each venue thereby permitting a different venue to be seen by a chosen subset of users.

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

(12) PATENT APPLICATION PUBLICATION

(22) Date of filing of Application :16/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: MICROGRID CONTROL SYSTEM

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:H02J3/46,H02J3/00 :NA :NA :NA :PCT/JP2011/003461 :17/06/2011	2)ATSUMI Juichiro
 (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:WO 2012/172616 :NA :NA :NA :NA	3)SEKOGUCHI Masahiro 4)KAMINAGA Masanori 5)AIKAWA Kosho 6)MAGOROKU Hisayuki 7)NAKAMURA Tomoharu 8)NAGAYAMA Yuichi 9)HIRASAWA Shigeki

(21) Application No.10820/DELNP/2013 A

(57) Abstract:

(19) INDIA

The present invention relates to a system for controlling microgrid facilities. In particular the microgrid control system provided is capable of controlling multiple facilities according to characteristics of the facilities in order to achieve economic efficiency environmental friendliness and continued operability. The microgrid control system for controlling the operations of the multiple power facilities is provided with: a power supply activation/suspension planning unit that has a prediction unit for predicting outputs or loads of power supply facilities or load facilities and a prediction unit for predicting prediction errors contained therein; and an economical load allocation unit that determines command values related to the distribution of loads to be borne by currently running power supply facilities.

No. of Pages: 38 No. of Claims: 11

:NA

:NA

(21) Application No.10631/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :10/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: FERROMAGNETIC METAL RIBBON TRANSFER APPARATUS AND METHOD

(51) International (71)Name of Applicant: :B65H75/28,B65H19/00,B65H19/28 1)HYDRO QU‰BEC classification Address of Applicant :75 boul. Ren Lvesque Ouest 22e tage (31) Priority Document No Montral Qubec H2Z 1A4 Canada (32) Priority Date :NA (72)Name of Inventor: (33) Name of priority country:NA 1)FRANCOEUR Bruno (86) International :PCT/CA2011/000587 Application No 2)COUTURE Pierre :18/05/2011 Filing Date (87) International Publication :WO 2012/155232 No (61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to

(57) Abstract:

Application Number

Filing Date

Apparatus system and methods for transferring of a ferromagnetic metal ribbon from a roll mounted on a mandrel to another mandrel including a mandrel located around electrical coils of a transformer. The system includes an apparatus for securing a free end of a ribbon roll including a reel onto which the ribbon roll is mounted and a ribbon retention mechanism having retaining elements movable between a retaining position in which the free end of the ribbon roll is secured on the reel and a releasing position in which the free end of the ribbon roll is free from the reel. An apparatus and method for rolling up a cuttable ferromagnetic ribbon on a mandrel are also disclosed. An apparatus and method for manipulating and displacing ferromagnetic material along a path are also disclosed.

No. of Pages: 70 No. of Claims: 27

(22) Date of filing of Application: 10/12/2013

(43) Publication Date: 26/12/2014

(21) Application No.10632/DELNP/2013 A

(19) INDIA

(54) Title of the invention: METHOD FOR PROCESSING AN AUDIO SIGNAL FOR IMPROVED RESTITUTION

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:PCT/FR2012/051345 :15/06/2012 :WO 2012/172264 :NA :NA	(71)Name of Applicant: 1)HAURAIS Jean Luc Address of Applicant: 43 rue de Ponthieu F 75008 Paris France 2)ROSSET Franck (72)Name of Inventor: 1)HAURAIS Jean Luc 2)ROSSET Franck
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The present invention relates to a method for processing an original audio signal of N.x channels N being greater than 1 and x being greater than or equal to 0 comprising a step of multichannel processing of said audio input signal by a multichannel convolution with a predefined imprint said imprint being formulated by the capture of a reference sound by a set of enclosures disposed in a reference space characterized in that it comprises an additional step of selecting at least one imprint from among a plurality of imprints previously formulated in different sound contexts.

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

(21) Application No.10830/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :16/12/2013 (43) Publication Date: 26/12/2014

(54) Title of the invention: TWO LAYER PRINTED CIRCUIT BOARD PRINTING METHOD THEREOF AND MOBILE COMMUNICATION TERMINAL

(51) International classification: H05K1/00, H05K3/46, H04W88/02 (71) Name of Applicant:

:WO 2013/007083

(31) Priority Document No :201110190890.3 (32) Priority Date :08/07/2011

(33) Name of priority country :China

(86) International Application :PCT/CN2011/083665

:08/12/2011

Filing Date

(87) International Publication No

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to Application :NA Number :NA

Filing Date

1)ZTE CORPORATION

Address of Applicant :ZTE Plaza Keji Road South Hi Tech Industrial Park Nanshan Shenzhen Guangdong 518057 China

(72)Name of Inventor:

1)LIU Yupeng

(57) Abstract:

A two layer printed circuit board a printing method thereof and a mobile communication terminal overcome the disadvantage of the high cost of a six layer printed circuit board or a four layer printed circuit board used by the existing low end mobile communication terminal. The two layer printed circuit board is based on the MT6251 platform. The diameter of a bonding pad is 0.27 millimeters. The line width of a wiring between two bonding pads is 0.075 millimeters. A minimum interval between the wiring and the bonding pad is 0.075 millimeters. A wire from a bonding pad in an inner row is threaded through a place between bonding pads in an outer row. The back of a main ground bonding pad of a main chip is a whole ground plane. A ground hole is opened after a C7 pin and a C8 pin are led outward. When the two layer printed circuit board of the embodiment of the present invention is applied to the mobile communication terminal compared with a mobile communication terminal using a four layer printed circuit board or a six layer printed circuit board the cost is obviously reduced in the premise of no loss of functions and the competitive advantage of the product is improved.

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

(21) Application No.10831/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application:16/12/2013 (43) Publication Date: 26/12/2014

(54) Title of the invention: CAMERA STABILIZATION PLATFORM SYSTEM

(51) International :G03B17/56,G01C21/18,F16M13/04 classification (31) Priority Document No :1109350.7 (32) Priority Date :03/06/2011 (33) Name of priority :U.K. country (86) International :PCT/GB2012/051238 Application No

:01/06/2012 Filing Date (87) International Publication: WO 2012/164296

(61) Patent of Addition to :NA **Application Number**

:NA Filing Date (62) Divisional to :NA Application Number :NA Filing Date

(71)Name of Applicant: 1)SMITH Howard

Address of Applicant :215 Marsland Road Sale Cheshire M33

3NR U.K.

(72)Name of Inventor: 1)SMITH Howard

(57) Abstract:

There is provided a camera stabilization platform system comprising a body a rotation sensor system in a fixed orientation relative to the body a motor system and a rotatable member system (1 2) operable to be rotated by the motor system relative to the body the rotation sensor system operable to measure a rotation angle and a rotation direction wherein the motor system is configure to rotate the rotatable member system by the sensed rotation angle in a rotation direction opposite to the sensed rotation direction.

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

(21) Application No.10658/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application:11/12/2013

(43) Publication Date: 26/12/2014

(54) Title of the invention: GRAPHITIZATION FURNACE AND METHOD FOR PRODUCING GRAPHITE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:C01B31/04 :2011121226 :31/05/2011 :Japan :PCT/JP2012/063734 :29/05/2012 :WO 2012/165421 :NA :NA	(71)Name of Applicant: 1)IHI Corporation Address of Applicant:1 1 Toyosu 3 chome Koto ku Tokyo 1358710 Japan 2)IHI Machinery and Furnace Co. Ltd. (72)Name of Inventor: 1)MORI Kazumi 2)MATSUDA Yoshiyasu
· · ·		2):-111280211 1001 11 , 4 00
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A graphitization furnace (100) of the present invention comprises: a conductive divided electrode (122) provided so as to be freely movable; a conductive crucible (120) in which carbon powder is housed while a lower end portion (122a) of the divided electrode (122) is being buried in the carbon powder; an upper electrode bar (190) disposed so as to face the divided electrode (122); a lower electrode bar (192) disposed so as to face the crucible (120); and a power supply unit (132) for applying a voltage between the upper electrode bar (190) and the lower electrode bar (192) while a lower end portion (190a) of the upper electrode bar (190) is touching an upper end portion (122b) of the divided electrode (122) and an upper end portion (192a) of the lower electrode bar (192) is touching a bottom portion (120b) of the crucible (120).

No. of Pages: 47 No. of Claims: 9

(19) INDIA

(22) Date of filing of Application:11/12/2013 (43) Publication Date: 26/12/2014

(54) Title of the invention: METHOD FOR THE ISOLATION OF OLEFIN OLIGOMERIZATION PRODUCTS AND THE DECOMPOSITION OF OLIGOMERIZATION CATALYST RESIDUES

(51) International classification: C07C2/32,C07C7/17,C07C7/148 (71)Name of Applicant:

(31) Priority Document No :2011125946 (32) Priority Date :22/06/2011 (33) Name of priority country :Russia

(86) International Application :PCT/RU2012/000484

:21/06/2012 Filing Date

(87) International Publication :WO 2012/177183

No

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to Application :NA Number :NA Filing Date

1)OPEN JOINT STOCK COMPANY SIBUR Holding Address of Applicant :ul. Galernaya 5 Liter A 190000

St.Petersburg Russia

(72)Name of Inventor:

1)ZILBERSHTEIN Timur Mikhailovich 2)LIPSKIKH Maxim Vladimirovich 3)KARDASH Vladislav Alexandrovich 4)SUVOROVA Vladlena Vladimirovna

(57) Abstract:

The invention relates to the field of producing olefin oligomers which are widely used as copolymers raw materials for oils and lubricants and raw materials for the production of other chemical compounds. The invention relates to the production of olefin oligomers by means of olefin oligomerization and in particular to a method for the isolation of olefin oligomerization products and the decomposition of oligomerization catalyst residues. The method for isolating reaction products of the oligomerization of olefins having a terminal double bond which is carried out over a catalyst comprising chrome compounds nitrogen containing ligands and organoaluminum compounds and includes a phase in which individual olefin products are isolated and a phase in which catalyst resides are processed is characterized by the following three consecutive operations: a) at least one liquid product of an olefin oligomerization reaction is isolated from the flow exiting the oligomerization reactor; b) the residue is processed using an aqueous acidic solution; c) an organic layer and an aqueous layer are separated. Use of the proposed method makes it possible first of all to isolate specific reaction products thus preventing the introduction of foreign substances such as alcohols into the products and/or the return solvent and eliminates the need for the separation of these contaminants. Secondly use of the proposed method makes it possible to prevent the contamination of lines and devices between the reactor and the distillation column by the by product polymer. Thirdly the method makes it possible to separate catalyst residues from the by product polymer which facilitates catalyst regeneration or the isolation of metal compounds from the catalyst residues while at the same time avoiding resin sedimentation during the distillation of high boiling point reaction products.

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

(19) INDIA

(22) Date of filing of Application :17/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: FITTING SYSTEM FOR A VEHICLE 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
:B60N2/235
:10 2011 106 284.3
:01/07/2011
:Germany
:PCT/EP2012/06091
:08/06/2012
:WO 2013/004450

(61) Patent of Addition to Application
Number
Filing Date
(62) Divisional to Application Number
Filing Date
Signal Tublication IVO
Signal Sign

(71)Name of Applicant:

1)KEIPER GMBH & CO. KG

(21) Application No.10880/DELNP/2013 A

Address of Applicant :Hertelsbrunnenring 2 67657

:Germany
:PCT/EP2012/060912 Kaiserslautern Germany
(72)Name of Inventor:
1)CHRISTOFFEL Thomas

2)HAMMANN Heinrich 3)KRISCH Christina

(57) Abstract:

The invention relates to a fitting system for a vehicle seat having at least one fitting (10) by means of which a backrest (4) can be pivoted in a freely pivoting process relative to a seat part (3) and having a memory device (50) which has a flag disk (51) rotatably mounted around an axis (A) which is coupled to the backrest (4) during the freely pivoting process and to the seat part (3) in the starting position and on which a first toothing (61) is designed curved around the axis (A) wherein a second toothing (62) is allocated to the backrest (4) wherein the first toothing (61) and the second toothing (62) are engaged with each other during the freely pivoting process wherein a control lever (53) which can be controlled relative to the seat part (3) and a coupler (54) which is hinged on the control lever (53) and which is coupled to an unlocking lever (56) for the fitting (10) are provided wherein the control lever (53) and/or the coupler (54) move the first toothing (61) and the second toothing (62) into engagement with each other wherein the flag disk (51) is coupled to the seat part (3) in the starting position by means of a lock receptacle (58) and a control element (59) which is movable relative to the lock receptacle (58) and the lock receptacle (58) is a section of a control contour (57) by means of which the control element (59) arranged on the control lever (53) holds the control lever (53) directed out during the freely pivoting process.

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

(21) Application No.10635/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :10/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: FAMILY OF ARYL HETEROARYL O ARYL AND O HETEROARYL CARBASUGARS

(51) International classification :C07C43/225,C07C43/23,C07C43/247

(31) Priority Document No :11305645.1 (32) Priority Date :26/05/2011

(33) Name of priority :EPO

country

(86) International :PCT/EP2012/060050

Application No Filing Date :29/05/2012

(87) International

Publication No :WO 2012/160218

(61) Patent of Addition to
Application Number
Filing Date
(62) Divisional to
Application Number
Filing Date
:NA
:NA
:NA

(71)Name of Applicant:

1)TFCHEM

Address of Applicant :Pharma Parc II Voie de l'Innovation

Batiment C F 27100 Val De Reuil France

(72)Name of Inventor:

1)DELIENCOURT GODEFROY Graldine

2)LOPES Lna⁻g

(57) Abstract:

The present invention relates to a compound of the following formula (I): as well as its process of preparation pharmaceutical and cosmetics composition comprising it and use thereof notably as an inhibitor of the sodium dependent glucose co transporter such as SGLTl SGLT2 and SGLT3 in particular in the treatment or prevention of diabetes and more particularly type II diabetes diabetes related complications such as arthritis of the lower extremities cardiac infarction renal insufficiency neuropathy or blindness hyperglycemia hyperinsulinemia obesity hypertriglyceridemia X syndrome and arteriosclerosis as well as for its use as an anticancer anti infective anti viral anti thrombotic or anti inflammatory drug or for lightening bleaching depignmenting the skin removing blemishes from the skin particularly age spots and freckles or preventing pigmentation of the skin.

No. of Pages: 122 No. of Claims: 20

(21) Application No.10850/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application: 17/12/2013

(43) Publication Date: 26/12/2014

(54) Title of the invention: SHEATH TO MASK ELECTRICAL CONDUCTOR

(31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number :N	51/486983 17/05/2011 U.S.A.	 (71)Name of Applicant: 1)SIEBENBERG Charles M. Address of Applicant: 1001 5th Avenue #4c New York NY 10028 U.S.A. (72)Name of Inventor: 1)SIEBENBERG Charles M.
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(57) Abstract:

A portable, flexible cover connected between a source of signals such as an MP3 player and headphones, the flexible cover comprising a substantially flat and flexible surface encapsulating a conductor yet substantially resting on a surface or on the body of a wearer and have a design to mask the conductor and minimize tangling thereof.

No. of Pages: 25 No. of Claims: 17

(19) INDIA

(22) Date of filing of Application :17/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention : SYSTEM AND METHOD FOR PROVIDING BANKING SERVICES ASSOCIATED WITH MULTIPLE FINANCIAL INSTITUTIONS THROUGH SHARED OUTLETS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:28/06/2011 :WO 2013/001521 :NA :NA	(71)Name of Applicant: 1)SUISA Daniel Address of Applicant: Jl. Walet Permai IV No. 33 Kapuk Muara Penjaringan Jakarta 14470 Indonesia (72)Name of Inventor: 1)SUISA Daniel
Filing Date	:NA	

(21) Application No.10851/DELNP/2013 A

(57) Abstract:

A system and method for providing banking 150 services associated with a plurality of financial institutions Bank-A through a network of shared outlets branded with each participating financial institution, wherein each shared outlet comprising a plurality of shared self service terminals for providing the branded and proprietary services including the unique and specific services of each participating financial institution, wherein each shared self service terminal is adapted or adaptable to provide equal services for each participating financial institution. The invention offers each participating financial institution to expand its branded service delivery outlets to deliver its branded services including the routine and non-routine services at shared cost.

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

(12) PATENT APPLICATION PUBLICATION

(22) Date of filing of Application :17/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: TOOTHBRUSH AND REFILL HEAD FOR THE SAME

(51) International classification :A61C17/22,A61C17/34 (71)Name of Applicant : (31) Priority Document No 1) COLGATE PALMOLIVE COMPANY :61/506959 (32) Priority Date Address of Applicant :300 Park Avenue New York New York :12/07/2011 (33) Name of priority country :U.S.A. 10022 U.S.A. (72)Name of Inventor: (86) International Application No :PCT/US2012/023776 Filing Date :03/02/2012 1)FATTORI Joseph E. (87) International Publication No :WO 2013/009361 (61) Patent of Addition to Application :NA :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(21) Application No.10853/DELNP/2013 A

(57) Abstract:

(19) INDIA

A refill head, and oral care implement incorporating the same, wherein the refill head comprises a tubular sleeve having a cavity for slidably receiving a stem of a handle of the oral care implement. An aperture in the tu bular sleeve defines a latch having a locking lug that operably mates with a locking lug of the stem to axially retain the refill head to the handle. A resili ent material seals the aperture to provide increased rigidity to the latch.

No. of Pages: 25 No. of Claims: 34

(19) INDIA

(22) Date of filing of Application :17/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: TOOTHBRUSH AND REFILL HEAD FOR THE SAME

(51) International classification :A61C17/22,A61C17/34 (71)Name of Applicant : 1) COLGATE PALMOLIVE COMPANY (31) Priority Document No :61/506933 (32) Priority Date :12/07/2011 Address of Applicant :300 Park Avenue New York New York (33) Name of priority country :U.S.A. 10022 U.S.A. (86) International Application No :PCT/US2012/023766 (72)Name of Inventor: Filing Date :03/02/2012 1)FATTORI Joseph E. (87) International Publication No :WO 2013/009358 (61) Patent of Addition to Application :NA :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(21) Application No.10854/DELNP/2013 A

(57) Abstract:

A refill head for an oral care implement, such as a toothbrush, wherein the A, 00 refill head utilizes a specially designed structure for coupling the refill head to an oral care implement handle that ensures proper alignment and simplifies the loading and unloading of the refill head to the oral care implement handle. In one embodiment, the refill head comprises a tubular sleeve forming a cavity and first and second upper cam surfaces that form shoulders within the cavity. The first and second upper cam surfaces are separated by first and second axial slots of different configurations that prevent loading of the refill head onto the oral care implement handle in an improper rotational orientation through interaction with first and second bosses on the oral care implement handle.

No. of Pages: 25 No. of Claims: 22

(19) INDIA

(22) Date of filing of Application :11/12/2013 (43)

(21) Application No.10649/DELNP/2013 A

(43) Publication Date: 26/12/2014

(54) Title of the invention: PICK UP HEAD SYSTEM

(51) International classification	:E01H1/08	(71)Name of Applicant:
(31) Priority Document No	:61/496410	1)VANDERLINDEN Roger
(32) Priority Date	:13/06/2011	Address of Applicant :1100 Burloak Drive Suite 300
(33) Name of priority country	:U.S.A.	Burlington Ontario L7L 6B2 Canada
(86) International Application No	:PCT/CA2012/000576	(72)Name of Inventor:
Filing Date	:13/06/2012	1)VANDERLINDEN Roger
(87) International Publication No	:WO 2012/171099	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.IVA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A pick up head system for use with a surface cleaning vehicle comprises a housing having a substantially hollow interior and a suctioning bottom opening. A debris suctioning inlet in the housing is disposed adjacent the first end of the housing for suctioning debris into the housing. A debris outlet in the housing is open in fluid communication and debris transfer relation to the substantially hollow interior of the housing. Debris is suctioned into the substantially hollow interior of the housing through the debris suctioning inlet and is discharged from the housing through the debris outlet.

No. of Pages: 64 No. of Claims: 79

(21) Application No.10870/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :17/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention : ADAPTIVELY SWITCHING EQUALIZATION OPERATIONS IN A NODE OF A WIRELESS 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 	:H04L25/03 :13/117583 :27/05/2011 :U.S.A. :PCT/IB2012/052622 :24/05/2012 :WO 2012/164460	(71)Name of Applicant: 1)TELEFONAKTIEBOLAGET L M ERICSSON (PUBL) Address of Applicant: 16483 S 16483 Stockholm Sweden (72)Name of Inventor: 1)WANG Yi Pin Eric 2)HUANG Jinliang 3)ANDR‰ Tore Mikael
Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date	:WO 2012/164460 :NA :NA	2)HUANG Jinliang
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

At a node (110) of a wireless network (100), equalisation operations performed on signals received from a transmitter (130) are adaptively switched to be equalised by an iterative turbo receiver (210) or a linear receiver (230) A theoretical expression of a post-equalization SINR of a capacity-achieving receiver is used to estimate the post-equalization SINR performance of the turbo receiver (210). The estimated post-equalization SINR performance is then, used as a basis to determine whether the received signal is to be equalized by the turbo receiver (210) or the linear receiver (230).

No. of Pages: 47 No. of Claims: 20

(22) Date of filing of Application: 17/12/2013 (43) Publication Date: 26/12/2014

(54) Title of the invention: FLUORINATED SOIL RESIST COMPOSITIONS

(51) International :D06M11/79,D06M13/236,D06M13/432 classification

(31) Priority Document :13/183984

(32) Priority Date :15/07/2011

(33) Name of priority :U.S.A.

country

(19) INDIA

(86) International :PCT/US2012/041833

Application No :11/06/2012 Filing Date

(87) International :WO 2013/012490

Publication No (61) Patent of Addition

:NA to Application Number :NA

Filing Date (62) Divisional to :NA **Application Number** :NA Filing Date

(71)Name of Applicant:

1)E. I. DU PONT DE NEMOURS AND COMPANY

Address of Applicant: 1007 Market Street Wilmington

Delaware 19899 U.S.A. (72)Name of Inventor:

1)MATERNIAK Jovce Monson 2)CAREY Edward Patrick

(21) Application No.10871/DELNP/2013 A

(57) Abstract:

A soil resist, oil and water repellent agent comprising a dispersion of a polyfluoro organic compound having at least one of a urea, urethane, or ester linkage, at least one anionic non-fluorinated surfactant, a nonfluorinated vinyl polymer, and amorph - ous silicon dioxide, particularly useful on fibers and yarns containing residual spin finish.

No. of Pages: 30 No. of Claims: 9

(21) Application No.10872/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application: 17/12/2013 (43) Publication Date: 26/12/2014

(54) Title of the invention: SURFACE TREATING COMPOSITION FOR COPPER AND COPPER ALLOY AND UTILIZATION **THEREOF**

(51) International :C23C22/52,C23F11/14,C23F11/16

classification (31) Priority Document No :2011135860

(32) Priority Date :20/06/2011 (33) Name of priority country: Japan

(86) International Application :PCT/JP2012/063829

No :23/05/2012

Filing Date (87) International Publication :WO 2012/176591

(61) Patent of Addition to :NA **Application Number** :NA

Filing Date (62) Divisional to Application :NA Number :NA

Filing Date

(71)Name of Applicant:

1) SHIKOKU CHEMICALS CORPORATION

Address of Applicant: 8 537 1 Doki cho Higashi Marugame

shi Kagawa 7638504 Japan

(72)Name of Inventor:

1)HIRAO Hirohiko

2)YAMAJI Noriaki 3)NAKANISHI Masato

4)MURAI Takayuki

(57) Abstract:

A surface treating composition for copper or a copper alloy comprising an imidazole compound and means for using the composition in the soldering of electronic parts to printed wiring boards are disclosed.

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

(21) Application No.10877/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :17/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: PROCESS FOR THE PRODUCTION OF PAPER AND BOARD

(51) International (71)Name of Applicant: :D21H17/25,D21H17/28,D21H17/37 classification 1)AKZO NOBEL CHEMICALS INTERNATIONAL B.V. (31) Priority Document No Address of Applicant: Stationsstraat 77 NL 3811 MH :11169107.7 (32) Priority Date :08/06/2011 Amersfoort Netherlands (72)Name of Inventor: (33) Name of priority :EPO 1)SIMONSON Patrik country (86) International :PCT/EP2012/060541 Application No :05/06/2012 Filing Date (87) International :WO 2012/168204 Publication No (61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to :NA **Application Number** :NA

(57) Abstract:

Filing Date

The present invention relates to a process for the production of paper and board which comprises: (a) introducing one or more fillers one or more anionic polysaccharides and one or more cationic agents into a mixing zone to form a filler composition; (b) introducing by means of a pump the filler composition into an aqueous suspension comprising cellulosic fibres; and (c) dewatering the obtained suspension. The present invention also relates to a process for the production of a filler composition which comprises: (a) introducing one or more fillers one or more anionic polysaccharides and one or more cationic agents into a mixing zone to form a filler composition; (b) introducing by means of a pump the filler composition into a storage tank.

No. of Pages: 21 No. of Claims: 22

(19) INDIA

(22) Date of filing of Application :17/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: NET KNITTING 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 	:201110170661.5 :23/06/2011 :China :PCT/CN2011/079947 :21/09/2011 :WO 2012/174801 :NA :NA	(71)Name of Applicant: 1)CHEN Chung Ping Address of Applicant: No. 8 Lane 70 Wande Rd. Wanluan Township Pingtung County Taiwan China (72)Name of Inventor: 1)CHEN Chung Ping
(62) Divisional to Application Number Filing Date	:NA :NA	

(21) Application No.10878/DELNP/2013 A

(57) Abstract:

Disclosed is a net knitting metliod. The knitting metliod comprises: leading multiple first thread materials (3a) and second thread materials (3b) through first rotating members (13a, 13b, 13c) and second rotating members (13a, 13b, 13c) respectively, and cyclically and repeatedly performing the foregoing process through a step of rotating the first rotating members and the second rotating members simultaneously for an odd number of half circles and a step of staggering a first base (11) and a second base (11), so as to form an obliquely knitted net. The knitting method can improve the structural strength of the net.

No. of Pages: 40 No. of Claims: 7

(21) Application No.10691/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :12/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention : VARIABLE PITCH NOZZLE FOR A RADIAL FLOW TURBINE IN PARTICULAR FOR A TURBINE OF AN AUXILIARY POWER 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 	:F01D17/16 :1154801 :01/06/2011 :France :PCT/FR2012/051217 :31/05/2012 :WO 2012/164227	(71)Name of Applicant: 1)TURBOMECA Address of Applicant: F 64511 Bordes France (72)Name of Inventor: 1)DEMOLIS Jacques 2)MINEL Laurent 3)VIGNAU Hubert
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA	

(57) Abstract:

The aim of the invention is to modify the reduced flow intake of a radial flow turbine in accordance with the needs of the thermodynamic cycle and to provide a seal in the area of maximum load of the blades of the nozzle. For this purpose the invention proposes that the blades have a specific positioning. According to a preferred embodiment the nozzle of the radial flow turbine of a turbine engine (7) which rotates about a central axis (X X) comprises a first annular grille (G1) having fixed pitch blades (2a) and a second annular grille (G2) having the same number of variable pitch blades (2b). The blades (2a 2b) have pressure (Fi) and suction (Fe) sides. Each variable pitch blade (2b) is secured to cups (24a 24b) and is capable of being rotated by a control means (40) about a geometric axis (R R) connecting the centres (2A 2B) of the cups (24a 24b). Each variable pitch blade (2b) is mounted so as to be spaced apart from the axis (R R) of the cups (24a 24b) such that said axis of rotation (R R) is positioned opposite the suction side (Fe) of the blade (2b) and substantially closer to the trailing edge (Bf) than to the leading edge (Ba) of said blade (2b).

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

(21) Application No.10692/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :12/12/2013 (43) Publication Date: 26/12/2014

(54) Title of the invention: METHOD FOR SCANNING DOCUMENTS AND AUTOMATICALLY CONTROLLING THE FURTHER PROCESSING OF THE DOCUMENTS

(51) International classification :G06K9/00,H04N1/00,H04N1/32 (71)Name of Applicant: (31) Priority Document No :11171030.7

(32) Priority Date :22/06/2011

(33) Name of priority country :EPO

(86) International Application :PCT/EP2012/061952

:21/06/2012 Filing Date

(87) International Publication No:WO 2012/175605

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to Application :NA Number :NA

Filing Date

1)MESCHEDE Thomas

Address of Applicant : Aberlin Jrg Str. 20 70372 Stuttgart

(72)Name of Inventor: 1)MESCHEDE Thomas

(57) Abstract:

In a method for scanning documents (1) in particular printed sheets of paper and automatically controlling the further processing of the scanned documents (1) the following steps are carried out: manually applying at least one marking (8) to a margin area (2) of the document (1) that is not printed on; scanning the document (1); automatically detecting the at least one marking (8) applied to the margin area (2) of the document; and automatically controlling the further processing of the document (1) according to the marking (8) applied in the margin area (2).

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

(21) Application No.10693/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :12/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: TRANSMISSION

:NA

:NA

(51) International classification: F16H3/091,B60K6/36,B60K6/48 (71)Name of Applicant: 1)MITSUBISHI JIDOSHA KOGYO KABUSHIKI KAISHA (31) Priority Document No :2011151891 (32) Priority Date :08/07/2011 Address of Applicant: 33 8 Shiba 5 chome Minato ku Tokyo (33) Name of priority country :Japan 1088410 Japan (72)Name of Inventor: (86) International Application :PCT/JP2012/063746 1)USHIRODA Yuichi :29/05/2012 Filing Date 2)YAMAMURA Takuya (87) International Publication :WO 2013/008545 (61) Patent of Addition to :NA **Application Number** :NA Filing Date

(57) Abstract:

Filing Date

Number

(62) Divisional to Application

A first synchro sleeve (21) is disposed on a second main shaft (5) a first idler gear (12a) is connected to the second main shaft (5) via the first synchro sleeve (21) and a driving force is transmitted to a first secondary shaft (6) or a second secondary shaft (7); or a second synchro sleeve (22) is disposed on the second secondary shaft (7) and a driving force is transmitted to a second idler gear (11b) or a third idler gear (13c); and the driving force that is transmitted and shifted thereto is outputted to a differential gear (110) from a first fixed gear (14a) which is fixed to the second secondary shaft (7).

No. of Pages: 39 No. of Claims: 5

(19) INDIA

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

(21) Application No.10694/DELNP/2013 A

(43) Publication Date: 26/12/2014

(54) Title of the invention: TRANSMISSION

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:29/05/2012 :WO 2013/008544 :NA :NA	(71)Name of Applicant: 1)MITSUBISHI JIDOSHA KOGYO KABUSHIKI KAISHA Address of Applicant: 33 8 Shiba 5 chome Minato ku Tokyo 1088410 Japan (72)Name of Inventor: 1)USHIRODA Yuichi 2)YAMAMURA Takuya
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A reverse gear (13d) is arranged between a fifth fixed gear (13a) with the smallest outer diameter among several gears disposed on a first main shaft (4) and a second main shaft (5) and a sixth idler gear (13b) with the smallest outer diameter among several gears disposed on a first secondary shaft (6) in such a manner as to constantly mesh with several gears. A first synchro sleeve (21) is arranged in such a manner as to overlap with bearings (8a) of a third secondary shaft (8) in the axial direction of the second main shaft (5). A second synchro sleeve (22) a third synchro sleeve (23) and a fourth synchro sleeve (24) are arranged in such a manner as to overlap with the bearings (8b) of the third secondary shaft (8) in the axial direction of the second main shaft (5).

No. of Pages: 31 No. of Claims: 3

(21) Application No.10671/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application:11/12/2013 (43) Publication Date: 26/12/2014

(54) Title of the invention: PLUG CONNECTION HAVING A SECURING BODY AND A PLUG BODY

(51) International :F02M55/00,F16L37/133,F16L37/14 classification

(31) Priority Document No :10 2011 082 224.0 (32) Priority Date :07/09/2011

(33) Name of priority :Germany

country

(86) International :PCT/EP2012/063863

Application No :16/07/2012 Filing Date

(87) International Publication: WO 2013/034343

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to :NA **Application Number** :NA Filing Date

(71)Name of Applicant: 1)ROBERT BOSCH GMBH

Address of Applicant :Postfach 30 02 20 70442 Stuttgart

Germany

(72)Name of Inventor:

1)SCHIEBER STITZ Marion 2)BOTSCHKA Michael

3)HANSEN Olof

(57) Abstract:

The invention relates to a plug connection (1) for media conducting lines having a plug body (3) on which at least one port is provided and a securing body (2) wherein the securing body (2) is movably housed in a securing direction and in an unlocking direction between a first and a second stop position on the plug body (3). A central latching element (14) of the securing body (2) can be moved into a first latching contour (16) for an unlocking position of the plug connection (1) and into a second latching contour (22) for a locking position of the plug connection (1) wherein in the unlocking position at least one other latching element (40 41) of the securing body (2) is engaged against a stop (18) arranged on the plug body (3) in the unlocking direction as a retainer and in the locking position when the first latching element (14) engages into the second latching contour (22) the first latching element (14) and the second latching contour form an interlocking connection.

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

(19) INDIA

country

(22) Date of filing of Application :11/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: LOW PRESSURE CIRCUIT FOR A FUEL INJECTION SYSTEM AND FUEL INJECTION SYSTEM

(51) International classification :F02M63/00,F02M63/02,F02M37/00

(31) Priority Document No :10 2011 082 645.9

(32) Priority Date :14/09/2011 (33) Name of priority :Germany

(86) International :PCT/EP2012/064063

Application No :18/07/2012

Filing Date
(87) International

Publication No :WO 2013/037538

(61) Patent of Addition to
Application Number
Filing Date
(62) Divisional to
Application Number
:NA
:NA
:NA
:NA

(71)Name of Applicant : 1)ROBERT BOSCH GMBH

Address of Applicant :Postfach 30 02 20 70442 Stuttgart

Germany

(72)Name of Inventor:

1)LANGENBACH Christian

2)LAMM Marco

(57) Abstract:

Filing Date

The invention relates to a low pressure circuit for a fuel injection system in particular a common rail injection system. The circuit comprises a fuel tank (1) and a pre supply pump (2) in particular an electric fuel pump which can be used to draw fuel from the fuel tank (1) and supply said fuel to a high pressure pump (4) via a fuel line (3). At least one other line (7 8) which branches off from the fuel line (3) is provided to divide the quantity of fuel that is conveyed by the pre supply pump (2) into a lubricating and/or cooling quantity that is to be supplied to a driving chamber (5) of the high pressure pump (4) and a delivery quantity that is to be supplied to a pump working chamber (6) of the high pressure pump (4). According to the invention the fuel line (3) is provided with a 2/2 way valve (9) which when open hydraulically connects the driving chamber (5) to the pump working chamber (6) of the high pressure pump (4) and when closed allows a zero delivery operation during which the supply of a minimum fuel quantity to the driving chamber (5) for lubricating and/or cooling the high pressure pump (4) is assured via the line (7 8) that branches off from the fuel line (3). The invention further relates to a fuel injection system comprising a low pressure circuit of this type.

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

(21) Application No.10674/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :11/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: CONTENT SHARING VIA SOCIAL NETWORKING

(51) International classification	:G06Q99/00	(71)Name of Applicant :
(31) Priority Document No	:61/537526	1)LINKEDIN CORPORATION
(32) Priority Date	:21/09/2011	Address of Applicant :2029 Stierlin Court Mountain View CA
(33) Name of priority country	:U.S.A.	94043 U.S.A.
(86) International Application No	:PCT/US2012/056531	(72)Name of Inventor:
Filing Date	:21/09/2012	1)NGUYEN Bill
(87) International Publication No	:WO 2013/044003	2)MALLET Vincent
(61) Patent of Addition to Application	:NA	3)WOODS Nicholas
Number	:NA	4)CHENG Jessica
Filing Date	.11/1	5)CHOKSHI Sandip
(62) Divisional to Application Number	:NA	6)RAMANARAYANAN Ganesh
Filing Date	:NA	7)STREICH Megan

(57) Abstract:

Example systems and methods of content sharing via social networking are presented. In one example, availability of a first user device to provide media content over a communication network is detected. A 100 second user device is identified via an association of the first user device with the second user device that is specified in a social network. An accept - ance by the second user device to receive the media content from the first user device is determined. In response to the acceptance, transmission of the media content provided by the first user device over the communication net work to the second user device is initiated.

No. of Pages: 75 No. of Claims: 32

(21) Application No.10675/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :11/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: SERVICE FOR MANAGING DIGITAL CONTENT RESALES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:G06Q30/00 :13/115047 :24/05/2011 :U.S.A. :PCT/US2012/039201 :23/05/2012 :WO 2012/162432 :NA :NA :NA	(71)Name of Applicant: 1)AMAZON TECHNOLOGIES INC. Address of Applicant: P.O. Box 8102 Reno NV 89507 U.S.A. (72)Name of Inventor: 1)HILL Peter F. 2)VRIGNAUD Andrew
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(57) Abstract:

A content management system couples DRM protection of content items with a digital content store to allow content items to be transferred or resold from one user to another. The content management sys - tern can generate application- specific digital stores that allow end users to conduct transactions with other users to buy, sell, and/or trade content items associated with the application, in response to a sale or trade of a content item between two users, DRM protections associated with the content item can allow the content item to be re moved from one user computing device and provided to another user computing device, while maintaining the same number of outstanding active copies of the content item before and after the transaction.

No. of Pages: 39 No. of Claims: 15

(21) Application No.10717/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application: 12/12/2013 (43) Publication Date: 26/12/2014

(54) Title of the invention: RARE EARTH REDUCED GARNET SYSTEMS AND RELATED MICROWAVE APPLICATIONS

(51) International :C30B29/28,C01G49/00,H01F10/24 classification

(31) Priority Document No :61/493942 (32) Priority Date :06/06/2011

(33) Name of priority country: U.S.A.

(86) International Application :PCT/US2012/040041

No :30/05/2012 Filing Date

(87) International Publication: WO 2012/170259

(61) Patent of Addition to :NA **Application Number** :NA

Filing Date (62) Divisional to Application :NA Number

:NA Filing Date

(71)Name of Applicant:

1)SKYWORKS SOLUTIONS INC.

Address of Applicant :20 Sylvan Road Woburn MA 01801

(72)Name of Inventor:

1)CRUICKSHANK David Bowie 2)ODONOVAN Rickard Paul 3)MACFARLANE Iain Alexander

4)MURRAY Brian 5)HILL Michael David

(57) Abstract:

Disclosed are synthetic garnets and related devices that can be used in radio frequency (RF) applications. In some embodiments such RF devices can include garnets having reduced or substantially nil Yttrium or other rare earth metals. Such garnets can be configured to yield high dielectric constants and ferrite devices such as TM mode circulators/isolators formed from such garnets can benefit from reduced dimensions. Further reduced or nil rare earth content of such garnets can allow cost effective fabrication of ferrite based RF devices. In some embodiments such ferrite devices can include other desirable properties such as low magnetic resonance linewidths. Examples of fabrication methods and RF related properties are also disclosed.

No. of Pages: 68 No. of Claims: 28

(21) Application No.10718/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application: 12/12/2013 (43) Publication Date: 26/12/2014

(54) Title of the invention: CONFIGURATIONS AND METHODS FOR RETROFITTING AN NGL RECOVERY PLANT

(51) International classification :C07C7/04,C07C7/11,C07C9/08 (71)Name of Applicant : (31) Priority Document No :61/499033 (32) Priority Date :20/06/2011

(33) Name of priority country :U.S.A.

(86) International Application No: PCT/US2012/043332 Filing Date :20/06/2012

(87) International Publication No: WO 2012/177749

(61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to Application

:NA Number :NA Filing Date

1)FLUOR TECHNOLOGIES CORPORATION

Address of Applicant : 3 Polaris Way Aliso Viejo CA 92698

(72)Name of Inventor:

1)MAK John

(57) Abstract:

Devices and methods for retrofitting a natural gas liquids plant are contemplated to extend recovery of C3+ hydrocarbons from various feed gases to recovery of C2+ and C3+ hydrocarbons. In especially preferred aspects dedicated C2+ exchangers are integrated to exclusively cool the feed gas to produce a cooled absorber feed and to produce two separate absorber reflux streams. During C2+ recovery absorber reflux is provided by a portion of the residue gas and a portion of the feed gas while during C3+ recovery absorber and distillation column reflux are provided by the distillation column overhead product.

No. of Pages: 18 No. of Claims: 12

(19) INDIA

(22) Date of filing of Application :12/12/2013 (43) Publication Date : 26/12/2014

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

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:F02D41/14 :10 2011 078 609.0 :04/07/2011 :Germany :PCT/EP2012/062310 :26/06/2012 :WO 2013/004545 :NA :NA	(71)Name of Applicant: 1)ROBERT BOSCH GMBH Address of Applicant: Postfach 30 02 20 70442 Stuttgart Germany (72)Name of Inventor: 1)PAUL Joachim 2)FISCHER Wolfgang 3)SEULING Silke 4)WENZEL Sebastian Paul 5)SARACINO Roberto
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(21) Application No.10719/DELNP/2013 A

(57) Abstract:

A method for operating an internal combustion engine is described. A base control variable (20) for influencing an actual value (24) of an operating variable of the internal combustion engine is determined. The actual value (24) of the operating variable is compared with a set point value (26) of the operating variable. A correction variable (8) is determined as a function of the comparison. A control variable (4) is determined as a function of the base control variable (20) and as a function of the correction variable (8). An actual value of a state variable of the internal combustion engine is determined. A starting time of a time interval of a critical change in state of the internal combustion engine is determined as a function of the determined actual state of the state variable. The control variable (4) is determined after the starting time essentially from an intermediate variable (6) and a correction variable (8).

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

(21) Application No.10910/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application: 18/12/2013 (43) Publication Date: 26/12/2014

(54) Title of the invention: VIDEO ENCODING AND DECODING USING TRANSFORMS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:1110873.5 :27/06/2011 :U.K.	(71)Name of Applicant: 1)BRITISH BROADCASTING CORPORATION Address of Applicant: Broadcasting House London W1A 1AA U.K. (72)Name of Inventor: 1)MRAK Marta 2)GABRIELLINI Andrea 3)SPRLJAN Nikola 4)FLYNN David
Number		· ·
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Video encoding or decoding utilising a spatial transform operating on rows and columns of a block, with a set of o transform skip modes including: transform on rows and columns; transform on rows only;transform on columns only;no transform. An indication of the selected mode is provided to the decoder. Coefficients are scaled by a factor dependent upon the norm of the transform vector of the skipped transform to bring the untransformed image values to the same level as transformed coefficients.

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

(21) Application No.10911/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :18/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention : ELECTROSTATIC INK COMPOSITION INK CONTAINER PRINTING APPARATUS AND PRINTING METHOD

(51) International classification :B41J2/06,C09D11/00,B41J2/14 (71)Name of Applicant : (31) Priority Document No 1)HEWLETT PACKARD INDIGO B.V. (32) Priority Date :NA Address of Applicant :Startbaan 16 NL 1187 XR Amstelveen (33) Name of priority country :NA Netherlands (86) International Application No: PCT/EP2011/062013 (72)Name of Inventor: Filing Date :13/07/2011 1)MOR Ilanit (87) International Publication No: WO 2013/007307 2) VERDENE Basile (61) Patent of Addition to 3)TEISHEV Albert :NA **Application Number** 4)LIRAZ Roi :NA Filing Date 5)GRINWALD Yaron (62) Divisional to Application 6)KLEIN Nava :NA Number 7)MASOUD Emad :NA Filing Date

(57) Abstract:

Disclosed is an electrostatic ink composition, comprising a single charge director and a charge control agent that o counters the build up of negative optical density memory on the intermediate transfer member of a printing apparatus using the elec - tro static ink.

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

(19) INDIA

(22) Date of filing of Application :12/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: ENERGY RECOVERY SYSTEM HAVING ACCUMULATOR AND VARIABLE RELIEF

(51) International classification: F15B21/14,E02F9/22,F15B13/02 (71) Name of Applicant: (31) Priority Document No :13/171146 1)CATERPILLAR INC. (32) Priority Date Address of Applicant: 100 N.E. Adams Street Peoria IL 61629 :28/06/2011 (33) Name of priority country 9510 U.S.A. :U.S.A. (72)Name of Inventor: (86) International Application :PCT/US2012/042353 No 1)ZHANG Jiao :14/06/2012 Filing Date 2)CHEN Dayao (87) International Publication 3)MA Pengfei :WO 2013/003049 4)SHANG Tonglin (61) Patent of Addition to 5)TOGNETTI Lawrence :NA **Application Number** 6)KUEHN Jeffrey :NA Filing Date (62) Divisional to Application :NA Number :NA Filing Date

(57) Abstract:

A swing energy recovery system (50) for a machine (10) is disclosed. The swing energy recovery system may have a pump (58) configured to pressurize fluid a motor (49) driven by a flow of pressurized fluid from the pump and an energy recovery arrangement (104) configured to receive pressurized fluid discharged from the motor and selectively supply pressurized fluid to the motor. A selector valve (120) a charge valve (122) and a discharge valve (124) can be selectively used for charging and discharging at least one accumulator (108 110). The swing energy recovery system may also have a pressure relief valve (146) associated with the motor and a controller (100) in communication with the energy recovery arrangement and the pressure relief valve. The controller may be configured to selectively adjust a setting of the pressure relief valve based on an operating condition of the energy recovery arrangement.

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

(21) Application No.10729/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :12/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: REMOVABLE CAB FLOOR ACCESS PANEL

(51) International classification	:B62D33/06,B62D25/20	(71)Name of Applicant:
(31) Priority Document No	:13/173614	1)CATERPILLAR INC.
(32) Priority Date	:30/06/2011	Address of Applicant :100 N.e. Adams Street Peoria IL 61629
(33) Name of priority country	:U.S.A.	9510 U.S.A.
(86) International Application No	:PCT/US2012/044161	(72)Name of Inventor:
Filing Date	:26/06/2012	1)CASE Michael
(87) International Publication No	:WO 2013/003326	2)WEILER Kenneth
(61) Patent of Addition to Application	:NA	3)SHELBY Jason
Number	:NA	4)ZURINSKI Jeffrey
Filing Date	.NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A machine (100) including a chassis (102) in which an engine (110) is supported on the chassis (102). The engine (110) includes serviceable components (112) which require servicing. A cab (200) is mounted on the chassis (102) such that the cab (200) is disposed over the engine (110). The cab (200) includes a roof (204) and a floor (202) interconnected through the side walls (206) to define an enclosure. The floor (202) is disposed above the engine (110). Further the cab (200) includes a floor (202) opening defined in the floor (202). An access panel (300) is removably coupled to the floor (202) opening. The floor (202) opening provides an access to the serviceable components (112) by removing the access panel (300).

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

(19) INDIA

(22) Date of filing of Application :18/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: ROOM TEMPERATURE VULCANISABLE SILICONE COMPOSITIONS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application 	:C08L83/04 :61/491940 :01/06/2011 :U.S.A. :PCT/US2012/039794 :29/05/2012 :WO 2012/166692	(71)Name of Applicant: 1)DOW CORNING CORPORATION Address of Applicant: 2200 West Salzburg Road Midland MI 48686 0994 U.S.A. (72)Name of Inventor: 1)ALTUM Stephen 2)SEITZ Aaron J.
	:PCT/US2012/039794	(72)Name of Inventor:
Filing Date	:29/05/2012	1)ALTUM Stephen

(21) Application No.10920/DELNP/2013 A

(57) Abstract:

Room temperature vulcanisable (RTV) silicone compositions which are storage stable have good freeze/thaw characteristics in the absence of polar solvents and which cure to a low modulus silicone elastomer and a process for making same. The composition contains (i) 100 parts by weight of a hydroxyl endblocked polydiorganosiloxane having a viscosity at 25°C of from 5 to 100 Pa.s (ii) one or more fillers optionally treated to be rendered hydrophobic (iii) from 2.5 to 10 parts by weight of methylvinyldi(N ethylacetamido)silane (iv) from 1 to 6 parts by weight of an aminoxysilicon compound having from 1 to 100 silicon atoms per molecule and from 3 to 10 aminoxy groups per molecule. The composition no i.e. zero (0) parts of a polar solvent selected from dimethylformamide (DMF) acetonitrile and N n butylacetamide and does not visibly partially crystallize when stored at a temperature of 5°C or less.

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

(19) INDIA

(22) Date of filing of Application :18/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: PROCESS FOR EXTRACTION OF PECTIN

(51) International classification	:C08B37/00	(71)Name of Applicant :
(31) Priority Document No	:13/154381	1)CP Kelco ApS
(32) Priority Date	:06/06/2011	Address of Applicant :Ved Banen 16 DK 4623 Lille Skensved
(33) Name of priority country	:U.S.A.	Denmark
(86) International Application No	:PCT/EP2012/055425	(72)Name of Inventor:
Filing Date	:27/03/2012	1)JENSEN S ₃ ren Vodstrup
(87) International Publication No	:WO 2012/167963	2)S~RENSEN Susanne Oxenb¸ll
(61) Patent of Addition to Application	:NA	3)ROLIN Claus
Number	:NA	
Filing Date	.IVA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(21) Application No.10921/DELNP/2013 A

(57) Abstract:

Embodiments of the processes provided herein allow for extraction of high quality pectins from pectin containing plant materials using oxalic acid for extraction of the pectin containing material. Generally described the process for extracting pectin having a high degree of polymerization includes preparing an aqueous suspension of a pectin containing plant material; adding oxalic acid and/or a water soluble oxalate to the aqueous suspension in an amount sufficient to provide a mixture having a pH of between 3.0 and 3.6 and a total molarity of oxalate greater than a total molarity of calcium(II); heating the mixture to a temperature from about 50 to about 80°C for a time sufficient to extract pectin from the pectin containing plant material; and separating the extracted pectin from the mixture. The extracted pectin desirably is characterized as having a degree of esterification (DE) of at least 72 and a high degree of polymerization the degree of polymerization being characterized by an intrinsic viscosity of greater than about 6.5 dL/g.

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

(19) INDIA

(22) Date of filing of Application :12/12/2013 (43) Publication Date: 26/12/2014

(54) Title of the invention: SOLAR SELECTIVE ABSORBER BASED ON DOUBLE NITRIDE COMPOSITE MATERIAL AND PROCESS FOR ITS PREPARATION

(51) International classification: F24J2/48,C23C14/06,C23C14/34 (71)Name of Applicant:

(31) Priority Document No :RM2011A000308 (32) Priority Date :15/06/2011 (33) Name of priority country :Italy

(86) International Application :PCT/IB2012/053008

:14/06/2012 Filing Date

(87) International Publication

:WO 2012/172505

(61) Patent of Addition to **Application Number** :NA Filing Date

(62) Divisional to Application :NA Number

:NA

:NA Filing Date

1)AGENZIA NAZIONALE PER LE NUOVE TECNOLOGIE LENERGIA E LO SVILUPPO ECONOMICO SOSTENIBILE (ENEA)

Address of Applicant: Lungotevere Thaon di Revel 76 I 00196

Roma RM Italy

(72)Name of Inventor: 1)ANTONAIA Alessandro

2)ESPOSITO Salvatore 3)ADDONIZIO Maria Luisa 4)GUGLIELMO Antonio

(57) Abstract:

A thin-film spectrally selective coating for receiver tube of vacuumed type for use in thermodynamic solar installations and operating both at medium temperature (up to 400 °C) and at high temperature (up to 550 °C), coating where the optically absorbing layer is a multilayer of cermet material of type: W N-AIN or Mo N-AGN, material prepared with reactive co-sputtering technique from an Al target and a W or Mo target, process conducted under a transition regimen, under PEM (Plasma Emission o Monitoring) or CVM (Cathode Voltage Monitoring) monitoring for the sole Al target, with inletting near the Al target of a N 2 amount adequate for obtainment of a high-transparency, high growth rate sub-stoichiometric ceramic AGN and with inletting near the W or Mo target of a N2 amount adequate for obtainment of the sole W2N or Mo2N phase, phase very stable at high temperature, such as to make the cermet material as close as possible to the formulation W2N-AINx or Mo2N-AGN (with x comprised between 0.90 and 1.00, preferably 0.95) and, therefore, cermet material employable at least up to the temperature of 550 °C.

No. of Pages: 43 No. of Claims: 52

(21) Application No.10941/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application:19/12/2013 (43) Publication Date: 26/12/2014

(54) Title of the invention: PROCESS FOR SEPARATING MONOCHLOROACETIC ACID AND DICHLOROACETIC ACID VIA EXTRACTIVE DISTILLATION

(51) International

:C07C51/44,C07C51/46,C07C51/48 classification

(31) Priority Document No :11170773.3 (32) Priority Date :21/06/2011

(33) Name of priority country: EPO

(86) International Application :PCT/EP2012/054310

No :13/03/2012 Filing Date

(87) International Publication: WO 2012/175229

(61) Patent of Addition to :NA **Application Number**

:NA Filing Date

(62) Divisional to Application:NA Number :NA

Filing Date

(71)Name of Applicant:

1)AKZO NOBEL CHEMICALS INTERNATIONAL B.V.

Address of Applicant: Stationsstraat 77 NL 3811 MH

Amersfoort Netherlands (72)Name of Inventor:

1)JONGMANS Mark Theodorus Gerardus

2)PRAGT Johannes Josef 3)BARGEMAN Gerrald 4)SCHUUR Boelo

5)AALDERING Jacobus Theodorus Josef

6)DE HAAN Andr Banier 7)NIEUWHOF Melle Rinze

8)VERWER Paul

9)KISS Anton Alexandru

10)TEN KATE Antoon Jacob Berend

11) VAN STRIEN Cornelis Johannes Govardus

(57) Abstract:

The present invention pertains to a process for separating monochloroacetic acid and dichloroacetic acid from one another via extractive distillation comprising the steps of (i) contacting a mixture comprising monochloroacetic acid and dichloroacetic acid with an extractive agent which is chemically stable and which has a BF affinity of between 65 kJ/mole and 110 kJ/mole (ii) distilling the mixture to obtain a monochloroacetic acid stream and a stream comprising dichloroacetic acid and the extractive agent and (iii) regenerating the extractive agent.

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

(21) Application No.10942/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application:19/12/2013 (43) Publication Date: 26/12/2014

(54) Title of the invention: METHOD PROCESS AND APPARATUS FOR MANUFACTURING TYRES FOR VEHICLE **WHEELS**

(51) International classification :B29D30/00,B29D30/20 (71)Name of Applicant : (31) Priority Document No :MI2011A001320 (32) Priority Date :15/07/2011 (33) Name of priority country :Italy

(86) International Application No :PCT/IB2012/053255 Filing Date :27/06/2012

(87) International Publication No :WO 2013/011396

(61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA 1)PIRELLI TYRE S.P.A.

Address of Applicant: Viale Sarca 222 I 20126 Milan Italy

(72)Name of Inventor: 1)PORTINARI Gianni 2)DALE Pietro 3)BOSIO Gian Luigi

(57) Abstract:

In an apparatus for building tyres for vehicle wheels a forming drum (13) is loaded on a shuttle (17) movable on a guide (16) along a deposition line (L). The shuttle (17) is moved on the guide (16) in the two running directions (SI S2) to bring it to dispensing stations (19 20 21; 22 23 24 25 26) of semifinished products (4a 4b 5; 22a 23a 24a 25a 26a) disposed in at least some deposition locations (18i 18ii 18ii 18iv 18v 18vi) positioned in space succession along the deposition line (L). At each of the dispensing stations (19 20 21; 22 23 24 25 26) at least one semifinished product (4a 4b 5; 22a 23a 24a 25a 26a) is laid on a radially external surface (13a) to the forming drum (13) carried by the shuttle (17) for forming at least one component of a tyre (2). The shuttle (17) is moved on the guide (16) in a different sequence from the space succession of the depositions locations (18i 18ii 18ii 18iv 18v 18vi) along the deposition line (L).

No. of Pages: 42 No. of Claims: 36

(19) INDIA

(22) Date of filing of Application :19/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: DEVICE AND METHOD FOR ERYTHROCYTE MORPHOLOGY ANALYSIS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:G01N33/49,G06N3/02 :NA :NA :NA :PCT/CN2011/079710 :16/09/2011 :WO 2013/037119 :NA :NA :NA	(71)Name of Applicant: 1)AVE SCIENCE & TECHNOLOGY CO. LTD. Address of Applicant: Building 6B Luguyuyuan No. 27 Wenxuan Road Changsha High tech Industrial Development Zone Changsha Hunan 410205 China (72)Name of Inventor: 1)DING Jianwen 2)ZHOU Fengliang 3)LIANG Guangming
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(57) Abstract:

Disclosed is a device and method for erythrocyte morphology analysis. The method includes: samples are placed under an automatic microscope and amplified then morphology images of the cells in the samples are taken by CCD and after such images are digitized with an image digitizer image segmentation and location and extraction of target feature parameters are performed; the morphology feature parameters of the erythrocytes are isolated by a classifier established on the basis of neural networks and the data from the morphology feature parameters of each kind of erythrocyte is normalized by a feature fusion device established on the basis of fuzzy clustering and each class of normalized parameters obtained is subjected to statistical analysis respectively or comprehensive statistical analysis according to several classes of parameters and is represented as graphs or numerical tables. On this basis it is determined whether the morphology of the erythrocytes is normal or not and the source and nature of the erythrocytes can be identified by detection of each kind of erythrocyte with abnormal morphology.

No. of Pages: 46 No. of Claims: 14

(21) Application No.10668/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application:11/12/2013 (43) Publication Date: 26/12/2014

(54) Title of the invention: METHOD AND APPARATUS FOR GEO LOCATING MOBILE STATION

(51) International classification :G01S3/30,G01S5/02,G01S5/12 (71)Name of Applicant : (31) Priority Document No :13/171861

(32) Priority Date :29/06/2011 (33) Name of priority country :U.S.A.

(86) International Application No :PCT/US2012/038062

Filing Date :16/05/2012 (87) International Publication No: WO 2013/002906

(61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to Application :NA

Number :NA Filing Date

1)ALCATEL LUCENT

Address of Applicant: 3 avenue Octave Grard F 75007 Paris

(72)Name of Inventor: 1)SANDERS Susan W.

2)BU Tian

(57) Abstract:

A method for estimating a geographic location of a mobile station within a coverage area of a wireless network includes: determining a radial distance of the mobile station from a serving base station based on a round trip measurement and calculating an angular position of the mobile station in relation to the radial distance based on a first signal strength measurement a second signal strength measurement and an angular position reference that extends outward from the serving base station. The signal strength measurements representative of power characteristics of RF signals received by the mobile station from first and second sector antennas of the serving base station. An apparatus associated therewith includes a distance module to perform the determining and an angular position module to perform the calculating. The apparatus may be implemented in a base station a geo location service node a network management node or other communication nodes.

No. of Pages: 43 No. of Claims: 10

(22) Date of filing of Application:19/12/2013 (43) Publication Date: 26/12/2014

(54) Title of the invention: RAZOR CARTRIDGE WITH SKIN CONTACT ELEMENT

(51) International classification	:B26B21/40	(71)Name of Applicant :
(31) Priority Document No	:11170574.5	1)THE GILLETTE COMPANY
(32) Priority Date	:20/06/2011	Address of Applicant :World Shaving Headquarters IP/Legal
(33) Name of priority country	:EPO	Patent Department 3E One Gillette Park Boston Massachusetts
(86) International Application No	:PCT/US2012/043211	02127 U.S.A.
Filing Date	:20/06/2012	(72)Name of Inventor:
(87) International Publication No	:WO 2012/177677	1)OGLESBY Oliver David
(61) Patent of Addition to Application	:NA	2)PETERSON Mark
Number	:NA	
Filing Date	.11/1	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(21) Application No.10950/DELNP/2013 A

(57) Abstract:

(19) INDIA

A razor cartridge (10) comprising a housing (19); a guard (16) located at the front of the housing; a cap (17) located at the rear of the housing; two or more blades (12) disposed in the housing between the guard and the cap; a skin contact element (14) extending across the housing between two of said blades; and a plurality of projections (5 1) extending from a base (52) of said skin contact element, each having a skin contacting surface (54), the projections being spaced along the length of the skin contact element, wherein there is a pitch of up to 2mm between adjacent projections and the skin contacting surface has a width extending for up to 35% of the pitch.

No. of Pages: 39 No. of Claims: 11

(19) INDIA

(22) Date of filing of Application :19/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: METHODS AND SYSTEMS FOR A GENERIC MULTI RADIO ACCESS TECHNOLOGY

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:H04W72/12 :61/493801 :06/06/2011 :U.S.A. :PCT/EP2012/058734 :11/05/2012 :WO 2012/168030 :NA	(71)Name of Applicant: 1)ERICSSON MODEMS SA Address of Applicant: Chemin du Champ des Filles 39 CH 1228 Plan les Ouates Switzerland (72)Name of Inventor: 1)-RJMARK Jerker 2)BRESCHEL Michael 3)INGESSON Kent Inge 4)KLANG Robert 5)MALMBERG Magnus
Number		4)KLANG Robert
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Generic devices systems and methods for multiple radio access technologies (RATs) are described. A platform for allocating radio resources among a plurality of radio access technology (RAT) modules can include for example radio hardware configured to transmit and receive radio signals over an air interface using the plurality of RATs; and a radio planner connected to the radio hardware and configured to receive radio time reservation requests each of which requests includes a priority value for the radio time reservation request and to determine whether to grant or deny each of the radio time reservation requests based at least in part on the priority values.

No. of Pages: 75 No. of Claims: 26

(21) Application No.10952/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :19/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: AMPLIFIER FOR ELECTROSTATIC TRANSDUCERS

(51) International classification :H03F3/217,H04R19/02 (71)Name of Applicant : (31) Priority Document No 1)WARWICK AUDIO TECHNOLOGIES LIMITED :1108371.4 (32) Priority Date Address of Applicant :The Venture Centre Sir William Lyons :19/05/2011 (33) Name of priority country Road Coventry West Midlands CV4 7EZ U.K. :U.K. :PCT/GB2012/051132 (72)Name of Inventor: (86) International Application No 1)ATKINS Brian Filing Date :18/05/2012 (87) International Publication No :WO 2012/156754 2)BILLSON Duncan (61) Patent of Addition to Application 3)HOARE David :NA :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract:

A class D audio amplifier which provides both an alternating signal and a DC bias voltage to an electrostatic transducer (9). The amplifier comprises an input module (1) for generating a modulated sequence of pulses in response to an input audio signal and an output module (3) for amplifying the sequence of pulses which includes high speed switching output transistors (4 5). A power supply (6) provides a supply voltage to the switching output transistors (4 5). A low pass filter (8) receives the amplified sequence of pulses and generates an output signal for the transducer. The amplified sequence of pulses from the output module (3) is fed to a voltage multiplier module (10) which provides a constant bias voltage for the electrostatic transducer.

No. of Pages: 13 No. of Claims: 17

(21) Application No.10760/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :13/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: PIZZA OVEN ACCESSORY FOR A BARBECUE

(51) International classification	:A47J37/04,A47J37/07	(71)Name of Applicant :
(31) Priority Document No	:2011/03655	1)SNYMAN Anton
(32) Priority Date	:19/05/2011	Address of Applicant :9 Hampton Crescent Belvedere Estate
(33) Name of priority country	:South Africa	Durbanville 7550 Cape Town Western Cape South Africa
(86) International Application No	:PCT/ZA2012/000033	(72)Name of Inventor:
Filing Date	:16/05/2012	1)SNYMAN Anton
(87) International Publication No	:WO 2012/159131	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.IVA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

This invention relates to a pizza oven accessory (10) for a barbecue. More specifically the invention relates to a pizza oven accessory (10) for converting a kettle type barbecue into a pizza oven. The pizza oven accessory (10) includes a hollow body (12) and a food receiving member (14). The hollow body (12) is receivable between a fuel receiving base (100) and a lid (102) of a barbecue so as to define in use a cooking chamber (22) within the hollow body (12) and between the base (100) and lid (102) of the barbecue. The hollow body (12) further defines an access opening (24) through which food is introducible or removable from the cooking chamber (22). The food receiving member (14) on which the food is receivable is rotatably supported within or in close proximity with the hollow body (12).

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

(19) INDIA

(22) Date of filing of Application :13/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: STATOR FOR AN ELECTRIC MACHINE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:H02K3/12 :NA :NA :NA :PCT/IT2011/000231 :07/07/2011 :WO 2013/005238 :NA :NA :NA	(71)Name of Applicant: 1)TECNOMATIC S.P.A. Address of Applicant: Zona Industriale Santa Scolastica Via Copernico 2-64013 Corropoli (Teramo) Italy (72)Name of Inventor: 1)GUERCIONI Sante
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(21) Application No.10762/DELNP/2013 A

(57) Abstract:

There is described a stator (1) for an electric machine comprising: a stator core (2) having a first and a second face opposite to one another (3, 4) and a circular array of stator slots (5) extending between said faces (3, 4) and that are distributed around a stator axis (Z-Z); and a bar winding (10) comprising a plurality of basic conductors (11) and a plurality of special conduct - 00 ors (12, 13, 14, 15, 16, 17) interconnected to one another for forming the bar winding (10). Each basic conductor (11) comprises two basic conductor legs (11A, 1IB) and a basic conductor connecting portion (11C) between said legs (11A, 1IB). Each basic conduct or leg (11A, 1IB) has an end portion connected to the basic conductor connecting portion (11C) and an opposite free end portion o (1IF). The basic conductors (11) are inserted into the stator slots (5) with the free end portions (1IF) protruding from said second face (4). The free end portions (1IF) define a plurality of circular conductor layers (LI, L2, L3, L4) concentric to one another com prising a radially outer circular end layer (LI) and a radially inner circular end layer (L4). The special conductors (12, 13, 14, 15, 16, o 17) comprise a jumper (12; 13) of a first type having a first and a second jumper arm (12A, 12B; 13A, 13B) respectively connected to two of said free end portions (1IF), and a jumper jointing portion (12C; 13C) between said jumper arms (12A, 12B; 13A, 13B). The stator (1) is characterised in that the jumper of said first type (12; 13) is arranged so that: the two free end portions (1IF) o whereto the first

No. of Pages: 42 No. of Claims: 9

(19) INDIA

(22) Date of filing of Application :13/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: FINES CAPTURE AND RECYCLE SYSTEM AND USES THEREOF

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:B04C3/04 :61/500630 :24/06/2011 :U.S.A. :PCT/US2012/044094 :25/06/2012	 (71)Name of Applicant: 1)SYNTHESIS ENERGY SYSTEMS INC. Address of Applicant: Three Riverway Suite 300 Houston TX 77056 U.S.A. (72)Name of Inventor: 1)LAU Francis
 (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:WO 2012/178213 :NA :NA :NA	2)SHENG Tsung Yao Robert
Filing Date	:NA	

(57) Abstract:

A cyclone system for a gasifier having two or more cyclones arranged in series. The cyclone system comprises a first stage cyclone a first dipleg a first loopseal a second stage cyclone a second dipleg a combined dipleg and a combined loopseal. The first stage cyclone has a first inlet and a first outlet. The first inlet is in fluid communication with the gasifier and receives a first gas solid mixture from the gasifier. The first dipleg is connected to the first stage cyclone for collecting a first solid particle fraction separated from the first gas solid mixture. The first loopseal is connected to the first dipleg for receiving the first solid particle fraction. The second stage cyclone has a second inlet and a second outlet. The second inlet is in fluid communication with the first outlet and receives a second gas solid mixture from the first stage cyclone. The second dipleg is connected to the second stage cyclone for collecting a second solid particle fraction separated from the second gas solid mixture. The combined dipleg is connected to both the first loopseal and the second dipleg. The combined loopseal is connected to the combined dipleg for receiving a mixture of the first and second solid particle fractions and to the gasifier for feeding the mixture of the first and second solid particle fractions back to the gasifier. Also disclosed is a method for capturing and recycling fines with the cyclone system.

No. of Pages: 18 No. of Claims: 16

(21) Application No.10751/DELNP/2013 A

1)HIBERNATION HONEY LIMITED

Address of Applicant :57 59 South Clerk Street Edinburgh

(71)Name of Applicant:

Lothian EH8 9PP U.K.

(72)Name of Inventor: 1)MCINNES Mike

(19) INDIA

(22) Date of filing of Application :13/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: HONEY COMPOSITION WITH L ALANYL L GLUTAMINE

(51) International classification :A61K35/64,A61K38/05,A61P25/20

(31) Priority Document No :1108343.3 (32) Priority Date :18/05/2011

(33) Name of priority country:U.K.

(86) International :PCT/GB2012/051090

Application No
Filing Date

11 C1/GB201
16/05/2012

(87) International Publication :WO 2012/156731

No (61) Patent of Addition to .N.4

Application Number Filing Date :NA

(62) Divisional to
Application Number
Filing Date
:NA
:NA

2012

(57) Abstract:

The present invention relates to compositions including honey and L alanyl L glutamine pharmaceutical compositions thereof and a combined product comprising honey and L alanyl L glutamine for a simultaneous separate or sequential use in therapy. The composition pharmaceutical composition and combined product have particular utility in improving sleep and treating sleep disorders such as insomnia or sleep apnoea.

No. of Pages: 13 No. of Claims: 14

(21) Application No.10753/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :13/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: DETECTING BLOOD PATH DISRUPTION IN EXTRACORPOREAL BLOOD 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 	:A61M1/36 :61/500146 :23/06/2011 :U.S.A. :PCT/EP2012/059521 :23/05/2012 :WO 2012/175267 :NA :NA :NA	(71)Name of Applicant: 1)GAMBRO LUNDIA AB Address of Applicant: P.O. Box 10101 SE 220 10 Lund Sweden (72)Name of Inventor: 1)HOLMER Mattias 2)OLDE Bo 3)SOLEM Kristian
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(57) Abstract:

A device (7) monitors a blood path from a blood vessel access (3) of a human subject through an extracorporeal blood processing apparatus and back to the blood vessel access (3). A pumping device (4) in the blood path is operable to pump blood through the blood path from the blood withdrawal device (2) to the blood return device (2). The monitoring device (7) obtains pressure data from a pressure sensor (6a) arranged upstream of the pumping device (4) in the blood path and processes the pressure data for detection of a disruption of the blood path downstream of the pumping device (4) e.g. caused by VND (Venous Needle Dislodgement). The disruption is detected by evaluating presence/absence of cross talk pulses at the pressure sensor (6a) where the cross talk pulses originate from one or more pulse generators in the extracorporeal blood processing apparatus (80) and have propagated on a propagation path (P2) in a direction downstream of the pumping device (4) through the blood return device (2) the blood vessel access (3) and the blood withdrawal device (2) to the pressure sensor (6a).

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

(21) Application No.10754/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :13/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: ACOUSTIC PANEL AND ASSOCIATED ASSEMBLY METHOD

(51) International classification :G10K11/172,F02C7/045 (71)Name of Applicant : (31) Priority Document No 1)ZEPHYROS INC. :61/502527 (32) Priority Date Address of Applicant: 160 Mclean Drive Romeo MI 48065 :29/06/2011 (33) Name of priority country :U.S.A. U.S.A. (86) International Application No :PCT/US2012/044316 (72)Name of Inventor: Filing Date :27/06/2012 1)FRANZOI Eric (87) International Publication No :WO 2013/003411 2)WALKER Jason (61) Patent of Addition to Application 3)KOSAL David :NA :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract:

A panel assembly 10 and method of making the same whereby the panel assembly includes an adhesive 16 located onto one or more edges 13 14 of a layered honeycomb structure and a mesh material 18 adhered in between the layered honeycomb structure by the adhesive.

No. of Pages: 27 No. of Claims: 20

(21) Application No.10755/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :13/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: NOVEL FLUOROERGOLINE ANALOGS

(51) International classification	:C07D457/00	(71)Name of Applicant:
(31) Priority Document No	:61/571299	1)MAP PHARMACEUTICALS INC.
(32) Priority Date	:23/06/2011	Address of Applicant :2400 Bayshore Parkway Suite 200
(33) Name of priority country	:U.S.A.	Mountain View CA 94043 U.S.A.
(86) International Application No	:PCT/US2012/043677	(72)Name of Inventor:
Filing Date	:22/06/2012	1)COOK Robert O.
(87) International Publication No	:WO 2012/177962	2)ZHANG Jian
(61) Patent of Addition to Application	:NA	3)ARMER Thomas A.
Number	:NA	
Filing Date	.11/1	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Provided herein are novel fluoroergoline derivatives and compositions thereof. In other embodiments provided herein are methods of treatment prevention or amelioration of a variety of medical disorders such as for example migraine using the compounds and compositions disclosed herein. In still other embodiments provided herein are methods of agonizing receptors such as for example the 5 HT1D and/or the 5 HT1B receptor without agonizing the 5 HT2B receptor using the compounds and compositions disclosed herein. In still other embodiments provided herein are methods of antagonizing or inhibiting activity at receptors such as for example the adrenergic alpha2A and/or the alpha2B receptors using the compounds and compositions disclosed herein.

No. of Pages: 78 No. of Claims: 30

(21) Application No.10756/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application: 13/12/2013 (43) Publication Date: 26/12/2014

(54) Title of the invention: REFLECTIVE ARTICLE HAVING A SACRIFICIAL CATHODIC LAYER

(51) International

:G02B5/08,H01L31/052,C03C17/36

classification

(31) Priority Document No :13/171509

(32) Priority Date

:29/06/2011 (33) Name of priority country: U.S.A.

(86) International Application :PCT/US2012/033996

No Filing Date

:18/04/2012

(87) International Publication :WO 2013/002882

No

(61) Patent of Addition to :NA **Application Number** :NA

Filing Date

(62) Divisional to Application:NA Number :NA

Filing Date

(71)Name of Applicant:

1)PPG INDUSTRIES OHIO INC.

Address of Applicant :3800 West 143rd Street Cleveland OH

44111 U.S.A.

(72) Name of Inventor:

1)KABAGAMBE Benjamin 2)BUCHANAN Michael J. 3)SCOTT Matthew S. 4) REARICK Brian K.

5)MEDWICK Paul A.

6)MCCAMY James W.

(57) Abstract:

The present invention relates to reflective articles such as solar mirrors that include a sacrificial cathodic layer. The reflective article more particularly includes a substrate (41) such as glass having a multi-layered coating thereon that includes a lead free sacrificial cathodic layer (29). The sacrificial cathodic layer (29) includes at least one transition metal such as a particulate transition metal which can be in the form of flakes (e.g. zinc flakes). The sacrificial cathodic layer can include an inorganic matrix formed from one or more organo titanates. Alternatively the sacrificial cathodic layer can include an organic polymer matrix (e.g. a crosslinked organic polymer matrix formed from an organic polymer and an aminoplast crosslinking agent). The reflective article also includes an outer organic polymer coating (32) that can be electrodeposited over the sacrificial cathodic layer (29).

No. of Pages: 79 No. of Claims: 28

(19) INDIA

(22) Date of filing of Application :13/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention : MODULARIZED PROCESS FLOW FACILITY PLAN FOR STORING HAZARDOUS WASTE MATERIAL

(57) Abstract:

A modularized system for processing storing and/or disposing of a hazardous waste material is described. In one exemplary embodiment the modularized system includes a container configured to sealingly contain hazardous waste material; a first cell the first cell comprising a first area for manipulating the container; and a second cell the second cell comprising a second area for manipulating the container the second cell being isolated from the first cell the first cell held at a first pressure and the second cell held at a second pressure the first pressure being less than the second pressure. The first cell can include a filling station and the filling station can include (a) a blender configured to mix the hazardous waste material with additives; (b) a hopper coupled to the blender; and (c) a fill nozzle coupled to the hopper and configured to transfer the hazardous waste material and additive mixture into the container. The filling station may further include an off gas sub system having a vacuum nozzle configured to couple to the container. The second cell can include a baking and sealing station configured to seal a filling port of the container. The baking and sealing station can include a welding station a bake out furnace and an off gas system having a vacuum nozzle configured to couple to the container. The system may include a third cell and a fourth cell the third cell being isolated from the first cell and the second cell the second cell and third cell configured to allow the container to be transferred from the second cell to the third cell. The fourth cell being isolated from the third cell to the fourth cell to the fourth cell.

No. of Pages: 62 No. of Claims: 21

(21) Application No.10790/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :13/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: FILLING CONTAINER AND METHOD FOR STORING HAZARDOUS WASTE MATERIAL

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application 	:G21F5/005,G21F9/22,B09B3/00 :NA :NA :NA :PCT/IB2011/001565 :02/06/2011 :WO 2012/164331 :NA :NA	(71)Name of Applicant: 1)AUSTRALIAN NUCLEAR SCIENCE AND TECHNOLOGY ORGANISATION Address of Applicant: New Illawarra Road Lucas Heights New South Wales 2234 Australia (72)Name of Inventor: 1)BERMUDEZ Walter Guillermo 2)MORICCA Salvatore 3)MURRAY Allan Grant
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The present invention provides systems methods and devices for storing and/or disposing of hazardous waste material. In some embodiments the waste material includes nuclear waste such as calcined material. In certain embodiments the device includes a container having a container body a filling port configured to couple with a filling nozzle and a filling plug and an evacuation port having a filter. The evacuation port is configured to couple with an evacuation nozzle and an evacuation plug. In certain embodiments the method includes (a) adding hazardous waste material via a filling nozzle coupled to a filling port of a container the container including an evacuation port (b) evacuating the container during adding of the hazardous waste material via an evacuation nozzle coupled to an evacuation port of the container (c) sealing the filling port (d) heating the container and (e) sealing the evacuation port.

No. of Pages: 68 No. of Claims: 60

(21) Application No.10791/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application: 13/12/2013 (43) Publication Date: 26/12/2014

(54) Title of the invention: MICROBIAL METABOLISM OF CHLORINE OXYANIONS AS A CONTROL OF BIOGENIC HYDROGEN SULFIDE PRODUCTION

(51) International :C07K14/195,C12N1/00,C12N15/63

classification

(31) Priority Document No :61/493367 (32) Priority Date :03/06/2011 (33) Name of priority country:U.S.A.

(86) International :PCT/US2012/040273

Application No :31/05/2012 Filing Date

(87) International Publication :WO 2012/166964

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to :NA Application Number :NA Filing Date

(71)Name of Applicant:

1)THE REGENTS OF THE UNIVERSITY OF

CALIFORNIA

Address of Applicant:1111 Franklin Street 12th Floor

Oakland CA 94607 5200 U.S.A.

(72)Name of Inventor: 1)COATES John D.

(57) Abstract:

The present disclosure relates to methods of controlling the sulfide (S2) content in systems such as oil and gas reservoirs and pipelines by the use of chlorine oxyanions and microorganisms with (per)chlorate reducing activity.

No. of Pages: 72 No. of Claims: 62

(21) Application No.10793/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :14/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: METAL AIR CELL WITH ION EXCHANGE MATERIAL

(51) International classification :H01M12/06, (31) Priority Document No :61/498308 (32) Priority Date :17/06/2011 (33) Name of priority country :U.S.A.

(86) International Application No :PCT/US2012/043000 Filing Date :18/06/2012

(87) International Publication No :WO 2012/174558
(61) Patent of Addition to Application
Number :NA :NA

Filing Date

(62) Divisional to Application Number :NA
Filing Date :NA

:H01M12/06,H01M12/08 (71)Name of Applicant :

1)FLUIDIC INC.

Address of Applicant :8455 North 90th Street Suite 4

Scottsdale AZ 85258 U.S.A. (72)Name of Inventor:

1)FRIESEN Cody A. 2)WOLFE Derek

3)JOHNSON Paul Bryan

(57) Abstract:

Embodiments of the invention are related to anion exchange membranes used in electrochemical metal air cells in which the membranes function as the electrolyte material or are used in conjunction with electrolytes such as ionic liquid electrolytes.

No. of Pages: 52 No. of Claims: 33

(19) INDIA

(22) Date of filing of Application :12/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: TOY BUILDING SET

(51) International classification (71)Name of Applicant: :A63H33/08 1)LEGO A/S (31) Priority Document No :PA 2011 70361 Address of Applicant : Aastvej 1 DK 7190 Billund Denmark (32) Priority Date :05/07/2011 (33) Name of priority country (72)Name of Inventor: :Denmark 1)LAURSEN Kenneth Wested (86) International Application No :PCT/DK2012/050250 Filing Date :04/07/2012 (87) International Publication No :WO 2013/004245 (61) Patent of Addition to Application :NA :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(21) Application No.10695/DELNP/2013 A

(57) Abstract:

A toy building set comprising a number of moulded building elements and where the toy building set furthermore comprises at least one layered building element being designed by building layer on layer of plastic material like in 3D printing and being provided with coupling parts by which the layered building element can be coupled together with one or more of the moulded building elements. In that the coupling parts of the layered building element are designed incompatibly with the male and female coupling parts of the moulded building elements and in that the toy building set furthermore comprises a number of moulded adapter elements having coupling parts that are designed compatibly in view of coupling together with the male and/or female coupling parts of the moulded building elements as well as coupling parts that are designed compatibly with the coupling parts of the layered building element it is made possible to obtain a stable releasable coupling of the layered building element of one or more of the moulded building elements.

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

(21) Application No.10977/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :20/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: CATALYST FOR EXHAUST GAS PURIFICATION

(51) International classification	:B01J23/63,B01D53/94,F01N3/10	(71)Name of Applicant:
(31) Priority Document No	:2011140237	1)TOYOTA JIDOSHA KABUSHIKI KAISHA
(32) Priority Date	:24/06/2011	Address of Applicant :1 Toyota cho Toyota shi Aichi 4718571
(33) Name of priority country	:Japan	Japan
(86) International Application	:PCT/JP2012/064184	(72)Name of Inventor:
No	:31/05/2012	1)SEGAWA Yoshihide
Filing Date	.51/03/2012	
(87) International Publication	:WO 2012/176605	
No	. W O 2012/170005	
(61) Patent of Addition to	:NA	
Application Number	:NA	
Filing Date	.1171	
(62) Divisional to Application	:NA	
Number	:NA	
Filing Date	.1.17.1	

(57) Abstract:

The disclosed catalyst for exhaust gas purification is characterized by comprising a rhodium catalyst layer and a platinum catalyst layer and the correlation between the molar average (X) of the Pauling electronegativity calculated for the elements contained in the rhodium catalyst layer other than platinum group elements and oxygen and the molar average (Y) of the Pauling electronegativity calculated for the elements contained in the platinum catalyst layer other than platinum group elements and oxygen is 1.30 = X = 1.45 and 1.47 = Y = 2.0. By means of this catalyst for exhaust gas purification it is possible to prevent interlayer movement of the platinum and/or rhodium and alloying when the catalyst is being used and realize high exhaust gas purification performance.

No. of Pages: 30 No. of Claims: 8

(19) INDIA

(22) Date of filing of Application :20/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: POWER CONVERSION DEVICE AND DEVICE FOR CONTROLLING SAME

(51) International classification	:H02M5/293,H02M5/297	(71)Name of Applicant :
(31) Priority Document No	:NA	1)HITACHI LTD.
(32) Priority Date	:NA	Address of Applicant :6 6 Marunouchi 1 chome Chiyoda ku
(33) Name of priority country	:NA	Tokyo 1008280 Japan
(86) International Application No	:PCT/JP2011/064520	(72)Name of Inventor:
Filing Date	:24/06/2011	1)INOUE Shigenori
(87) International Publication No	:WO 2012/176327	2)KATOH Shuji
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.IVA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The purpose of the present invention is to provide a power conversion device having the reduced numbers of reactors and IGBTs and being capable of obtaining variable amplitude and variable frequency power with a simple configuration and to provide a device for controlling the power conversion device. In the present invention in order to accomplish the above purpose a reactor a first cluster that is a series body consisting of a plurality of unit cells and a second cluster that is another series body consisting of a plurality of unit cells are connected in series to constitute a leg and three sets of the leg are delta connected. The three connection points of the delta connected legs are connected to the respective three phases of first three phase AC equipment. The connection point between the first and second clusters of each leg is connected to each of the phases of second three phase AC equipment.

No. of Pages: 54 No. of Claims: 10

(21) Application No.10979/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :20/12/2013

(43) Publication Date: 26/12/2014

(54) Title of the invention : USE OF BROMIDE CONTAINING INORGANIC SALT AND ACTIVATED CARBON FOR REDUCING MERCURY EMISSIONS FROM COMBUSTION GAS STREAMS

(51) International classification
(31) Priority Document No
(32) Priority Date
(33) Name of priority country
(86) International Application No
Filing Date
(87) International Publication No
:B01D53/64,B01D53/16
:61/507426
:13/07/2011
:U.S.A.
:PCT/US2012/046468
:12/07/2012
:WO 2013/009983

:B01D53/64,B01D53/10 (71)Name of Applicant :

1)ALBEMARLE CORPORATION

Address of Applicant :451 Florida Street Baton Rouge LA

70801 U.S.A.

(72)Name of Inventor:

1)NALEPA Christopher J.

2)ZHOU Qunhui

(57) Abstract:

Compositions and processes utilizing such compositions are provided for reducing mercury emissions from combustion gases. Such compositions comprise a wood derived or coconut sheil derived activated carbon and/or a bromide containing inorganic salt such as an ammonium bromide or cafcium bromide salt.

No. of Pages: 15 No. of Claims: 5

(19) INDIA

(22) Date of filing of Application :13/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: POLYMER COMPOSITES POSSESSING IMPROVED VIBRATION DAMPING

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:13/06/2012 :WO 2012/174135 :NA :NA	(71)Name of Applicant: 1)GOODRICH CORPORATION Address of Applicant:Four Coliseum Centre 2730 West Tyvola Road Charlotte NC 28217 4578 U.S.A. (72)Name of Inventor: 1)CARTWRIGHT Craig Lawrence 2)HERNANDEZ Joshua Nathaniel 3)HORNIG Nathan Edward
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Fiber reinforced polymer composites possessing improved damping ability are provided. In one aspect the fibers provide the composite with a relatively high dynamic modulus over a broad range of frequencies for a given temperature. In another aspect the polymer may comprise a viscoelastic polymer possessing a relatively high loss factor for a given frequency and temperature. The polymer may be further tailored to control the center frequency at which the maximum loss factor of the polymer is achieved. The composite so formed exhibits a relatively small reduction in loss factor with significant increase in dynamic modulus over a broad range of frequencies for a given temperature. As a result a structure damped by the composite exhibits a relatively high constant loss factor as compared to conventional damping materials. Thus embodiments of the disclosed composites dissipate significantly more energy during each vibration cycle than conventional damping materials.

No. of Pages: 59 No. of Claims: 30

(43) Publication Date: 26/12/2014

(21) Application No.10765/DELNP/2013 A

(22) Date of filing of Application: 13/12/2013

(54) Title of the invention: COMBINATION THERAPY COMPRISING A CDK4/6 INHIBITOR AND A PI3K INHIBITOR FOR USE IN THE TREATMENT OF CANCER

(51) International :A61K31/4439,A61K31/519,A61K31/535

classification

(19) INDIA

(31) Priority Document :61/503642

(32) Priority Date :01/07/2011 (33) Name of priority :U.S.A.

country

(86) International :PCT/US2012/045199

Application No Filing Date

:02/07/2012

(87) International

:WO 2013/006532

Publication No

(61) Patent of Addition :NA to Application Number :NA Filing Date (62) Divisional to :NA

Application Number Filing Date

:NA

(71)Name of Applicant:

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(72)Name of Inventor:

1)KIM Sunkyu 2)DOSHI Shivang 3)HAAS Kristy 4)KOVATS Steven

5)HUANG Alan Xizhong

6)CHEN Yan

(57) Abstract:

A combination of a CDK4/6 inhibitor and a P3Kinase inhibitor for the treatment of cancer.

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

(21) Application No.10766/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application: 13/12/2013 (43) Publication Date: 26/12/2014

(54) Title of the invention: ON GROUND CONTROL DEVICE ON GROUND CONTROL METHOD AND COMMUNICATION METHOD IN TRAIN CONTROL SYSTEM

(51) International

:B61L3/12,H04W4/04,H04W92/22 classification

(31) Priority Document No :2011137709 (32) Priority Date :21/06/2011 (33) Name of priority country :Japan

(86) International Application :PCT/JP2012/003930

No :15/06/2012

Filing Date (87) International Publication

:WO 2012/176416

(61) Patent of Addition to :NA **Application Number** :NA

Filing Date (62) Divisional to Application :NA Number

:NA Filing Date

(71)Name of Applicant:

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1058001 Japan

(72)Name of Inventor: 1)TANUMA Hideo 2)OKIMOTO Yuichi

3)SUZUKI Mitsuaki 4)OKADA Tetsuya 5)YAMAMOTO Junko

6)SATO Shuji

(57) Abstract:

Provided are a train control system on ground control device and on vehicle control device whereby a wireless communication line is ensured in a more stable and continuous fashion between the on ground control device and the on vehicle control device. First and second wireless broadcast capable regions associated with first and second groups of pluralities of wireless base stations have a wireless broadcasting overlap region. First and second hub devices set first and second on track ascertainment zones in which the train position is ascertained on the basis of train positional information. An on track ascertainment overlap zone is set for the first and second on track ascertainment zones. In this arrangement the first and second hub devices have an inter hub data processor for transmitting on track information acquired by one of the hub devices in the on track ascertainment overlap zone to the other hub device via an inter hub network.

No. of Pages: 46 No. of Claims: 6

(21) Application No.10990/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :20/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: AQUATIC PREDATOR RESISTANT NET

 (51) International classification (31) Priority Document 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/EP2012/062549 :28/06/2012 :WO 2013/000995	(71)Name of Applicant: 1)DSM IP ASSETS B.V. Address of Applicant: Het Overloon 1 NL 6411 TE Heerlen Netherlands 2)NOREASTERN TRAWL SYSTEMS INC. (72)Name of Inventor: 1)ROBERTSON Jr. Kenneth Merrill 2)TAMURA Koji 3)VAN WUNNIK Johanna Margaretha
= ' =	:NA :NA	5) VAIN WUNNIK Johanna Margaretha
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

There is provided a net comprising a plurality of attack resistant cords joined in a net mesh wherein each attack resistant cord comprises one or more hard metal wires running at least partially along its length and one or more high tenacity yarns having a tenacity of at least 1.5N/tex.

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

(19) INDIA

(43) Publication Date : 26/12/2014

(21) Application No.10991/DELNP/2013 A

(22) Date of filing of Application :20/12/2013

(54) Title of the invention : RESIN INJECTION APPARATUS FOR DRILLING APPARATUS FOR INSTALLING A GROUND ANCHOR

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:E21D20/00 :2011902323 :14/06/2011 :Australia :PCT/AU2012/000670 :12/06/2012 :WO 2012/171056 :NA :NA	(71)Name of Applicant: 1)BROWN Shane Address of Applicant: 20 Essex Street Bayswater Western Australia 6053 Australia (72)Name of Inventor: 1)BROWN Shane
<u>e</u>	:NA :NA	
(57) A1 (

(57) Abstract:

A resin injection apparatus (19) for use in connection with a drilling apparatus (10) for installing ground anchors. The resin injection apparatus(19) comprises a fluid injector (20) adapted to be connected in fluid communication with a hollow drill shaft (21) of a drill rig (10). The fluid injector (20) can be used to inject one or more resin fluids into the drill shaft (21) wherein in use when a hole has been drilled in a rock stratum resin can be injected into the hole via the drill shaft prior to inserting a ground anchor.

No. of Pages: 21 No. of Claims: 22

(21) Application No.10803/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :16/12/2013 (43) Publication Date: 26/12/2014

(54) Title of the invention: METHOD FOR PRODUCING A FLAT STEEL PRODUCT WHICH IS PROVIDED WITH A METALLIC PROTECTIVE LAYER BY MEANS OF HOT DIP COATING

:C23C2/02 (51) International classification (31) Priority Document No :10 2011 051 731.6 (32) Priority Date :11/07/2011 (33) Name of priority country :Germany (86) International Application No :PCT/EP2012/063069 Filing Date :05/07/2012 (87) International Publication No :WO 2013/007578 (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(71)Name of Applicant:

1)THYSSENKRUPP STEEL EUROPE AG

Address of Applicant : Kaiser Wilhelm Strae 100 47166

Duisburg Germany

(72)Name of Inventor:

1)BLUMENAU Marc

2)BREHM Oliver

3)PETERS Michael

4)SCH-NENBERG Rudolf

5)WESTERFELD Andreas

6)NORDEN Martin

(57) Abstract:

For a hot dip coated flat steel product optimal wetting and adhesion of the hot dip coating are achieved by preoxidation in a DFF preheating furnace and humidification of the annealing atmosphere in a holding zone. First the flat steel product which is present at a temperature of 550 850 °C is exposed to an oxidising atmosphere which is introduced by injecting an oxygen containing gas stream into the flame of a burner for 1 15 s in a preoxidation section of the DFF furnace in order to form a covering FeO layer on the surface thereof whereas a reduced or neutral atmosphere with respect to the steel surface prevails outside the preoxidation section in the DFF furnace. The flat steel product which has been heated to a holding temperature of 600 1100 °C is then annealed in a recrystallising manner under an FeO reducing atmosphere the dew point of which is held at 40 °C to +25 °C by the addition of moisture cooled to a bath entry temperature of 420 780 °C under an atmosphere having =100 % N2 and a dew point of 80 °C bis 25 °C and passed through a melt bath.

No. of Pages: 42 No. of Claims: 15

(21) Application No.10805/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :16/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention : METHOD FOR INJECTING FUEL INTO A COMBUSTION CHAMBER OF A GAS TURBINE AND INJECTION SYSTEM FOR IMPLEMENTING SAME

(51) International classification :F23R3/14,F23R3/28,F23M99/00 (71)Name of Applicant: (31) Priority Document No :1155371 1)TURBOMECA (32) Priority Date :20/06/2011 Address of Applicant: F 64511 Bordes France (33) Name of priority country (72)Name of Inventor: :France (86) International Application 1)SAVARY Nicolas :PCT/FR2012/051368 2)VIGNAU Hubert :19/06/2012 Filing Date 3)VIGUIER Christophe (87) International Publication 4)BERAT Claude :WO 2012/175856 No (61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to Application :NA Number :NA Filing Date

(57) Abstract:

The aim of the invention is to reduce if not eliminate the combustion instabilities in a gas turbine by injecting the fuel along an axis that is off center relative to the axis of the air/fuel mixing system thereby inducing a flow of fuel that is no longer perfectly axisymmetric. Specifically an air/fuel mixing system for a gas turbine combustion chamber according to the invention comprises at least one compressed air intake swirler (2) the swirler (2) having a central axis of symmetry (X X) and a fuel injector (3) provided with an injection head (31) having an axis of symmetry (C C). Each injector (3) is mounted in the corresponding swirler (2) using guide means (23 22) such that the axis of symmetry (C C) of the injection head (31) is off center relative to the central axis of symmetry (X X) of the swirler (2).

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

(21) Application No.10806/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :16/12/2013 (43) Publication Date: 26/12/2014

(54) Title of the invention: ADHESIVE COMPOSITION FOR SOFT TISSUE AND WOUND DRESSING ADHESIVE COMPOSITION OR WOUND DRESSING COMPOSITION

(51) International classification :A61L24/00,A61L15/16 (71)Name of Applicant : (31) Priority Document No :2011112364 (32) Priority Date :19/05/2011 (33) Name of priority country :Japan

(86) International Application No :PCT/JP2012/061823 Filing Date :09/05/2012

(87) International Publication No :WO 2012/157478

(61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA 1)MITSUI CHEMICALS INC.

Address of Applicant :5 2 Higashi Shimbashi 1 chome Minato

ku Tokyo 1057117 Japan (72)Name of Inventor: 1)ASADA Noriaki 2)NARUSE Hiroshi

(57) Abstract:

To provide an adhesive composition for soft tissue and a wound dressing adhesive composition or wound dressing composition having not only low toxicity low hazardousness and high adhesive strength but also excellent ease of handling during coating and furthermore endowing the resulting film with excellent characteristics. [Solution] Produced are an adhesive composition for soft tissue and a wound dressing adhesive composition or wound dressing composition comprising a monomer (A) polymer particles (B) of a specific weight average molecular weight and a specific volume average particle diameter and a polymerization initiator composition (C) containing an organoboron compound.

No. of Pages: 102 No. of Claims: 15

(21) Application No.10807/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :16/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention : TWIN SPOOL TURBINE ENGINE DESIGN WITH HIGH PRESSURE COMPRESSOR CONNECTED TO THE LOW PRESSURE TURBINE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:F02C3/107 :1155262 :16/06/2011 :France :PCT/FR2012/051273 :07/06/2012 :WO 2012/172235 :NA :NA :NA	(71)Name of Applicant: 1)TURBOMECA Address of Applicant:BP 2 F 64510 Bordes France (72)Name of Inventor: 1)PRINCIVALLE Rmy
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(57) Abstract:

Turbine engine (10) comprising a low pressure compressor (12) a high pressure compressor (14) a low pressure turbine (20) a high pressure turbine (18) and regulating means (30) for regulating the rotational speed of the low pressure turbine (20) to a substantially constant speed. The low pressure turbine (20) is coupled by a first shaft (24) to the high pressure compressor (14) while the high pressure turbine (18) is coupled by a second shaft (26) to the low pressure compressor (12).

No. of Pages: 13 No. of Claims: 2

(21) Application No.10922/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :18/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: METHOD AND APPARATUS FOR TISSUE ABLATION

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:03/06/2012 :WO 2012/167213 :NA :NA	(71)Name of Applicant: 1)SHARMA Virender K. Address of Applicant:6531 North 60th Street Paradise Valley AZ 85253 U.S.A. (72)Name of Inventor: 1)SHARMA Virender K.
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA	
Timing Date	.11A	

(57) Abstract:

The present application discloses devices that ablate human tissue. The device comprises a catheter with a shaft through which an ablative agent can travel a liquid reservoir and a heating component which may comprise a length of coiled tubing contained within a heating element wherein activation of said heating element causes said coiled tubing to increase from a first temperature to a second temperature and wherein the increase causes a conversion of liquid within the coiled tubing to vapor a reusable cord connecting the outlet of the reservoir to the inlet of the heating component and a single use cord connecting a pressure resistant inlet port of a vapor based ablation device to the outlet of the heating component.

No. of Pages: 84 No. of Claims: 20

(21) Application No.10923/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :19/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention : A CLAMP ASSEMBLY AND A CLAMP ELEMENT ESPECIALLY FOR CLAMPING BUOYANCY ELEMENTS TO PIPELINE RISERS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:2011902051 :26/05/2011 :Australia	(71)Name of Applicant: 1)MATRIX COMPOSITES & ENGINEERING LTD Address of Applicant: 150 Quill Way Henderson W.A. 6166 Australia (72)Name of Inventor: 1)KINGSTON James Francis William 2)HOWARD Christopher David
- 1 000000		

(57) Abstract:

A clamp element (10) has a T shaped body with laterally extending portions (24) on either side of a radially projecting tang (20). A plurality of the clamp elements (10) are joined together in an array to form a clamp assembly (40) with the tangs (20) facing outwardly. Straps (42) having looped ends (44) are disposed around the array. The looped ends (44) of the straps (44) are engaged with respective cross bar members (46). Adjacent cross bar members (46) are connected together by means of a threaded bar (50) which is arranged to tighten the straps (42) around the array of clamp elements (10).

No. of Pages: 17 No. of Claims: 13

(21) Application No.10924/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :19/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention : PROCESS FOR THE PREPARATION OF 1 4 CYCLOHEXANEDIMETHANOL FROM TEREPHTHALIC ACID

(51) International :C07C29/149,C07C67/08,C07C67/303

(31) Priority Document No :13/194051 (32) Priority Date :29/07/2011

(33) Name of priority :U.S.A.

country

(86) International PCT/US2012/047795
Application No

Filing Date :23/07/2012

(87) International :WO 2013/019441

Publication No (61) Patent of Addition to

Application Number :NA Filing Date :NA

(62) Divisional to
Application Number
Filing Date
:NA
:NA

(71)Name of Applicant:

1)EASTMAN CHEMICAL COMPANY

Address of Applicant :200 South Wilcox Drive Kingsport TN

37660 U.S.A.

(72)Name of Inventor:

1)BARTON Benjamin Fredrick

2)COOK Steven Leroy 3)HOWELL Jeff Soctt

4)MCMILLAN Noah Glenn

5)SHACKELFORD Damon Bryan

6)TENNANT Brent Alan 7)TURNER Phillip Wayne

(57) Abstract:

Disclosed is a process for the preparation of 1 4 cyclohexanedimethanol from terephthalic acid. Terephthalic acid is esterified with (4 methylcyclohexyl)methanol and the terephthalate ester hydrogenated to 1 4 cyclohexanedimethanol in a 2 stage process. The (4 methylcyclohexyl)methanol that is formed during the hydrogenation step is recycled to the esterification reaction. Also disclosed is a method for purifying and recovering the 1 4 cyclohexanedimethanol product.

No. of Pages: 57 No. of Claims: 20

(21) Application No.10926/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application:19/12/2013 (43) Publication Date: 26/12/2014

(54) Title of the invention: OPTICAL INFORMATION RECORDING MEDIUM

(51) International :G11B7/24035,G11B7/24076,G11B7/244 classification

(31) Priority Document :2012101660

No

(32) Priority Date :26/04/2012 (33) Name of priority :Japan

country

(86) International :PCT/JP2013/062146 Application No

:18/04/2013 Filing Date

(87) International :WO 2013/161916 **Publication No**

(61) Patent of Addition :NA to Application Number :NA Filing Date

(62) Divisional to :NA **Application Number** :NA Filing Date

(71)Name of Applicant: 1)SONY CORPORATION

Address of Applicant: 17 1 Konan Minato ku Tokyo 1080075

Japan

(72)Name of Inventor: 1)TAKEUCHI Atsushi 2)OWADA Katsuya

(57) Abstract:

In the present invention an optical information recording medium is provided with a substrate having depressions in the surface thereof a recording layer and a reflective layer. A decrease in reflectivity can be suppressed by utilizing the combination of the ranges of the optical density of the recording layer and the depth of the depressions in the substrate.

No. of Pages: 46 No. of Claims: 7

(21) Application No.10927/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application:19/12/2013 (43) Publication Date: 26/12/2014

(54) Title of the invention: PROCESS FOR THE PREPARATION OF 14 CYCLOHEXANEDIMETHANOL

(51) International :C07C29/149,C07C67/08,C07C67/303 classification

(31) Priority Document No :13/194024

(32) Priority Date :29/07/2011 (33) Name of priority :U.S.A.

country

(86) International :PCT/US2012/047792

Application No Filing Date

(87) International :WO 2013/019439 Publication No

(61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to

:23/07/2012

:NA

Application Number :NA Filing Date

(71)Name of Applicant:

1) EASTMAN CHEMICAL COMPANY

Address of Applicant :200 South Wilcox Drive Kingsport TN

37660 U.S.A.

(72)Name of Inventor:

1)BARTON Benjamin Fredrick

2)COOK Steven Leroy 3)HOWELL Jeff Scott 4)MCMILLAN Noah Glenn

5)SHACKELFORD Damon Bryan

6)TENNANT Brent Alan 7) TURNER Phillip Wayne

(57) Abstract:

Disclosed is a process for the preparation of 1 4 cyclohexanedimethanol from terephthalic acid. Terephthalic acid is esterified with (4 methylcyclohexyl)methanol and the terephthalate ester hydrogenated to 1 4 cyclohexanedimethanol in a 2 stage process. The (4 methylcyclohexyl)methanol that is formed during the hydrogenation step is recycled to the esterification reaction. After removal of the (4 methylcyclohexyl)methanol from the crude hydrogenation product the 1 4 cyclohexanedimethanol product can be recovered and purified by a phase separation and distillation.

No. of Pages: 55 No. of Claims: 17

(21) Application No.10841/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :17/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: OPTICAL SENSING DEVICE FOR FLUID SENSING AND METHODS 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 	:G01F23/292 :61/520308 :07/06/2011 :U.S.A. :PCT/US2012/041431 :07/06/2012 :WO 2012/170743 :NA :NA	(71)Name of Applicant: 1)MEASUREMENT SPECIALTIES INC. Address of Applicant:1000 Lucas Way Hampton VA 23666 U.S.A. (72)Name of Inventor: 1)COATES John 2)QUALLS Robert
Filing Date	:NA	

(57) Abstract:

An optical spectral sensing device for determining at least one property of a fluid. The device has an elongated porous body a first end and a second end a solid state optical emitter at the first end of the body oriented to emit radiation toward the second end of the body and a solid state optical detector at the second end of the body oriented to detect radiation emitted by the optical emitter. A package for detecting properties of a fluid includes a body defining a cavity with a movable and biased carrier for an optical detector or emitter mounted in the cavity for increased reliability. A system for determining relative concentrations of fluids in a sample includes emitter/detector pairs operating at reference wavelength and wavelengths corresponding to absorption peaks of at least two fluids and a processor for determining concentration based on measured data and calibration data.

No. of Pages: 58 No. of Claims: 27

(21) Application No.10844/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application: 17/12/2013 (43) Publication Date: 26/12/2014

(54) Title of the invention: ADAPTIVE MACHINING METHOD FOR SMELTED BLADES

:G05B19/4097,G06T17/20 (71)Name of Applicant : (51) International classification

(31) Priority Document No :1155424 (32) Priority Date :21/06/2011 (33) Name of priority country :France

(86) International Application No :PCT/FR2012/051421

Filing Date :21/06/2012 (87) International Publication No :WO 2012/175882

(61) Patent of Addition to Application :NA :NA Filing Date

(62) Divisional to Application Number :NA Filing Date

1)SNECMA

Address of Applicant :socit anonyme 2 Boulevard du Gnral

Martial Valin F 75015 Paris France

(72)Name of Inventor:

1)LOUESDON Yvon Marie Joseph

2)TAMI LIZUZU Joseph 3)QUACH Daniel 4)WEHRER Patrick 5)LEGEAI Didier

(57) Abstract:

The invention relates to a method for finishing the shape of a turbine engine blade by machining in which one area (8) is produced by smelting with a thickened portion said thickened portion forming a first surface (10) with the surrounding profile and the theoretical profile being defined by a second surface (11) characterised in that it includes the following steps: defining on the second surface (11) a grid (13) forming nodes and squares; defining each point (P) over which the machining tool (20) is to pass according to weighting coefficients (Cpi) equal to the weight to be given to the nodes (Ni) of the square in which the tool is located in order to be the barycentre of said assigned nodes of said coefficients; measuring for each node Ni located outside the outer limit (12) the delta (Ni) between the first surface (10) at said node and the theoretical position of the node; calculating the deltas (Nj) for each node Nj located within the outer limit (12) by means of interpolation from the already known deltas; using said weighting coefficients (Cpi) defining the delta (P) to be applied at each point P according to the weighted sum of the deltas (Ni) of the nodes of the square to which said point P belongs.

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

(21) Application No.10845/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :17/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: METHOD FOR PREPARING A POLYVALENT IMMUNOGLOBULIN CONCENTRATE

:C07K16/06,C07K1/36 (71)Name of Applicant : (51) International classification (31) Priority Document No 1)LABORATOIRE FRANCAIS DU FRACTIONNEMENT :11/56285 (32) Priority Date ET DES BIOTECHNOLOGIES :11/07/2011 (33) Name of priority country :France Address of Applicant : ZA de Courtaboeuf 3 avenue des (86) International Application No :PCT/EP2012/063549 tropiques F 91940 Les Ulis France Filing Date :11/07/2012 (72)Name of Inventor: (87) International Publication No :WO 2013/007740 1)CHTOUROU Abdessatar (61) Patent of Addition to Application 2)BATAILLE Damien :NA 3)MICHAUX Georges :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract:

The present application relates to a method for preparing a polyvalent immunoglobulin concentrate with a view to using same in therapeutics from an initial blood plasma solution or an immunoglobulin enriched plasma fraction including the steps of: removing the protein contaminants by means of precipitation in caprylic acid so as to obtain a protease free solution; and separating the protease free solution by means of chromatography in a fluidized bed said method making it possible to obtain a human polyvalent immunoglobulin concentrate at a yield of more than 4.5 grams of immunoglobulins per liter of blood plasma used.

No. of Pages: 39 No. of Claims: 17

(21) Application No.10846/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :17/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: METHOD OF ENCAPSULATION AND IMMOBILIZATION

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:B01J13/02 :61/502574 :29/06/2011 :U.S.A. :PCT/US2012/044932 :29/06/2012 :WO 2013/003722 :NA :NA :NA	(71)Name of Applicant: 1)THE UNIVERSITY OF AKRON Address of Applicant:302 E. Buchtel Common Akron Ohio 44325 U.S.A. (72)Name of Inventor: 1)JU Lu Kwang 2)ANOZIE Uchechukwu
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(57) Abstract:

A method for encapsulating a material comprises the steps of choosing a material to encapsulate, placing the material o into a material solvent to form a material solution, and forming a primary emulsion of the material solution in an immiscible liquid medium that is immiscible with the material solvent, the material solution serving as the disperse phase. The immiscible liquid medi o um serves as the continuous phase of the primary emulsion, wherein the immiscible liquid medium contains an encapsulating agent dissolved therein, and the encapsulating agent can be crosslinked. The primary emulsion is added as droplets into a crosslinking me dium, and thereafter the crosslinking of the encapsulating agent is activated to form the droplets into beads.

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

(21) Application No.10809/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :16/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: TOOTHBRUSH AND REFILL HEAD FOR THE SAME

(51) International classification	:A61C17/22,A61C17/34	(71)Name of Applicant :
(31) Priority Document No	:61/506996	1)COLGATE PALMOLIVE COMPANY
(32) Priority Date	:12/07/2011	Address of Applicant :300 Park Avenue New York New York
(33) Name of priority country	:U.S.A.	10022 U.S.A.
(86) International Application No	:PCT/US2012/023768	(72)Name of Inventor:
Filing Date	:03/02/2012	1)FATTORI Joseph E.
(87) International Publication No	:WO 2013/009359	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.IVA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A refill head and an oral care implement including the same wherein the refill head comprises a tubular sleeve having a cavity. First and second upper cam surfaces are provided in the cavity that form transverse shoulders within the cavity. The first and second upper cam surfaces are separated by first and second axial slots through which first and second bosses of a stem of a handle of the oral care implement can be passed.

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

(21) Application No.10810/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :16/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: IMPROVED BARRIER CONSTRUCTION

		(71)Name of Applicant:
		1)INDUSTRIAL GALVANIZERS CORPORATION PTY
(51) International classification	:E01F15/02,E01F15/04	LTD
(31) Priority Document No	:2011902086	Address of Applicant :C/ Ingal Civil Products 57 65 Airds
(32) Priority Date	:30/05/2011	Road Minto New South Wales 2566 Australia
(33) Name of priority country	:Australia	(72)Name of Inventor:
(86) International Application No	:PCT/AU2012/000544	1)COLQUHOUN Terry
Filing Date	:16/05/2012	2)WALLACE Hayden
(87) International Publication No	:WO 2012/162723	3)DIEHL Andrew Karl
(61) Patent of Addition to Application	:NA	4)ALLINGTON Christopher James
Number		5)WILLIAMSON Chris
Filing Date	:NA	6)WHITESIDE Mark
(62) Divisional to Application Number	:NA	7)HARE Henry John
Filing Date	:NA	8)VON TOOR Wouter
-		9)AYRES Ryan
		10)RAFFERTY John

(57) Abstract:

A roadway, guard rail or safety barrier having a post and beam con struction wherein the beam is mounted to the post by means of a carriage, the beam being secured to the carriage by a securement means, the carriage being adapted to travel longitudinally relative to the post in the event of a collision, the post further including at least one carriage support means, and one or more engagement means on an outer face of the post, the engagement means being adapted to be engaged by the securement means to provide resistance to movement of the carriage with re spect to the post, wherein the carriage is sized and shaped so as to not engage or to minimise engagement with the engagement means during the movement.

No. of Pages: 74 No. of Claims: 47

(21) Application No.10811/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :16/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: METAL COATED STEEL STRIP

(51) International classification: C23C2/04, C23C22/77, C23C22/70 (71) Name of Applicant:

(31) Priority Document No :2012903281 (32) Priority Date :01/08/2012

(33) Name of priority country : Australia

(86) International Application :PCT/AU2013/000843

Filing Date :31/07/2013

(87) International Publication :WO 2014/019020

No (61) Patent of Addition to

(61) Patent of Addition to
Application Number
Filing Date
(62) Physician Let Application

(62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract:

1)BLUESCOPE STEEL LIMITED

Address of Applicant :Level 11 120 Collins Street Melbourne
Victoria 3000 Australia
(72)Name of Inventor:

1)LIU Qiyang

A metallic coated steel strip includes a steel strip and a metallic coating on at least one side of the strip. The metallic coating includes an Al Zn Mg Si overlay alloy layer and an intermediate alloy layer between the steel strip and the overlay alloy layer. The intermediate alloy layer has a composition of by weight 4.0 12.0% Zn 6.0 17.0% Si 20.0 40.0% Fe 0.02 0.50% Mg and balance Al and unavoidable impurities.

No. of Pages: 35 No. of Claims: 26

(21) Application No.10813/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :16/12/2013 (43) Publication Date: 26/12/2014

(54) Title of the invention: POLYSACCHARIDE BASED HYDROGEL POLYMER AND USES THEREOF

(51) International classification: C08J3/24,A01N25/10,A61K47/36 (71)Name of Applicant:

:WO 2012/162840

(31) Priority Document No :61/492995 (32) Priority Date :03/06/2011 (33) Name of priority country :U.S.A.

(86) International Application

:PCT/CA2012/050369 No :01/06/2012 Filing Date

(87) International Publication

(61) Patent of Addition to **Application Number** :NA Filing Date

:NA :NA

:NA

(62) Divisional to Application Number Filing Date

1)GU Frank

Address of Applicant: 122 110 Highland Road East Kitchener

Ontario N2M 3S1 Canada 2)VERMA Mohit Singh 3)DAVIDSON Drew William

4) LEHTOVAARA Benjamin Charles

(72)Name of Inventor:

1)GU Frank

2)VERMA Mohit Singh 3)DAVIDSON Drew William

4)LEHTOVAARA Benjamin Charles

(57) Abstract:

A method of preparing a hydrogel for delivery of an active agent. The method includes providing an aqueous solution that includes the active agent; dispersing or dissolving a gel forming polymer in the aqueous solution to form a polymer solution; and cross linking the polymer in the polymer solution to form the hydrogel which encapsulates the active agent.

No. of Pages: 58 No. of Claims: 72

(21) Application No.10814/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :16/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: FUEL CELL SYSTEM AND METHOD FOR CONTROLLING FUEL CELL 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 	:17/06/2011 :WO 2012/172678 :NA :NA	(71)Name of Applicant: 1)TOYOTA JIDOSHA KABUSHIKI KAISHA Address of Applicant: 1 Toyota cho Toyota shi Aichi 4718571 Japan (72)Name of Inventor: 1)ISHIKAWA Yuji
Filing Date	:NA	

(57) Abstract:

In order to improve the ability of draining water within a fuel cell at the time of starting at a temperature below the freezing temperature to improve the output of the fuel cell and to improve the efficiency of electricity generation a fuel cell system which generates electricity using fuel gas and oxidizing agent gas is configured in such a manner that the output of the fuel cell is measured at the time when the temperature of the fuel cell after starting at a temperature below the freezing temperature exceeds zero and if the output is lower than or equal to a reference output value pressure pulsation is applied to the cathode electrode to discharge water retained within the fuel cell.

No. of Pages: 27 No. of Claims: 6

(21) Application No.10815/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :16/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: INDUCTOR AND MANUFACTURING METHOD THEREFOR

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:NA :NA :NA :PCT/JP2011/064686 :27/06/2011 :WO 2013/001591 :NA :NA	(71)Name of Applicant: 1)TOYOTA JIDOSHA KABUSHIKI KAISHA Address of Applicant: 1 Toyota cho Toyota shi Aichi 4718571 Japan (72)Name of Inventor: 1)UENO Yasuhiro 2)NOMIZO Fumio
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

An inductor that has the following: an inductor core comprising a plurality of core members arranged in a ring with gaps therebetween; primary insert molded resin parts comprising a thermoplastic resin covering the outside surface of the inductor core excluding the surfaces of the core members that face each other; coils disposed around the aforementioned gaps and the primary insert molded resin parts on the inductor core; and secondary insert molded resin parts comprising a thermoplastic resin insert molded around the coils to affix said coils to the inductor core. This allows high cycle manufacturing of inductors without a thermosetting resin potting step in a vacuum furnace or a heat curing treatment in a heating furnace.

No. of Pages: 40 No. of Claims: 8

(19) INDIA

(22) Date of filing of Application :13/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: MULTI DATA TYPE COMMUNICATIONS SYSTEM

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:G06F15/16 :61/486531 :16/05/2011 :U.S.A. :PCT/US2012/038054 :16/05/2012 :WO 2012/158750 :NA :NA	(71)Name of Applicant: 1)TALKO INC. Address of Applicant:2125 First Avenue #3202 Seattle WA 98121 U.S.A. (72)Name of Inventor: 1)OZZIE Raymond E.
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(21) Application No.10770/DELNP/2013 A

(57) Abstract:

Methods and systems for integrated communications are provided. In one embodiment a request to initiate a call via a channel is received. A call participant set associated with the channel is identified. A sequence of communications associated with the call is received. The sequence of communications includes at least a real time media data type and a posted data type. The sequence of communications is transmitted to the call. Other methods and systems are described.

No. of Pages: 62 No. of Claims: 68

(21) Application No.10771/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :13/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: METHOD FOR POST HARVEST TREATING CITRUS FRUIT

(51) International classification: A23B7/00,A23B7/022,A23B7/02 (71)Name of Applicant: (31) Priority Document No :11166445.4 1)ADAMANT INNOTECH SA (32) Priority Date :17/05/2011 Address of Applicant : Eplatures Grises 17 CH 2300 La Chaux (33) Name of priority country de Fonds Switzerland :EPO (72)Name of Inventor: (86) International Application :PCT/EP2012/059100 1)GOBET Jean No :16/05/2012 Filing Date 2)ZAVANELLA Ciro (87) International Publication 3)HERMANT Nicolas :WO 2012/156438 4)COMNINELLIS Christos (61) Patent of Addition to 5) IPPOLITO Antonio :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 post harvest treating citrus fruit comprising a step of washing citrus fruit said step of washing citrus fruit comprising: a) a step of bringing water into contact with citrus fruit; b) a step of electrolyzing said water which has been brought into contact with citrus fruit; and c) a step of using said electrolyzed water as washing water of the citrus fruit.

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

(21) Application No.10775/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :13/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention : METHOD AND APPARATUS FOR PRE LOADING INFORMATION OVER A COMMUNICATION NETWORK

(51) International classification :H04W28/08,H04N21/6332,H04W4/24

(31) Priority Document No:NA
(32) Priority Date :NA
(33) Name of priority
country :NA

(86) International :PCT/CA2011/050398

Application No Filing Date :PCA20

(87) International Publication No :WO 2013/000059

(61) Patent of Addition to
Application Number
Filing Date
(62) Divisional to

(62) Divisional to Application Number Filing Date :NA (71)Name of Applicant:

1)ROCKSTAR CONSORTIUM US LP

Address of Applicant :Legacy Town Center 1 7160 North Dallas Parkway Suite No. 250 Plano TX 75024 U.S.A.

(72)Name of Inventor: 1)WIDDOWSON Scott

2)EDWARDS Keith

(57) Abstract:

Data is downloaded to a wireless device before needed by the user. The data may be downloaded before needed for example while connected to a high bandwidth network slowly over a bandwidth constrained network during a time when the network is not busy or when the network operator has reduced tariff for data usage. The data may be downloaded contiguously or may updated over a period of time. At a later point in time the previously downloaded data is used to provide information to the user without requiring contemporaneous information transmission on the wireless network.

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

(21) Application No.10776/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application: 13/12/2013 (43) Publication Date: 26/12/2014

(54) Title of the invention: CYTOTOXIC T LYMPHOCYTE INDUCING IMMUNOGENS FOR PREVENTION TREATMENT AND DIAGNOSIS OF DENGUE VIRUS INFECTION

(51) International :A61K39/12,A61K38/00,A61K38/08 classification

(31) Priority Document No :61/502365

(32) Priority Date :29/06/2011

(33) Name of priority :U.S.A. country

(86) International :PCT/US2012/044625

Application No :28/06/2012 Filing Date

(87) International

:WO 2013/003579 Publication No

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to :NA **Application Number** :NA Filing Date

(71)Name of Applicant: 1)IMMUNOTOPE INC.

Address of Applicant : The Pennsylvania Biotechnology Center

3805 Old Easton Road Doylestown PA 18902 U.S.A.

(72)Name of Inventor: 1)PHILIP Ramila

(57) Abstract:

Dengue Fever (DF) and Dengue Hemorrhagic Fever (DHR) are significant global public health problems and understanding the overall immune response to infection will contribute to appropriate management of the disease and its potentially severe complications. Live attenuated and subunit vaccine candidates which are under clinical evaluation induce primarily an antibody response to the virus and minimal cross reactive T cell responses. Currently there are no available tools to assess protective T cell responses during infection or post vaccination. The disclosure incorporates immunoproteomics to uncover novel HLA A2 specific epitopes derived from Dengue Virus (DV) infected cells. These epitopes are conserved with epitope specific CTLs cross reacting against all four DV serotypes. These epitopes have potential as new informational and diagnostic tools to characterize T cell immunity in Dengue virus (DV) infection and serves as a universal vaccine candidate complementary to current vaccines.

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

(21) Application No.10777/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :13/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: CLUTCH ARRANGEMENT AND ACTUATION METHOD

(51) International classification :F16D27/112,F16D35/02,F16D47/06

(31) Priority Document No :10 2011 050 366.8

(32) Priority Date :13/05/2011
(33) Name of priority

country :Germany

(86) International :PCT/EP2012/058609

Application No Filing Date :10/05/2012

(87) International :WO 2012/156264

Publication No
(61) Patent of Addition to
Application Number
Filing Date
:NA

(62) Divisional to
Application Number
Filing Date
:NA
:NA

(71)Name of Applicant:

1)KENDRION LINNIG GMBH

Address of Applicant: Riedheimerstrae 5 88677 Markdorf

Germany

(72)Name of Inventor:
1)TILLY Christian

(57) Abstract:

The invention relates to a clutch arrangement (1) for transmitting a drive torque from a drive shaft (2) to a secondary assembly in particular to a fan wheel (11) of a motor vehicle comprising a drive shaft (2) an output (10) and a friction disc clutch (12) which can be shifted by means of an electromagnetic arrangement (13). According to the invention there is provision that the clutch arrangement (1) comprises in addition to the friction disc clutch (12) for transmitting torque from the drive shaft (2) to the output (10) a fluid friction clutch (4) whose hydraulic control valve (5) can be actuated by means of the electromagnetic arrangement (13) of the friction disc clutch (12) in order to set the slip.

No. of Pages: 28 No. of Claims: 14

(21) Application No.10895/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :18/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: READILY DISSOLVABLE SOLID NONIONIC SYNTHETIC ASSOCIATIVE THICKENER WITH DISSOLUTION PROMOTION WATER SOLUBLE ADDITIVE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	:C08G65/337 :61/512640 :28/07/2011 :U.S.A. :PCT/US2012/048481 :27/07/2012 :WO 2013/016612	(71)Name of Applicant: 1)HERCULES INCORPORATED Address of Applicant:500 Hercules Road Wilmington DE 19808 U.S.A. (72)Name of Inventor: 1)NGUYEN Tuyen T. 2)BHARGAVA Prachur
(61) Patent of Addition to ApplicationNumberFiling Date	:NA :NA	3)GILLETTE Paul C.
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The presently disclosed and claimed inventive concept(s) relates to a particulate product. The particulate product comprises a nonionic synthetic associative thickener NSAT) rheology modifier and a dissolution promotion water soluble additive. The NSAT rheology modifier is selected from the group consisting of hydrophobically-modified ethoxyfated urethane (HEIJR), hy- 3/4 drophobically-modified polyethylene glycol (HMPEG), and hydrophobically-modified polyacetal-polvether (HMPAPE). The partic - ulate product is incorporated into a waterborne paint formula.

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

(21) Application No.10896/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :18/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: COLLAPSIBLE TIRE METHOD FOR COLLAPSING SAME AND USE THEREOF

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:B60C3/08 :1156414 :13/07/2011 :France :PCT/EP2012/062493 :27/06/2012 :WO 2013/007524 :NA	2)MICHELIN RECHERCHE ET TECHNIQUE S.A. (72)Name of Inventor: 1)BESTGEN Luc
	:NA :NA :NA :NA	

(57) Abstract:

The invention relates to a collapsible tire for a vehicle comprising at least one carcass reinforcement (5) having a non stretchable crown reinforcement (4) mounted on the radially outward side thereof said crown reinforcement being arranged radially inside a tread (2) each of said reinforcements (4 5) consisting of at least one layer of reinforcing elements said tread (2) being connected to two beads (6) via two sidewalls (8) wherein said beads (6) are to contact a rim each bead (6) comprising at least one circumferential reinforcing element (3) referred to as a bead core said bead core (3) defining a mean line forming a substantially circular closed curve in a circumferential plane. The bead core (3) of each bead (6) is flexible and includes at least one concave portion P having a smallest radius R and a center of curvature C. The invention also relates to a method for collapsing the tire and to a use of the tire.

No. of Pages: 34 No. of Claims: 13

(19) INDIA

(22) Date of filing of Application: 18/12/2013 (43) Publication Date: 26/12/2014

:NA

(54) Title of the invention: MOBILE COMMUNICATIONS NETWORK INFRASTRUCTURE EQUIPMENT AND METHOD

(51) International classification :H04W4/14,H04W4/00 (71)Name of Applicant : 1)SCA IPLA HOLDINGS INC. (31) Priority Document No :1113145.5 (32) Priority Date Address of Applicant :550 Madison Avenue New York 10022 :29/07/2011 (33) Name of priority country :U.K. (86) International Application No :PCT/GB2012/051764 (72)Name of Inventor: Filing Date :23/07/2012 1)BARRETT Stephen John (87) International Publication No :WO 2013/017839 (61) Patent of Addition to Application :NA :NA Filing Date (62) Divisional to Application Number :NA Filing Date

(57) Abstract:

A mobile communications network communicates data packets to or from one or more mobile communications terminals. The mobile communications network comprises a radio network part including a plurality of base stations for communicating data packets to or from the mobile communications terminals via a radio access interface and a core network part which is configured to communicate the data packets to destination addresses from the radio network part or to communicate the data packets to the radio network part from source addresses. The mobile communications network is configured to establish communications bearers for communicating the data packets to or from the mobile communications terminals via the radio network part and the core network part each of the communications bearers being established using context information associated with one or more connections from the mobile communications terminals to the destination addresses or to the mobile communications terminals from source addresses. One of the mobile communications terminals is configured when in an idle state to communicate a short message data packet to the base station of the radio network part as a signalling message using predetermined parameters for configuring a transmitter of the mobile communications terminal which correspond with parameters with which a receiver in the base station is configured to receive the short message data packet the short message data packet including an indication of context information for use by the mobile communications network for communicating the short message data packet to a mobility manager of the mobile communications network. A short message data packet can therefore be communicated in a context less or quasi context less manner without a communications bearer being established thereby reducing an amount of signalling overhead required which can be an efficient way of communicating relatively small amounts of data.

No. of Pages: 72 No. of Claims: 19

(19) INDIA

(22) Date of filing of Application :17/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: METHOD FOR ASSESSING CONDITION OF FIBERS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:G01N33/483 :61/512762 :28/07/2011 :U.S.A. :PCT/US2012/048456 :27/07/2012 :WO 2013/016604 :NA :NA	(71)Name of Applicant: 1)THE PROCTER & GAMBLE COMPANY Address of Applicant: One Procter & Gamble Plaza Cincinnati Ohio 45202 U.S.A. (72)Name of Inventor: 1)MORITA Naoriho
(61) Patent of Addition to Application	:NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(21) Application No.10847/DELNP/2013 A

(57) Abstract:

Disclosed herein is a method for assessing damages of keratin fibers using a mesh. Said methods are useful for as o sessing the degree of damages of keratin fibers and also to compare the damages of fibers of different origin, different portions of fibers and/or fibers treated with different cosmetic, chemical and/or mechanical treatments. Said methods are also useful for support ing advertising claims about the efficacy of a treatment.

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

(19) INDIA

(22) Date of filing of Application :17/12/2013

(21) Application No.10848/DELNP/2013 A

(43) Publication Date: 26/12/2014

(54) Title of the invention: SURGICAL FASTENING

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	:A61B17/04 :61/492497 :02/06/2011 :U.S.A. :PCT/US2012/040538 :01/06/2012 :WO 2012/167138	(71)Name of Applicant: 1)SMITH & NEPHEW INC. Address of Applicant:1450 Brooks Road Memphis Tennessee 38116 U.S.A. (72)Name of Inventor: 1)SIKORA George J. 2)SULLIVAN James Joseph
2		, ,

(57) Abstract:

A surgical device (100) includes a first fastener (102) having a planar profile, a second fastener (104) having a con cave surface, and a suture (106) that can be manipulated to change a distance between the first and second fasteners. The second fastener has a curvature that substantially matches the curvature of a top surface of a clavicle bone in a direction perpendicular to a long axis of the clavicle bone. A method of treating an acromioclavicular joint injury includes forming axially aligned passages through a patients clavicle and coracoid process, passing a fastener having a concave surface through the passages, positioning the concave surface of the fastener against a top surface of the patients clavicle with a long axis of the fastener extending perpendicular to a long axis of the clavicle, positioning a fastener having a planar profile below the patients coracoid process, and adjusting a su ture that couples the fasteners.

No. of Pages: 39 No. of Claims: 28

(21) Application No.10849/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application: 17/12/2013 (43) Publication Date: 26/12/2014

(54) Title of the invention: PROCESS FOR PRODUCTION OF NANOPARTICLES OF SOLID LUBRICANT AND LUBRICANT DISPERSIONS STABLE IN OIL AND IN WATER

(51) International $:\!C01G39/06,\!C01G41/00,\!B82Y30/00$

classification (31) Priority Document No

:PI11034491

(32) Priority Date

:12/07/2011

(33) Name of priority country:Brazil

(86) International Application No

:PCT/BR2012/000241

Filing Date

:12/07/2012

(87) International Publication :WO 2013/006936

(61) Patent of Addition to

Application Number

:NA :NA

Filing Date (62) Divisional to

Application Number

Filing Date

:NA

:NA

(71)Name of Applicant:

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Address of Applicant : Avenida das Na§ues Unidas 12.995 32°

2)UNIVERSIDADE FEDERAL DE SANTA CATARINA

andar Brooklin Novo 04578 000 S£o Paulo SP Brazil

(UFSC)

(72)Name of Inventor:

1)BINDER Roberto

2)TORRES Fernando Withers

3)DRAGO Valderes

4)BERNARDI Cristian

5)KLEIN Alosio Nelmo

6)BINDER Cristiano

7)TEIXEIRA Andr Messias

(57) Abstract:

The process basically comprises: dissolving a lamellar disulphide, as a source of the solid lubricant, in an aqueous solvent, forming a first aqueous solution; dissolving a reducing agent, as hydroxylamine, sodium hypophosphite or sodium boro - o hydride, in an aqueous solvent, forming a second aqueous solution; mixing the first and second aqueous solutions, forming a third aqueous solution; neutralizing the pH of the third aqueous solution; dissolving a sulphur source, in an aqueous solvent, forming a of ourth aqueous solution; mixing the third and fourth aqueous solutions, forming a fifth aqueous solution, which is contained and heated in an autoclave; cooling the fifth aqueous solution to the room temperature; and removing, from the autoclave, the nano - particles in powder form.

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

(21) Application No.11040/DELNP/2013 A

(19) INDIA

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

(43) Publication Date: 26/12/2014

(54) Title of the invention: APPARATUS TO ELIMINATE BACK DRIVE IN PUSH PULL SYSTEM OF ROTOR AIRCRAFT AND RELATED METHODS

(51) International

:B64C13/00,B64C13/40,B64C27/00 classification

(31) Priority Document No :61/501045 (32) Priority Date :24/06/2011 (33) Name of priority country: U.S.A.

(86) International Application :PCT/US2012/044047

No :25/06/2012 Filing Date

(87) International Publication: WO 2012/178181

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to Application :NA Number :NA

Filing Date

(71)Name of Applicant:

1)CARTER AVIATION TECHNOLOGIES LLC

Address of Applicant: 2730 Commerce Street Suite 600

Wichita Falls TX 76301 U.S.A.

(72)Name of Inventor: 1) CARTER Jay W. 2) ROBINSON M. Keith

3)LEWIS Jeffrey R.

(57) Abstract:

Apparatus and methods for eliminating back drive in a push pull type control system, are provided. An ex emplary apparatus includes a control rod (31)including a pair of spaced apart piston displacement members (67,69) each configured to carry a check valve (83,87). The apparatus also includes a pair of opposite-face check valves (83,87) each configured to seal against respective opposing face of a pis ton head (45) to form a hydraulic lock, preventing back drive in the control system.

No. of Pages: 24 No. of Claims: 21

(21) Application No.11041/DELNP/2013 A

(19) INDIA

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

(43) Publication Date: 26/12/2014

(54) Title of the invention: LUMINESCENT PHOSPHOR COMPOUNDS ARTICLES INCLUDING SUCH COMPOUNDS AND METHODS FOR THEIR PRODUCTION AND USE

(51) International

:G01N21/64,G07D7/06,C09K11/00

classification

:61/508295 (31) Priority Document No

(32) Priority Date

:15/07/2011

(33) Name of priority country: U.S.A. (86) International Application

:PCT/US2012/046381

No

Filing Date

:12/07/2012

(87) International Publication

:WO 2013/012656

(61) Patent of Addition to :NA **Application Number** :NA

Filing Date

(62) Divisional to Application :NA Number :NA

Filing Date

(71)Name of Applicant:

1)HONEYWELL INTERNATIONAL INC.

Address of Applicant: 101 Columbia Road Bldg. MEY 4

Morristown New Jersey 07962 U.S.A.

(72)Name of Inventor:

1)LAU Carsten

2)KANE James

3)RAPOPORT William Ross

(57) Abstract:

Embodiments include luminescent phosphor compounds that include one or more emitting ions and one or more dis - turbing ions, and methods for their production. An emitting ion in the compound may be characterized by a first decay time constant when the emitting ion is undisturbed. However, a corresponding disturbing ion in the compound, which is different from the emit ting ion, causes the emitting ion to have a pre-defined, target disturbed decay time constant that is greater than zero and less than the first decay time constant. An embodiment of an authentication system is configured to measure the decay time constant of a phos - phor compound applied to an article, and to determine whether the decay time constant corresponds to a phosphor compound that in cludes a particular disturbing ion (e.g., in order to determine whether or not the article is authentic).

No. of Pages: 33 No. of Claims: 10

(21) Application No.10832/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :16/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: CONVEYOR BELT MODULE WITH FIXED AXLES

(51) International classification	:B65G17/24	(71)Name of Applicant :
(31) Priority Document No	:13/113538	1)LAITRAM L.L.C.
(32) Priority Date	:23/05/2011	Address of Applicant :Legal Department 200 Laitram Lane
(33) Name of priority country	:U.S.A.	Harahan Louisiana 70123 U.S.A.
(86) International Application No	:PCT/US2012/038821	(72)Name of Inventor:
Filing Date	:21/05/2012	1)MACLACHLAN Gilbert J.
(87) International Publication No	:WO 2012/162233	2)WEISER David C.
(61) Patent of Addition to Application	:NA	3)MILLER Abraham L.
Number	:NA	4)KNOTT Errol P.
Filing Date	.11/1	5)DEROCHE Timothy J.
(62) Divisional to Application Number	:NA	6)MARTIN Jude G.
Filing Date	:NA	

(57) Abstract:

A modular roller top conveyor belt and rollers for the belt. The roller top belt has axles that are fixed relative to the module body. Each of the pieces of the multi piece rollers can be installed radially onto an axle and joined together in a puzzle pattern to form a complete roller that can rotate on the axle. Parallel ridges extending across the width of the modules add stiffness to the belt.

No. of Pages: 45 No. of Claims: 66

(21) Application No.10833/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application:16/12/2013 (43) Publication Date: 26/12/2014

(54) Title of the invention: SNAP ON CONVEYOR BELT ROLLERS

(51) International :B65G39/02,B65G17/24,B65G17/08 classification

(31) Priority Document No :13/113517 (32) Priority Date :23/05/2011

(33) Name of priority country:U.S.A.

(86) International :PCT/US2012/038820 Application No

:21/05/2012 Filing Date

(87) International Publication :WO 2012/162232 No

(61) Patent of Addition to :NA **Application Number**

Filing Date

(62) Divisional to :NA **Application Number** :NA Filing Date

:NA

(71)Name of Applicant: 1)LAITRAM L.L.C.

Address of Applicant: Legal Department 200 Laitram Lane

Harahan Louisiana 70123 U.S.A.

(72)Name of Inventor:

1)MACLACHLAN Gilbert J. 2)MILLER Abraham L. 3)WEISER David C.

(57) Abstract:

Snap on rollers for a conveyor belt. The snap on roller may be snapped onto an axle or into a cavity of a conveyor belt module. Multi piece snap on rollers can be installed radially onto an axle on a conveyor belt and joined together in a puzzle pattern to form a complete roller that can rotate on the axle.

No. of Pages: 45 No. of Claims: 49

(19) INDIA

(22) Date of filing of Application :16/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: METHOD AND APPARATUS FOR AUTHENTICATING USERS OF A HYBRID TERMINAL

(51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International	:H04L29/06,H04L29/08,H04N21/258 :NA :NA :NA :PCT/EP2011/060044	(71)Name of Applicant: 1)TEVEO INTERACTIVE GMBH Address of Applicant: Schulterblatt 58 20357 Hamburg Germany (72)Name of Inventor: 1)WAGNER Matthias 2)KARANAS Andreas
Application No Filing Date	:16/06/2011	
(87) International Publication No	:WO 2012/171568	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The invention relates to a method and an apparatus for authenticating users of a hybrid terminal (10) comprising the generation of a unique registration code (15) and a profile file (19) at least one registration step comprising the inputting of user identification data (14) the inputting and transmission of a personal identification number (16) from the Internet enabled terminal (11) to a registration server the transmission of the user identification data (14) relating to the user from the Internet enabled terminal (11) to the registration server the inputting of the unique registration code (15) the validation of the user identification data (14) and if the user identification data (14) correspond to a user reference data record the assignment to the profile file (19) and if the personal identification number (16) has not been input by the user the generation and transmission of the personal identification number (16) from the registration server to the user and an authentication step comprising a check in order to determine whether the profile file (19) is present in the hybrid terminal (10) and if so the carrying out of authentication otherwise the carrying out of initial authentication and if initial authentication reveals that the user is authorized the generation and transmission of the profile file (19) from the authentication server to the hybrid terminal (10) and after the initial authentication or authentication has been carried out the transmission of an enable message to at least one of the service providers (17 18).

No. of Pages: 31 No. of Claims: 13

(21) Application No.10835/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :17/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: STEVIA COMPOSITION

(51) International classification(31) Priority Document No(32) Priority Date	:A23G3/00 :61/492897 :03/06/2011	(71)Name of Applicant: 1)PURECIRCLE USA Address of Applicant:915 Harger Road Suite 250 Oak Brook
(33) Name of priority country(86) International Application No Filing Date(87) International Publication No	:U.S.A. :PCT/US2011/047499 :11/08/2011 :WO 2012/166164	IL 60523 1492 U.S.A. (72)Name of Inventor: 1)MARKOSYAN Avetik
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA	

(57) Abstract:

Stevia compositions are prepared from steviol glycosides of Stevia rebaudiana Bertoni. The compositions are able to provide a superior taste profile and can be used as sweetness enhancers, flavor enhancers and sweeteners in foods, beverages, cos - metics and pharmaceuticals.

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

(21) Application No.10836/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :17/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: ORAL CARE COMPOSITIONS COMPRISING PHYTIC ACID

:NA

(51) International classification :A61K8/362,A61K8/27,A61K8/25 (71)Name of Applicant: 1) THE PROCTER & GAMBLE COMPANY (31) Priority Document No :NA Address of Applicant :One Procter & Gamble Plaza Cincinnati (32) Priority Date :NA (33) Name of priority country :NA Ohio 45202 U.S.A. (86) International Application (72)Name of Inventor: :PCT/CN2011/077065 1)HOKE Steven Hamilton II No :12/07/2011 Filing Date 2)STRAND Ross (87) International Publication 3)WANG Xiaoli :WO 2013/007018 4)ZHANG Yiqun (61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to Application :NA

(57) Abstract:

Filing Date

Number

An oral care composition comprising a stannous ion source and/or a zinc ion source; a phytic acid or a phytic acid o salt or mixtures thereof; characterised in that the phytic acid or phytic acid salt has an average IPn of greater than 5.2. In a composi - tion which comprises stannous, there is a decrease in soluble stannous whilst maintaining an equivalent efficacy to a composition comprising a higher level of soluble stannous and efficacy is observed for avoiding stain and astringency problems. When zinc ions are present, it has been surprisingly found that a decrease in soluble zinc can provide an equivalent antimicrobial efficacy to a composition comprising a greater level of soluble zinc.

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

(22) Date of filing of Application:19/12/2013 (43) Publication Date: 26/12/2014

(54) Title of the invention: ELECTROSTATIC TRANSDUCER

(51) International classification	:H04R19/02,H04R7/08	(71)Name of Applicant:
(31) Priority Document No	:1108373.0	1)WARWICK AUDIO TECHNOLOGIES LIMITED
(32) Priority Date	:19/05/2011	Address of Applicant :The Venture Centre Sir William Lyons
(33) Name of priority country	:U.K.	Road Coventry West Midlands CV4 7EZ U.K.
(86) International Application No	:PCT/GB2012/051130	(72)Name of Inventor:
Filing Date	:18/05/2012	1)ATKINS Brian
(87) International Publication No	:WO 2012/156753	2)BILLSON Duncan
(61) Patent of Addition to Application	:NA	3)HOARE David
Number	:NA	
Filing Date	.IVA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(21) Application No.10953/DELNP/2013 A

(57) Abstract:

(19) INDIA

An electrostatic transducer comprises an electrically conductive first layer (1) a flexible insulating second layer (25) disposed over the first layer and a flexible electrically conductive third layer (26) disposed over the second layer. Between the first and the second layers are provided spacers (24) and between the second and the third layers are provided spacers (27). The spacers may be provided by strips of adhesive or by bonding the layers together by welding for example. The first layer (1) is provided with an array of through apertures (5) each having an inlet (6) facing the second layer (2) and an outlet (7). In response to signals applied to the first and third layers the second and third layers have portions which are displaced towards the outlets of the apertures by electrostatic forces. The apertures (5) may have conducting walls and the walls may converge.

No. of Pages: 24 No. of Claims: 29

(21) Application No.10954/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :19/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention : HOUSEHOLD APPLIANCE WITH BEVERAGE DISPENSING SYSTEM METHOD AND FILTER CARTRIDGE

(57) Abstract:

A household appliance (2) comprising a dispensing system (20) for dispensing a beverage and a compartment (4) which in use of the household appliance (2) is kept cold. A wall portion (22) has a wall thickness extending from the compartment (4) to the ambient environment. A temperature gradient is formed over the wall thickness. The dispensing system (20) comprises an outlet (12) and a first liquid path (26) and a second liquid path (28) for conducting the beverage to the outlet (12). The first liquid path (26) comprises a first conduit section (32) and the second liquid path (28) comprises the second conduit section (34). The first conduit section (32) and the second conduit section (34) are arranged within the at least one wall portion (22) at different positions along the temperature gradient formed in the at least one wall portion (22). Beverage at different temperatures may thus be provided from the dispensing system.

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

(21) Application No.10955/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application:19/12/2013 (43) Publication Date: 26/12/2014

(54) Title of the invention: CONSUMER PRODUCTS WITH LIPASE COMPRISING COATED PARTICLES

(51) International :C11D17/00,C11D3/39,C11D3/386 classification

(31) Priority Document No :11170618.0 :20/06/2011 (32) Priority Date

(33) Name of priority country: EPO

(86) International Application :PCT/US2012/042029

No

:12/06/2012 Filing Date

(87) International Publication

:WO 2013/003025 No

(61) Patent of Addition to **Application Number** :NA Filing Date

(62) Divisional to Application :NA Number :NA

Filing Date

(71)Name of Applicant:

1) THE PROCTER & GAMBLE COMPANY

Address of Applicant :One Procter & Gamble Plaza Cincinnati

OH 45202 U.S.A.

(72)Name of Inventor:

1)LANT Neil Joseph 2)SOUTER Philip Frank

3)SIMONSEN Ole

4) HANSEN Carsten Hoerslev

5)ERLANDSEN Luise

(57) Abstract:

This invention relates to consumer products comprising bleach components and sensitive components and provides a means for separating and therefore protecting sensitive components by introducing the sensitive component via a protected particle comprising a substrate for an enzyme also present in the composition.

No. of Pages: 57 No. of Claims: 17

(21) Application No.10956/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :19/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention : CLEANING COMPOSITIONS COMPRISING AMYLASE VARIANTS REFERENCE TO A SEQUENCE LISTING

(51) International classification: C12N9/28,C (31) Priority Document No: 11172288.0 (32) Priority Date: 30/06/2011 (33) Name of priority country: EPO: PCT/US201 No: Filing Date: 29/06/2012 (87) International Publication: No: WO: 2013/00 (61) Patent of Addition to: NA: NA: NA: NA: NA: NA: NA: NA: NA: NA	1 (72)Name of Inventor: 1 1)JACKSON Michelle 2)SOUTER Philip Frank 3)BEWICK Lindsay Suzanne 4)KAASGAARD Svend 5)OEBRO Jens 6)LARSEN Signe Eskildsen	
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(57) Abstract:

The present invention relates to cleaning compositions comprising variants of an alpha amylase and methods of treating surfaces such as textiles with aqueous liquor comprising such compositions especially at low temperatures.

No. of Pages: 111 No. of Claims: 20

(21) Application No.10959/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :19/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention : VIDEO ENABLED ELECTRONIC ARTICLE SURVEILLANCE DETECTION 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 	:G08B13/24 :13/150985 :01/06/2011 :U.S.A. :PCT/US2012/000262 :01/06/2012 :WO 2012/166211 :NA	(71)Name of Applicant: 1)Tyco Fire & Security GmbH Address of Applicant: Victor von Bruns Strasse 21 8212 Neuhausen am Rheinfall Switzerland (72)Name of Inventor: 1)WELTER John Joseph
` /		
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A security system and method is provided that uses an auxiliary sensor such as a video camera to verify the presence of an object within a part of an interrogation zone. The presence of an activated security system tag in an interrogation zone is detected. The system also determines whether an object is in a surveillance detection zone when the activated security system tag is detected. An alarm is initiated if the object is in the surveillance detection zone within a predetermined time after the activated security system tag is detected in the interrogation zone. The alarm may be based on the direction of motion of the object in the surveillance zone.

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

(21) Application No.10960/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :19/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: COMMUNICATION SYSTEM

(51) International classification	1:H04M3/42,H04W4/22,H04W8/20	(71)Name of Applicant:
(31) Priority Document No	:2011160042	1)NEC CORPORATION
(32) Priority Date	:21/07/2011	Address of Applicant :7 1 Shiba 5 chome Minato ku Tokyo
(33) Name of priority country	:Japan	1088001 Japan
(86) International Application No Filing Date	:PCT/JP2012/068432 :20/07/2012	(72)Name of Inventor : 1)SONETAKA Noriyoshi
(87) International Publication No	:WO 2013/012059	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number	:NA :NA	

(57) Abstract:

Filing Date

When a handheld terminal (100) receives a signal requesting handheld terminal identifying information said signal having been sent from a femto base station (200) disposed at a prescribed height the handheld terminal sends said handheld terminal identifying information to the femto base station (200) said femto base station (200) sends the handheld terminal identifying information to an emergency services communication device (300) and said emergency services communication device (300) displays the handheld terminal identifying information sent from the femto base station (200).

No. of Pages: 48 No. of Claims: 31

(21) Application No.10963/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :19/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: METHOD OF TREATING A MAMMALIAN TEAT AND RELATED COMPOSITIONS

(86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date (86) International Application No Supplication No Supplication Number Filing Date (87) International Publication No Supplication No Supplication Number Supplication Number	mine J. hael C.
Filing Date :NA	

(57) Abstract:

A method of treating or protecting a mammalian teat by applying a topical composition to the teat, wherein the topic - al conditioning composition comprises (a) citrate; (b) methylene blue; and (c) an alkyl ara-hydroxybenzoate; as well as related S methods and compositions.

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

(21) Application No.10965/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :19/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: ARTICLE OF THE TENT OR SHELTER TYPE

(51) International classification :E04H15/54,E04H15/40 (71)Name of Applicant : (31) Priority Document No 1)DECATHLON :1155264 (32) Priority Date Address of Applicant :4 boulevard de Mons F 59650 :16/06/2011 (33) Name of priority country Villeneuve dAscq France :France (86) International Application No (72)Name of Inventor: :PCT/FR2012/051332 1)HERPIN Sophie Filing Date :14/06/2012 (87) International Publication No :WO 2012/172256 2)MICHALAK Bruno (61) Patent of Addition to Application :NA :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract:

The present invention relates to an article of the tent or shelter type (1) comprising a roof element (2) at least partially covering a shelter area (3) said roof element comprising a main flexible panel (4) having opposite external (4a) and internal (4b) faces the internal face (4b) being intended in use to be oriented towards said shelter area (3). In a characteristic manner the internal face (4b) has a rate of emissivity (%) of far infrared radiation that is lower than the rate of emissivity (%) of far infrared radiation of the external face (4a).

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

(19) INDIA

(22) Date of filing of Application :19/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: METHOD FOR REDUCING THE AMOUNT OF OXIDIZED MERCURY IN FLUE GASES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filed on 	:B01D :60/662,911 :17/03/2005 :U.S.A. :PCT/US2006/010000 :16/03/2006 : NA :NA :NA :7676/DELNP/2007 :05/10/2007	(71)Name of Applicant: 1)NOX II INTERNATIONAL, LTD. Address of Applicant: 4281 Meadowlark Trail, Stow, Ohio 44224, United States of America U.S.A. (72)Name of Inventor: 1)Douglas Charles Comrie 2)Vincent, Vellela
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(57) Abstract:

The present invention provides a method for reducing the amount of oxidized mercury in flue gases generated by combustion of mercury-containing carbonaceous fuels, the method comprising: burning the fuel in the presence of an alkaline powder sorbent; measuring the level of mercury in the flue gases; comparing the measured mercury level to a target level; and if the measured value is above the targeted level, increasing the amount of powder sorbent added relative to the fuel, wherein the powder sorbent comprises calcium, silica, and alumina.

No. of Pages: 59 No. of Claims: 38

(21) Application No.10968/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application:19/12/2013 (43) Publication Date: 26/12/2014

(54) Title of the invention: FLASHLINE HEATER SYSTEM AND METHOD

(51) International classification :B01J19/18,B01J8/00,C08F10/00 (71)Name of Applicant:

(31) Priority Document No :13/173881 (32) Priority Date :30/06/2011 :U.S.A.

(33) Name of priority country (86) International Application

:PCT/US2012/043215 No :20/06/2012 Filing Date

(87) International Publication No:WO 2013/003133

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to Application :NA Number :NA

Filing Date

1) CHEVRON PHILLIPS CHEMICAL COMPANY LP

Address of Applicant :10001 Six Pines Drive The Woodlands

TX 77380 U.S.A.

(72)Name of Inventor: 1)HOTTOVY John D

2)KUFELD Scott E

(57) Abstract:

The present embodiments provide a system and method for separation within a polymer production process. Specifically a flashline heater configured according to present embodiments may provide more time than is required for complete vaporization of liquid hydrocarbons that are not entrained within a polymer fluff produced within a polymerization reactor. Such extra time may allow for liquid hydrocarbons that are entrained within the polymer fluff to be vaporized.

No. of Pages: 54 No. of Claims: 19

(21) Application No.10969/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :19/12/2013 (43) Publication Date : 26/12/2014

:NA

(54) Title of the invention : CONTROLLING UPLINK AND DOWNLINK TRANSMISSION POWER DURING ASYNCHRONOUS SWITCHING OF CONTROL STATES BY USER EQUIPMENT

:H04W52/54,H04W52/50 (71)Name of Applicant : (51) International classification (31) Priority Document No 1)TELEFONAKTIEBOLAGET L M ERICSSON (PUBL) (32) Priority Date Address of Applicant :S 164 83 Stockholm Sweden :NA (72)Name of Inventor: (33) Name of priority country :NA 1)KRONOUIST Gran (86) International Application No :PCT/SE2011/050915 Filing Date :06/07/2011 2)...STR-M Anders (87) International Publication No :WO 2013/006104 3)L-FVING Per (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA

(57) Abstract:

Filing Date

A network node (420) is disclosed that communicates with a user equipment node (410) in a communications system (400). The network node (420) repetitively transmits first uplink transmission power control TPC commands on a first physical channel with a first channel configuration while repetitively transmitting second uplink TPC commands on a second physical channel with a second channel configuration. The first and second uplink TPC commands control uplink transmission power from the user equipment node(410) to the network node (420). Related user equipment nodes (410) and methods are disclosed.

No. of Pages: 38 No. of Claims: 24

(21) Application No.10944/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :19/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention : PHARMACEUTICAL PRODUCT AND METHOD OF ANALYSING LIGHT EXPOSURE OF A PHARMACEUTICAL PRODUCT

(51) International classification	:B65D79/02.G01D7/00	(71)Name of Applicant:
(31) Priority Document No	:61/530824	1)AMGEN INC.
(32) Priority Date	:02/09/2011	Address of Applicant :One Amgen Center Drive Patent
(33) Name of priority country	:U.S.A.	Operations M/S 28 2 C Thousand Oaks CA 91320 1799 U.S.A.
(86) International Application No	:PCT/US2012/053450	(72)Name of Inventor:
Filing Date	:31/08/2012	1)GUO Jeremy
(87) International Publication No	:WO 2013/033600	2)SHNEK Deborah
(61) Patent of Addition to Application	:NA	3)SPENCER Paula
Number	:NA	4)SUN Li
Filing Date	.IVA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A pharmaceutical product includes a container having an exterior surface and an interior chamber an active ingredient disposed in the interior chamber the active ingredient having a photosensitive property that changes based on at least cumulative exposure to light having a wavelength within the range between X and Y and a layer of photosensitive material disposed on or in the container and exposed to environmental conditions contemporaneous with the active ingredient being disposed in the interior chamber. The photosensitive material is reactive to light having a wavelength within the range between X and Y to experience a property change at a threshold of cumulative exposure to light received within the range between X and Y related to the change in the photosensitive property of the active ingredient. A photosensitive device can also be disposed along a path followed by the pharmaceutical product within a facility.

No. of Pages: 72 No. of Claims: 83

(21) Application No.10945/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :19/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention : INTERFACE BETWEEN 3GPP NETWORKS AND 3GPP2 NETWORKS FOR WAP TEXT MESSAGING

(57) Abstract:

Systems and methods are disclosed for interworking WAP text messages between 3 GPP and 3GPP2 networks. One embodiment comprises a system that receives a WAP text message from a sending entity that supports 3GPP standards, where the WAP text message is in a 3GPP format. The system determines that a receiving entity for the WAP text message supports 3GPP2 standards, and converts the WAP text message from the 3GPP format to a 3GPP2 format. The system then transmits the WAP text message in the 3GPP2 format to the receiving entity.

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

(21) Application No.10946/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application:19/12/2013 (43) Publication Date: 26/12/2014

(54) Title of the invention: METHOD AND APPARATUS FOR MAPPING OPERATING PARAMETER IN COVERAGE AREA OF WIRELESS NETWORK

(51) International :G01S13/76,H04W24/00,H04W8/22 classification

(31) Priority Document No :13/172118 (32) Priority Date :29/06/2011

(33) Name of priority country: U.S.A.

(86) International Application:PCT/US2012/044490

No :28/06/2012 Filing Date

(87) International Publication :WO 2013/003513

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to :NA **Application Number** :NA Filing Date

(71)Name of Applicant: 1)ALCATEL LUCENT

Address of Applicant: 3 avenue Octave Grard F 75007 Paris

France

(72)Name of Inventor: 1)SANDERS Susan W.

2)BU Tian

(57) Abstract:

A method for mapping an operating parameter in a coverage area of a wireless network includes obtaining parameter measurements for an operating parameter associated with mobile stations operating in a select portion of a network coverage area for a wireless network the network coverage area formed by base stations defining cellular coverage areas the select portion formed by at least one base station each at least one base station including multiple sector antennas each sector antenna defining a sector coverage area within the cellular coverage area; and for each obtained parameter measurement estimating an instant geographic location of the mobile station in relation to the at least one base station serving the mobile station each instant geographic location based on a round trip measurement and a signal strength measurement associated with the mobile station each round trip measurement associated with the serving base station.

No. of Pages: 96 No. of Claims: 10

(21) Application No.10947/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application:19/12/2013 (43) Publication Date: 26/12/2014

(54) Title of the invention: PROCESS OF PREPARING A CONCENTRATED LIQUID FOODSTUFF

(51) International classification :A23L2/02,A23L2/385,A23L2/68 (71)Name of Applicant:

:21/05/2012

(31) Priority Document No :11004722.2 (32) Priority Date :09/06/2011

(33) Name of priority country :EPO

(86) International Application :PCT/EP2012/002157 No

Filing Date

(87) International Publication :WO 2012/167872

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to Application :NA Number :NA

Filing Date (57) Abstract:

1)RUDOLF WILD GMBH & CO. KG

Address of Applicant : Rudolf Wild Strasse 107 115 69214

Eppelheim Germany (72)Name of Inventor: 1)HEIDEBACH Thomas

2) KELLER Christine 3)SASS Matthias 4)DE WITH Axel

This invention relates to a process of preparing a concentrated liquid foodstuff comprising treating a sugar solution or a concentrate or an extract having a Brix of more than 20°, with carbohydrate oxidase and catalase without adjusting the pH before \(^3\)4 or during the treatment by addition of buffering substances or basic substances, to obtain a concentrated liquid foodstuff, wherein the S final pH is lower than 3.

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

(21) Application No.10948/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application:19/12/2013 (43) Publication Date: 26/12/2014

(54) Title of the invention: HAIR REMOVAL DEVICE COMPRISING ERODABLE MOISTURIZER

(51) International classification :A61K8/31,A61K8/37,A61K8/90 (71)Name of Applicant:

(31) Priority Document No :11171369.9 (32) Priority Date :24/06/2011 (33) Name of priority country :EPO

(86) International Application :PCT/US2012/043710

No :22/06/2012 Filing Date

(87) International Publication No:WO 2012/177979

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to Application :NA Number :NA

Filing Date

1)THE GILLETTE COMPANY

Address of Applicant: World Shaving Headquarters IP/Legal Patent Department 3E One Gillette Park Boston Massachusetts

02127 U.S.A.

(72)Name of Inventor:

1)EAGLETON Christopher Raymond

(57) Abstract:

A razor cartridge is provided comprising a housing having a base which is connectable to a handle two or more blades whose tips are aligned in a cutting plane to cut in a cutting direction and a moisturizing block disposed before and/or after the blades in the cutting direction the moisturizing block having a skin contacting surface wherein: (a) the moisturizing block comprises at least 50% lipophilic materials by weight of the moisturizing block; (b) the skin contacting surface slopes away from the blades towards the base.

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

(21) Application No.11050/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :23/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: DIRT RECOVERY DEVICE

(51) International classification	:E01H1/04,E01H1/05	(71)Name of Applicant :
(31) Priority Document No	:NA	1)HOWA MACHINERY LTD.
(32) Priority Date	:NA	Address of Applicant :1900 1 Sukaguchi Kiyosu shi Aichi
(33) Name of priority country	:NA	4528601 Japan
(86) International Application No	:PCT/JP2011/065100	(72)Name of Inventor:
Filing Date	:30/06/2011	1)SUZUKI Takao
(87) International Publication No	:WO 2013/001649	2)KATO Haruyuki
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.11/1	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

To provide a dirt recovery device capable of a cleaning operation without difficulty even on uneven road surfaces. [Solution] This dirt recovery device comprises: a main body frame; a main brush attached to the main body frame and configured so as to sweep up dirt on a road surface in front of the vehicle; a dirt conveyance mechanism that conveys the dirt swept up by the main brush to a loading port in a hopper disposed in a street sweeper; a frame support means attached to the main body frame that comes in contact with the road surface during sweeping and supports the main body frame; and a frame connection means that connects to the vehicle so as to enable the main body frame to swing around an axis extending in the vehicle width direction.

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

(22) Date of filing of Application :23/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: METHOD AND SYSTEM FOR DETECTING MALFUNCTION OF A MEMS MICROPUMP

(51) International classification(31) Priority Document No	:A61M5/142,A61M5/168,F04B43/04 :11171155.2	(71)Name of Applicant: 1)DEBIOTECH S.A. Address of Applicant: Immeuble Le Portique Av. de Svelin 28
(32) Priority Date	:23/06/2011	1004 Lausanne Switzerland
(33) Name of priority country	:ЕРО	(72)Name of Inventor: 1)CHAPPEL Eric
(86) International Application No Filing Date	:PCT/IB2012/053176 :22/06/2012	2)PROENNECKE Stephan 3)NEFTEL Frdric
(87) International Publication No	:WO 2012/176170	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Method for detecting failure including possible under or over delivery of a micropump having at least an inlet valve, o a pumping chamber with an inner pressure sensor and an outlet valve, said method comprising the determination of the pump tight - ness via the measurement of the pressure by said inner pressure sensor in said pumping chamber at least at certain intervals when the pump is inactive and the comparison with a value of reference.

No. of Pages: 45 No. of Claims: 25

(21) Application No.11053/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :23/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention : SYSTEM AND METHOD FOR COMPENSATING A BATTERY CHARGER INSTALLED IN A VEHICLE

(51) International classification :H02J7/00,G01R31/00,H02H7/00 (71)Name of Applicant: (31) Priority Document No :1155519 1)RENAULT S.A.S. (32) Priority Date Address of Applicant: 13 15 quai Le Gallo F 92100 Boulogne :22/06/2011 (33) Name of priority country Billancourt France :France (86) International Application (72)Name of Inventor: :PCT/FR2012/051371 No 1)FLUXA Frdric :19/06/2012 Filing Date 2)RIPOLL Christophe (87) International Publication :WO 2012/175858 No (61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to Application :NA Number :NA Filing Date

(57) Abstract:

System (20) for compensating for a leakage current from a charger (1) of an electric battery installed in a vehicle and connected to a power supply network by a ground line by a line carrying a neutral phase and by a line carrying at least one phase different to the neutral phase a device providing differential protection from residual current being interposed between the battery charger (1) and the power supply network a leakage current flowing from the battery charger (1) to the power supply network via the ground line. The compensating system comprises a means (20) for compensating for the leakage current able to apply to the ground line a compensating current of the same amplitude as the leakage current and of opposite phase to the leakage current.

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

(22) Date of filing of Application :23/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention : CORE SAND FILLING DEVICE AND CORE SAND FILLING METHOD IN CORE MAKING MACHINE

(31) Priority Document No(32) Priority Date(33) Name of priority country(86) International Application	n:B22C15/24,B22C9/10,B22C13/08 :2011125123 :03/06/2011 :Japan :PCT/JP2012/062864	1)SINTOKOGIO LTD. Address of Applicant :11 11 Nishiki 1 chome Naka ku Nagoya shi Aichi 4600003 Japan (72)Name of Inventor:
No Filing Date (87) International Publication No	:18/05/2012 :WO 2012/165181	1)KATO Shigeyoshi 2)TSUZUKI Shuichi 3)HARADA Hisashi
(61) Patent of Addition toApplication NumberFiling Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

This core sand filling device is for an underneath blow type core making machine in which sand is blown from underneath the core mold toward the core mold and is provided with: the core mold; a blow head which is disposed beneath the core mold is raisable and lowerable relative to the core mold and is divided into a sand blowing chamber and a sand storage chamber that are linked to each other; a compressed air supply unit that is linked to the sand storage chamber and supplies compressed air to the sand storage chamber; an aeration air supply unit that is linked to the sand blowing chamber and supplies to the sand blowing chamber aeration air that forms a suspended fluidization of the core sand in the sand blowing chamber; and an exhaust valve that is linked to the sand blowing chamber and exhausts compressed air remaining in the sand blowing chamber.

No. of Pages: 61 No. of Claims: 10

(22) Date of filing of Application :23/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: METHOD AND PRODUCT DELIVERY MECHANISM WITH A PUMP

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:22/06/2012 :WO 2012/178066 :NA :NA :NA	(71)Name of Applicant: 1)THE DELFIELD COMPANY LLC Address of Applicant:980 South Isabella Road Mt. Pleasant MI 48858 U.S.A. (72)Name of Inventor: 1)WING Harry Edward 2)HALE Donald Earl
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A product delivery mechanism for a beverage dispensing system that dispenses flavor/ingredients and ice into a serving cup for mixing and/or blending. The product delivery system includes a gas operated pump for moving the flavor/ingredients from a product source to a dispensing nozzle above the serving cup. A gas restrictor is connected to an exhaust port of the pump to regulate gas flow rate and product flow rate so as to prevent splashing at the cup while operating the pump well within its rated pressure limits.

No. of Pages: 15 No. of Claims: 12

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

(43) Publication Date: 26/12/2014

(54) Title of the invention: MANUFACTURING METHOD FOR OPTICAL FIBER TAPE CORE WIRE AND OPTICAL FIBER TAPE CORE WIRE MANUFACTURED BY SAID MANUFACTURING 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 	:G02B6/44 :2011125290 :03/06/2011 :Japan :PCT/JP2012/063617 :28/05/2012 :WO 2012/165371 :NA :NA :NA	(71)Name of Applicant: 1)Fujikura Ltd. Address of Applicant: 1 5 1 Kiba Koto ku Tokyo 1358512 Japan 2)NIPPON TELEGRAPH AND TELEPHONE CORPORATION (72)Name of Inventor: 1)NAMAZUE Akira 2)TAKE Yukiko 3)MATSUZAWA Takashi 4)OSATO Ken 5)OKADA Naoki 6)YAMADA Yusuke
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(57) Abstract:

The purpose of the present invention is to suppress scraping of a coating resin when an optical fiber is sent out of a coating die. Multiple optical fibers (3) wherein the Young s modulus of an ultraviolet curable resin (13) at an outer layer of each optical fiber (3) is greater than or equal to 300 MPa and wherein when the Young s modulus is from 300 MPa to 600 MPa the frictional force measured by the following measurement method is less than or equal to 0.3 N are arranged in parallel with each other and each of these optical fibers (3) is fixed at spaced apart positions along the lengthwise direction thereof to form bonded parts (5). A ring (30a) is formed by an optical fiber specimen piece (30) such that one end portion (30b) thereof is inserted into the ring (30a) to form a knot thereby forming a contact portion (30d) where resin parts contact each other. In this state the end portions (30b 30c) on both sides of the ring (30a) are held and pulled in directions away from each other and the frictional force caused between the resin parts at the contact portion (30d) during the pulling is measured.

No. of Pages: 20 No. of Claims: 3

(22) Date of filing of Application :23/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: DOSING SYSTEM AND 3/2 DIRECTIONAL VALVE FOR A DOSING 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 	:21/06/2012 :WO 2013/004517 :NA :NA	(71)Name of Applicant: 1)ROBERT BOSCH GMBH Address of Applicant: Postfach 30 02 20 70442 Stuttgart Germany (72)Name of Inventor: 1)HAEBERER Rainer
Number		
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The invention relates to a dosing system for dosing a reducing agent in particular an aqueous urea solution into the exhaust tract of a motor vehicle comprising a dosing valve (1) a reducing agent storage tank (2) and a delivery module (3) for delivering the reducing agent via a feed line (4) from the storage tank (2) to the dosing valve (1) and also a return line (5) which branches off from the feed line (4) downstream of the delivery module (3) and which is connected to the storage tank (2) wherein the dosing system furthermore has a valve arrangement (6) for realizing a back suction function. According to the invention the valve arrangement (6) has a first 2/2 directional valve (7) arranged in the feed line (4) upstream of the delivery module (3) and has a second 2/2 directional valve (9) arranged in a bypass line (8) or is designed as a 3/2 directional valve (10). The invention also relates to a 3/2 directional valve for a dosing system of said type.

No. of Pages: 20 No. of Claims: 6

(21) Application No.11061/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :23/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: COMPONENT USE THEREOF AND METHOD FOR PRODUCING A PROFILED BODY

(51) International classification	:B29C44/14,F24J2/46	(71)Name of Applicant :
(31) Priority Document No	:10 2011 111 638.2	1)ROBERT BOSCH GMBH
(32) Priority Date	:25/08/2011	Address of Applicant :Postfach 30 02 20 70442 Stuttgart
(33) Name of priority country	:Germany	Germany
(86) International Application No	:PCT/EP2012/065554	(72)Name of Inventor:
Filing Date	:09/08/2012	1)WEIL Thomas
(87) International Publication No	:WO 2013/026705	2)CLEMENT Uwe
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
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(57) Abstract:

The invention relates to a component for producing a profiled body for a housing a frame or a component of a solar thermal installation comprising a wall which forms a receptacle for a filler wherein at least a certain portion or portions of the wall can be folded and/or is/are flexible and having an inlet for filling a first filler into the receptacle having a filling device for filling a second filler into the receptacle and having an outlet for the first filler. The invention also relates to the use of such a component for producing a profiled body and to a method for producing a profiled body.

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

(21) Application No.11062/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :23/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention : IN SITU REACTOR BLEND OF A ZIEGLER NATTA CATALYSED NUCLEATED POLYPROPYLENE AND A METALLOCENE CATALYSED POLYPROPYLENE

:C08L23/10,C08F210/00 (71)Name of Applicant : (51) International classification (31) Priority Document No :11169930.2 1)BOREALIS AG (32) Priority Date Address of Applicant : Wagramer Strasse 17 19 A 1220 Vienna :15/06/2011 (33) Name of priority country :EPO (86) International Application No :PCT/EP2012/059319 (72)Name of Inventor: Filing Date :21/05/2012 1)KHEIRANDISH Saeid (87) International Publication No :WO 2012/171745 2)DOSHEV Petar (61) Patent of Addition to Application 3)LESKINEN Pauli :NA Number 4)MALM Bo :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract:

Propylene homo or copolymer composition comprising an in situ reactor blend of a Ziegler Natta catalysed nucleated polypropylene (znPP) and a metallocene catalysed polypropylene (mcPP) in a weight ratio in the range of 6:94 to 50:50 (wt% znPP: wt% mcPP) preferably in the range of 10:90 to 44:56 (wt% znPP: wt% mcPP) having an excellent balance between optical properties mechanical properties thermal properties and processing properties; a process for its production and the use of a mixture of a Ziegler Natta catalyst system and a metallocene catalyst system.

No. of Pages: 62 No. of Claims: 15

(21) Application No.10912/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application: 18/12/2013 (43) Publication Date: 26/12/2014

:NA

(54) Title of the invention: REAL TIME ON CHIP TEXTURE DECOMPRESSION USING SHADER PROCESSORS

:G06T9/00,G06T15/00 (71)Name of Applicant : (51) International classification (31) Priority Document No 1)ADVANCED MICRO DEVICES INC. :13/163071 (32) Priority Date Address of Applicant :One AMD Place P.O. Box 3453 :17/06/2011 (33) Name of priority country Sunnyvale California 94088 U.S.A. :U.S.A. (72)Name of Inventor: (86) International Application No :PCT/US2012/042442 1)IOURCHA Konstantine Filing Date :14/06/2012 (87) International Publication No :WO 2012/174231 2)BROTHERS John W. (61) Patent of Addition to Application :NA :NA Filing Date (62) Divisional to Application Number :NA Filing Date

(57) Abstract:

A processing unit, method, and medium for decompressing or generating textures within a graphics processing unit (GPU). The textures are compressed with a variable-rate compression scheme such as JPEG. The compressed textures are retrieved from system memory and transferred to local cache memory on the GPU without first being decompressed. A table is utilized by the cache to locate individual blocks within the compressed tex ture. A decompressing shader processor receives compressed blocks and then performs on-the-fly decompression of the blocks. The decompressed blocks are then processed as usual by a texture consuming shader processor of the GPU.

No. of Pages: 29 No. of Claims: 20

(22) Date of filing of Application: 18/12/2013 (43) Publication Date: 26/12/2014

(54) Title of the invention: METHOD AND APPARATUS FOR SESSION BANDWIDTH ESTIMATION AND RATE CONTROL

(51) International classification :H04L12/26,H04L29/06 (71)Name of Applicant : 1)ALLOT COMMUNICATIONS LTD (31) Priority Document No :61/497458 (32) Priority Date :15/06/2011 Address of Applicant :22 HaNagar Street 45240 Hod (33) Name of priority country :U.S.A. HaSharon Israel (72)Name of Inventor: (86) International Application No :PCT/US2012/042811 Filing Date :15/06/2012 1)FOX Michael (87) International Publication No :WO 2012/174474 2) MUSHTAQ Faisal (61) Patent of Addition to Application 3)ARYA Ashwani :NA 4)GARRISON Ron :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract:

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

No. of Pages: 31 No. of Claims: 14

(21) Application No.10914/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application: 18/12/2013 (43) Publication Date: 26/12/2014

(54) Title of the invention: COMPOSITION COMPRISING AN ONION EXTRACT AND LIPOSOMES

(51) International classification :A61K9/06,A61K9/127,A61K9/00 (71)Name of Applicant :

:21/06/2012

(31) Priority Document No :11171378.0 (32) Priority Date :24/06/2011

(33) Name of priority country :EPO

(86) International Application :PCT/EP2012/061997

No Filing Date

(87) International Publication :WO 2012/175626

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to Application :NA Number :NA Filing Date

1)MERZ PHARMA GMBH & CO. KGAA

Address of Applicant : Eckenheimer Landstrasse 100 60318

Frankfurt am Main Germany

2)AIR PRODUCTS AND CHEMICALS INC.

(72)Name of Inventor: 1)BODERKE Peter 2) HEBERER Martina 3)SCHEPPLER Petra

(57) Abstract:

The present invention relates to a composition comprising a first onion extract (A) and liposomes wherein at least a portion of the onion extract is encapsulated in the liposomes. Furthermore the present invention relates to a method for preparing a composition comprising a first onion extract (A) and liposomes wherein at least a portion of the onion extract is encapsulated in the liposomes. Further the present invention relates to a composition comprising an onion extract (A) (Allium cepa) and liposomes obtainable by or obtained by said method. Furthermore the present invention relates to compositions comprising a first onion extract (A) and liposomes wherein at least a portion of the onion extract is encapsulated in the liposomes for use in treating and/or preventing scars.

No. of Pages: 41 No. of Claims: 26

(21) Application No.10915/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application: 18/12/2013 (43) Publication Date: 26/12/2014

(54) Title of the invention: METHOD AND SYSTEM FOR ANALYSING SOUND

(51) International classification	:G10H1/00,G06F17/30	(71)Name of Applicant:
(31) Priority Document No	:1109731.8	1)X SYSTEM LIMITED
(32) Priority Date	:10/06/2011	Address of Applicant :Burchetts Brook Holmbury Lane
(33) Name of priority country	:U.K.	Holmbury St. Mary Surrey RH5 6NA U.K.
(86) International Application No	:PCT/GB2012/051314	(72)Name of Inventor:
Filing Date	:11/06/2012	1)OSBORNE Nigel
(87) International Publication No	:WO 2012/168740	2)ASHCROFT Robert
(61) Patent of Addition to Application	:NA	3)ROBERTSON Paul
Number	:NA	4)KINGSLEY Peter
Filing Date	.IVA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention relates to a method and system for analysing audio (eg. music) tracks. A predictive model of the neuro physiological functioning and response to sounds by one or more of the human lower cortical limbic and subcortical regions in the brain is described. Sounds are analysed so that appropriate sounds can be selected and played to a listener in order to stimulate and/or manipulate neuro physiological arousal in that listener. The method and system are particularly applicable to applications harnessing a biofeedback resource.

No. of Pages: 105 No. of Claims: 81

(12) TATENT ATTLICATION TOBLICATION

(22) Date of filing of Application :18/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: DEVICE FOR THE ACCUMULATION OF 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 	:B65G47/51 :1154500 :24/05/2011 :France :PCT/FR2012/051131 :22/05/2012 :WO 2012/160304 :NA :NA	(71)Name of Applicant: 1)DEFLANDRE Herv Address of Applicant: c/o SAVIME Zone Industrielle Rue Ambroise Par F 59632 La Chapelle dArmentieres Cedex France (72)Name of Inventor: 1)DEFLANDRE Herv
(62) Divisional to Application Number Filing Date	:NA :NA	

(21) Application No.10917/DELNP/2013 A

(57) Abstract:

(19) INDIA

The invention relates to an accumulation device (4) comprising a first linear conveyor belt (5) and a second linear conveyor belt (6) a third conveyor belt (7) forming a semicircle and being designed to transfer the articles from the first belt to the second belt and translation means (10 11) of the third belt with respect to the first and second belts. The accumulation device comprises two ramp systems (23 24) secured respectively to the two ends (7a 7b) of the third belt. The first ramp system (23) deforms the first belt so as to form a first slope in order for the articles to rise from the first belt onto the third belt. The second ramp system (24) deforms the second belt so as to form a second slope in order for the articles to descend from the third belt onto the second belt. The movement of the third belt allows at the same time the movement of the first and second slopes formed on the first and second belts. The invention also relates to an installation equipped with such an accumulation device.

No. of Pages: 20 No. of Claims: 15

(22) Date of filing of Application :23/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: VEHICLE POWER TRANSMISSION 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 	:NA :NA :NA :PCT/JP2011/066938 :26/07/2011 :WO 2013/014750	(71)Name of Applicant: 1)Kabushiki Kaisha F.C.C. Address of Applicant:7000 36NakagawaHosoe choKita kuHamamatsu shi Shizuoka 4311304 Japan (72)Name of Inventor: 1)Makita Shouji 2)Miyachi Kazuyoshi 3)Chiba Ryouhei
Filing Date (87) International Publication No	:26/07/2011	1)Makita Shouji 2)Miyachi Kazuyoshi
Number Filing Date	:NA :NA	3)Cniba Ryounei
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Provided is a vehicle power transmission system which quickly performs shift operations in the transmission and is capable of alleviating the operator's discomfort due to so called torque loss during said shift operations. This vehicle power transmission system (100) is provided with an engine (110) the operation of which is controlled by an ECU (300) a clutch (210) and a transmission (240). The engine (110) is provided with a bypass pathway (121) in a state in which a throttle valve (117) is bypassed by an intake pipe (116) which introduces a fuel air mixture into a cylinder (111). An idle regulating valve (122) is provided in the bypass pathway (121). The idle regulating valve (122) regulates the amount of air that bypasses the throttle valve (117) and is supplied to the cylinder (111). The ECU (300) reduces the deceleration torque in the transmission (240) by opening the idle regulating valve (122) prior to shift change operations of the transmission (240).

No. of Pages: 49 No. of Claims: 4

(21) Application No.11043/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :23/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: PRESSURE RING AND FABRICATION METHOD THEREFOR

:NA

:NA

:F16J9/26,C21D1/26,C21D9/52 (71)Name of Applicant : (51) International classification (31) Priority Document No :2011138860 1)KABUSHIKI KAISHA RIKEN Address of Applicant: 13 5 Kudankita 1 chome Chiyoda ku (32) Priority Date :22/06/2011 (33) Name of priority country :Japan Tokyo 1028202 Japan (72)Name of Inventor: (86) International Application No :PCT/JP2012/065848 Filing Date :21/06/2012 1)SHIMA Yuji (87) International Publication No :WO 2012/176834 (61) Patent of Addition to :NA **Application Number** :NA Filing Date

(57) Abstract:

Filing Date

Number

(62) Divisional to Application

In the present invention in order to provide a pressure ring that can be used in the high thermal load environment of a high compression ratio engine that has excellent thermal conductivity and resistance to thermal degradation and that is competitive in price steel designated by the material code SKS93 as stipulated by JIS G 4404 is used and the rod stock for piston rings is annealed prior to oil tempering treatment and spherical cementite with an average diameter of 0.1 to $1.5\mu m$ is distributed within the tempered martensite matrix.

No. of Pages: 20 No. of Claims: 6

(21) Application No.11044/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :23/12/2013 (43) Publication Date: 26/12/2014

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

(51) International classification: B21B1/28,B21B37/48,B21B39/08 (71) Name of Applicant:

(31) Priority Document No :11176837.0 (32) Priority Date :08/08/2011

(33) Name of priority country :EPO

(86) International Application :PCT/EP2012/064648 No

:26/07/2012 Filing Date

(87) International Publication :WO 2013/020814

(61) Patent of Addition to :NA **Application Number** :NA

Filing Date (62) Divisional to Application :NA Number :NA

Filing Date (57) Abstract:

1) SIEMENS VAI METALS TECHNOLOGIES GMBH Address of Applicant: Turmstrae 44 A 4031 Linz Austria

(72)Name of Inventor:

1)KARNER G1/4nter

2)KRIMPELST,,TTER Konrad

The invention relates to a rolling system in particular a cold rolling system for cold rolling a metal strip (2) comprising at least one cold rolling stand (1) and comprising an unwinding device (3) that is arranged upstream of the cold rolling stand (1) a unit (10) being connected between the unwinding device (3) and the cold rolling stand (1). The unit (10) is made of at least three rolls (6 7 8) each of which is rotationally driven about a rotational axis (6A 7A 8A). Each said roll (6 7 8) can be adjusted individually or together in the direction of the respective rotational axis (6A 7A 8A) and in a direction transverse to the rotational axis (6A 7A 8A) by means of a driving and adjusting device (11).

No. of Pages: 25 No. of Claims: 22

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

(43) Publication Date: 26/12/2014

(54) Title of the invention : METHOD OF MAKING HEAT TREATED AND ION BEAM ETCHED/MILLED COATED ARTICLE USING DIAMOND LIKE CARBON (DLC) PROTECTIVE FILM

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:C03C17/34 :13/174310 :30/06/2011 :U.S.A. :PCT/US2012/043498 :21/06/2012 :WO 2013/003188 :NA :NA :NA	(71)Name of Applicant: 1)GUARDIAN INDUSTRIES CORP. Address of Applicant:2300 Harmon Road Auburn Hills MI 48326 1714 U.S.A. (72)Name of Inventor: 1)WANG Jiangping 2)PETRMICHL Rudolph Hugo 3)LEMMER Jean marc
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(57) Abstract:

There is provided a method of making a heat treated (HT) coated article to be used in shower door applications, window applications, or any other suitable applications where transparent coated articles are desired. For example, certain embodi o ments of this invention relate to a method of making a coated article, the method comprising: provid ing a glass substrate including first and second major surfaces, the first major surface being exposed to a tin bath during fabrication of the glass substrate and the second major surface being opposite the first major surface and being acid etched; ion beam treating the first major surface of the substrate so as to remove a surface portion of the substrate, the surface portion comprising one or more of tin, tin oxide and/or sur o face contaminants; disposing a zirconium-inclusive layer on the first major surface following said ion beam treating; and disposing a layer comprising diamond-like carbon (DLC), directly or in directly, on the zirconium-inclusive layer; wherein the glass substrate with the zirconium-inclusive layer and the layer comprising DLC is heat treatable at a temperature sufficient for thermal tempering, o heat strengthening, and/or heat bending so as to cause burn off of the lay er comprising DLC but without also causing significant burn off of the zirconium-inclusive layer.

No. of Pages: 50 No. of Claims: 20

(22) Date of filing of Application :19/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: SIGNALING A LABEL SWITCHED PATH (LSP) TUNNELING MODEL

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:G01V1/40 :13/185456 :18/07/2011 :U.S.A. :PCT/IB2012/053532 :10/07/2012 :WO 2013/011420 :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)KINI Sriganesh 2)DSOUZA Pramodh
Number		
Filing Date	:NA	

(57) Abstract:

Signaling a Label Switched Path (LSP) tunneling model is described. In one embodiment, a network element that is acting as an egress network element in a Multiprotocol Label Switching (MPLS) network signals multiple LSPs for multiple dispar ate applications provided in the MPLS network that each require a different type of tunneling model. The network element transmits a first label mapping message for one of the LSPs that includes an indication of a first tunneling model type applicable for that LSP. That LSP is to be used to transport traffic in the MPLS network for a first one of the disparate applications that requires the indicated o first tunneling model type. The network element further transits a second label mapping message for a second one of the LSPs that includes an indication of a second tunneling model type applicable for that LSP. That LSP is to be used to transport traffic in the o MPLS network for a second one of the disparate applications that requires the indicated second tunneling model type. The first tunneling model type and the second tunneling model type are different. In one embodiment, the first tunneling model type is a uniform tunneling model and the second tunneling model type is a pipe tunneling model (regular pipe or short-pipe).

No. of Pages: 42 No. of Claims: 21

(21) Application No.10972/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application:19/12/2013 (43) Publication Date: 26/12/2014

(54) Title of the invention: COMPOUNDS FOR THE TREATMENT OF ADDICTION

(51) International :C07D213/64,A61K31/4418,A61P25/30 classification

(31) Priority Document

:61/503923

(32) Priority Date :01/07/2011 (33) Name of priority

country

:U.S.A.

(86) International Application No

:PCT/US2012/044809

:29/06/2012 Filing Date

(87) International **Publication No**

:WO 2013/006400

(61) Patent of Addition to :NA **Application Number** :NA

Filing Date

(62) Divisional to :NA **Application Number** :NA

Filing Date

(57) Abstract:

(71)Name of Applicant: 1)GILEAD SCIENCES INC.

Address of Applicant: 333 Lakeside Drive Foster City CA

94404 U.S.A.

(72)Name of Inventor:

1)CANNIZZARO Carina E.

2) GRAUPE Michael 3)GUERRERO Juan A.

4)LU Yafan

5)STRICKLEY Robert G.

6) VENKATARAMANI Chandrasekar

7)ZABLOCKI Jeff

Disclosed are novel compounds having the structure of Formula (I): which are useful for treating mammals for dependence upon substances of addiction for example addiction to a dopamine producing agent such as cocaine morphine amphetamines nicotine and/or alcohol. Also disclosed are pharmaceutical compositions comprising a therapeutically effective amount of a compound of Formula (I) and methods of using the compounds of Formula (I) in the treatment of addiction to a dopamine producing agent.

No. of Pages: 98 No. of Claims: 31

(21) Application No.10973/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application:19/12/2013 (43) Publication Date: 26/12/2014

(54) Title of the invention: SYSTEM FOR REMOVING SURFACE MOISTURE FROM COAL

(51) International classification :F26B5/02,F26B17/10,F23K1/00 (71)Name of Applicant: (31) Priority Document No :1108728.5 (32) Priority Date :24/05/2011

(33) Name of priority country :U.K.

(86) International Application :PCT/GB2012/000348

No

:29/03/2012 Filing Date

(87) International Publication No: WO 2012/160320

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to Application :NA Number :NA

Filing Date

1)COOMTECH LTD

Address of Applicant : The white House Easton Royal Pewsey

Wiltshire SN9 5LY U.K. (72)Name of Inventor: 1)FOSS SMITH Patrick

(57) Abstract:

This invention provides a system for removing surface moisture from granulated coal or other materials in particulate form the system comprising a dryer wherein the dryer has: an in feed (1) for material particles; an in feed (3) for entrainment gas (suitably air) to provide dilute phase gas entrainment of the particles; and turbulence inducing means (5) configured to subject the flow of gas entrained particles to turbulence to strip water from the surface of the entrained particles. The system is highly efficient and economical to operate requiring no external heat input and yet achieving a high drying effectiveness

No. of Pages: 22 No. of Claims: 23

(21) Application No.10974/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :20/12/2013

(43) Publication Date: 26/12/2014

(54) Title of the invention: METHODS AND APPARATUS FOR AUTHENTICATING ARTICLES WITH LUMINESCENT PHOSPHOR COMPOUNDS

(51) International

 $:\!G01N21/64,\!G07D7/06,\!C09K11/00$ classification

(31) Priority Document No :61/508302 (32) Priority Date :15/07/2011 (33) Name of priority country: U.S.A.

(86) International Application :PCT/US2012/046379

No :12/07/2012 Filing Date

(87) International Publication

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to Application :NA :NA

:WO 2013/012655

Number Filing Date (71)Name of Applicant:

1)HONEYWELL INTERNATIONAL INC.

Address of Applicant: 101 Columbia Road Bldg. MEY 4

Morristown New Jersey 07962 U.S.A.

(72)Name of Inventor:

1)RAPOPORT William Ross

2)KANE James

3)LAU Carsten

(57) Abstract:

Methods and apparatus for article authentication include an exciting radiation generator that exposes an area of the article to exciting radiation and at least two radiation detectors that detect emitted radiation from the area in a first band and in a second band that does not overlap the first band. The first band corresponds with a first emission sub band of an emitting ion and the second band corresponds with a second emission sub band of the same emitting ion. A processing system calculates a comparison value that represents a mathematical relationship (e.g. a ratio) between a first intensity of the emitted radiation in the first band with a second intensity of the emitted radiation in the second band and determines whether the comparison value compares favorably with an authentication parameter. When the comparison value compares favorably with the authentication parameter the article is identified as being authentic.

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

(21) Application No.11011/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :20/12/2013

(43) Publication Date: 26/12/2014

(54) Title of the invention : BLADDER AND/OR RECTUM EXTENDER WITH EXCHANGEABLE AND/OR SLIDEABLE TUNGSTEN SHIELD

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:A61N5/10 :61/512387 :27/07/2011 :U.S.A. :PCT/US2012/048713 :27/07/2012 :WO 2013/016701 :NA :NA	(71)Name of Applicant: 1)MICK RADIO NUCLEAR INSTRUMENTS INC. Address of Applicant:521 Homestead Avenue Mt. Vernon NY 10550 U.S.A. (72)Name of Inventor: 1)MICK Felix W. 2)DASILVA Paul
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A method of using a shielding device with an applicator includes inserting the distal portion of the shielding device to a treatment site of a patient the shield being made of plastic imaging the treatment site planning treatment of the treatment site based on the imaging setting up the patient for treatment imaging the treatment site removing the distal portion of the shielding device from the treatment site exchanging the shield made of plastic with a shield made of tungsten inserting the distal portion of the shielding device to the treatment site the shield being made of tungsten imaging the treatment site and performing the treatment.

No. of Pages: 47 No. of Claims: 9

(22) Date of filing of Application :20/12/2013 (43) Publication Date: 26/12/2014

(54) Title of the invention: SELECTIVE DROOP RESPONSE CONTROL FOR A WIND TURBINE POWER PLANT

(51) International classification :F03D7/02,F03D7/04,F03D9/00 (71)Name of Applicant :

(31) Priority Document No :61/496599 (32) Priority Date :14/06/2011

(33) Name of priority country :U.S.A.

(86) International Application No :PCT/DK2012/050201

Filing Date :12/06/2012

(87) International Publication No: WO 2012/171532

(61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to Application

:NA Number :NA Filing Date

1) VESTAS WIND SYSTEMS A/S

Address of Applicant : Hedeager 44 DK 8200 Aarhus N

Denmark

(72)Name of Inventor:

1)HAJ MAHARSI Mohamed

2)HOFFMAN Jason

(57) Abstract:

A power plant controller (36) is described. The power plant controller (36) controls a power generation system (10) having one or more power generators (12) and an energy storage system (22) and provides a utility grid or transmission system operator with the capability to select the droop response provided by the power generation system. Accordingly an operator can request a specific generator droop response in order to provide appropriate frequency and grid control services. The power plant controller (36) operates in real time determining one or more power characteristics of the power generation system (10). Based on these characteristics and an indication of a future predicted power output for the power generation system the power plant controller can take the necessary steps to ensure that the power generation system is capable of responding with the selected droop response or can advise the operator that a different droop is preferred.

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

(21) Application No.11014/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :20/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: VENTING SAFETY CLOSURE

(51) International classification	:A61M5/178,A61J1/20	(71)Name of Applicant :
(31) Priority Document No	:61/495573	1)BECTON DICKINSON AND COMPANY
(32) Priority Date	:10/06/2011	Address of Applicant :1 Becton Drive Franklin Lakes New
(33) Name of priority country	:U.S.A.	Jersey 07417-1880 U.S.A.
(86) International Application No	:PCT/US2012/041547	(72)Name of Inventor:
Filing Date	:08/06/2012	1)CRAWFORD Jamieson W.
(87) International Publication No	:WO 2012/170813	2)WILKINSON Bradley M.
(61) Patent of Addition to Application	:NA	3)NEWBY C. Mark
Number	:NA	4)GHANEKAR Jitendra
Filing Date	.11/1	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A closure (20) for use with a specimen collection container (22) is disclosed. The closure includes a base portion (24a) having a first end adapted for engagement with an open end of the specimen collection container and a second end adapted for receiving a portion of a syringe assembly therein. The closure also includes a luer fitting (38) connected to the base portion and having at least one channel (52a 70) for venting an interior of the specimen collection container to atmosphere during introduction of a fluid specimen from the syringe assembly into the specimen collection container. The closure further includes a shielding portion connected to the base portion and adapted to transition from an open position in which fluid communication is established between the first end and the second end through the luer fitting to a closed position in which the luer fitting is fully shillded by the shielding portion.

No. of Pages: 37 No. of Claims: 23

(21) Application No.11015/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :20/12/2013

(43) Publication Date: 26/12/2014

(54) Title of the invention: SAFETY BLOOD COLLECTION SYRINGE HAVING AN AUTOMATICALLY ACTIVATED RETRACTABLE NEEDLE

(51) International :A61M5/32,A61B5/15,A61M5/315

classification :61/494632 (31) Priority Document No

(32) Priority Date :08/06/2011 (33) Name of priority country :U.S.A.

(86) International Application :PCT/US2012/041505

No :08/06/2012 Filing Date

(87) International Publication

:WO 2012/170788

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to Application :NA Number :NA Filing Date

(71)Name of Applicant:

1)BECTON DICKINSON AND COMPANY

Address of Applicant: 1 Becton Drive Franklin Lakes New

Jersey 07417 U.S.A. (72)Name of Inventor: 1)KOLB Matthew L.

(57) Abstract:

A syringe assembly (100) for fluid collection includes a housing (102) having a sidewall defining a hollow bore therein and an elongate plunger (122) with the distal end of the plunger forming a chamber within the hollow bore for containing a fluid therein. The plunger is adapted for slideable movement within the hollow bore between an initial position and a retracted position. The assembly includes a needle hub (112) disposed within the hollow bore proximal of the stopper (130) and supporting a cannula (114). The hub is adapted to automatically transition from an initial position in which at least a portion of the cannula is disposed external to the housing to a retracted position in which the cannula is fully shielded by the housing upon transition of the elongate plunger from the initial position to the retracted position.

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

(21) Application No.10900/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :18/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention : HEAD RESTRAINT FOR A VEHICLE SEAT AND METHOD FOR PRODUCING SAID HEAD RESTRAINT

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:10 2011 106 857.4 :05/07/2011 :Germany	(71)Name of Applicant: 1)JOHNSON CONTROLS GMBH Address of Applicant: Industriestrae 20 30 51399 Burscheid Germany (72)Name of Inventor: 1)PETERS Jan Hendrik 2)HENNIG Lars 3)PIETRUS Reiner 4)GOTTWALD Martin
Number		<i>'</i>
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The invention relates to a head restraint for a vehicle seat, with a holding element (2) which, in the fitted state, is fastenable to a backrest of the vehicle seat, wherein a support element (1) for holding a pad formed from a foamed 10 material is fastened to the holding element (2). According to the invention, the support element (1) is formed from a repeatedly bent and/or folded material. The invention furthermore relates to a method for producing a head restraint for a vehicle seat with a holding element (2) 15 which, in the fitted state, is fastened to a backrest of the vehicle seat, wherein a support element (1) for holding a pad formed from a foamed material is fastened to the holding element (2). According to the invention, a material is repeatedly bent and/or folded in order to produce the 20 support element (1).

No. of Pages: 20 No. of Claims: 15

(22) Date of filing of Application: 18/12/2013 (43) Publication Date: 26/12/2014

(54) Title of the invention: WET CLUTCH FOR A MOTORCYCLE

(51) International classification :F16D13/64 (31) Priority Document No :10 2011 106 021.2 (32) Priority Date :30/06/2011 (33) Name of priority country :Germany (86) International Application No :PCT/DE2012/000651 Filing Date :28/06/2012 :WO 2013/000455 (87) International Publication No

(61) Patent of Addition to Application :NA Number :NA

Filing Date (62) Divisional to Application Number :NA Filing Date :NA (71)Name of Applicant:

1)SCHAEFFLER TECHNOLOGIES AG & CO. KG

Address of Applicant : Industriestrae 1 3 91074

Herzogenaurach Germany

(72)Name of Inventor: 1)RABER Christoph

2)GANTER Rainer

3)CHAMBRION Martin

4)KELLER Marion

5)DECKER Florian

6) RITTER Raimund

7)ST-LZLE J¹/₄rgen

8) SPERBER Matthias

9)KOZLOWSKI Frank

10)RAATZ Joachim

(57) Abstract:

A wet clutch for a motorcycle comprises an outer basket having a first toothing as the input side of the wet clutch, an inner basket which is coaxial to the outer basket having a second toothing as the output side of the wet clutch, first frictional elements which are torsionally connected to the outer basket, second frictional elements which are torsionally connected to the inner basket, the first and second frictional elements being situated axially alternating between the inner basket and the outer basket, and a clamping element to compress the first and second frictional elements axially in order to produce a torsional connection between the input side and the output side. The inner basket and/or the outer basket can essentially be produced from one or more sheet metal parts.

No. of Pages: 102 No. of Claims: 9

(22) Date of filing of Application: 18/12/2013 (43) Publication Date: 26/12/2014

(54) Title of the invention: VOLTAGE REGULATOR DEVICE

(51) International classification	:B60L11/18,H02M7/797	(71)Name of Applicant :
(31) Priority Document No	:MI2011A001395	1)PIAGGIO & C. S.p.A.
(32) Priority Date	:26/07/2011	Address of Applicant :Viale Rinaldo Piaggio 25 I 56025
(33) Name of priority country	:Italy	Pontedera (Pisa) Italy
(86) International Application No	:PCT/EP2012/064375	(72)Name of Inventor:
Filing Date	:23/07/2012	1)BELLOMINI Andrea
(87) International Publication No	:WO 2013/014115	2)MILANI JeanPaul
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.TVA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(21) Application No.10903/DELNP/2013 A

(57) Abstract:

(19) INDIA

A voltage regulator device (10) is described, applicable to the electrical system of a motor vehicle of the type com o prising at least an electrical machine consisting of a three-phase generator and at least an accumulator (12). The voltage regulator device (10) comprises a rectifier bridge and a voltage rising circuit (16) provided with a first series of power elements (20). The voltage rising circuit (16) comprises one or more inductors (14) the winding inductance of stator phase of which is exploited in order to raise the phase voltage above the level of the voltage provided by the accumulator (12), so that it is possible to supply current to the electrical loads of the vehicle since a very low rotation regime of the engine of the vehicle itself.

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

(21) Application No.10904/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :18/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention : SYSTEM OF CONTAINERS HAVING INTERCHANGEABLE COMPONENTS AND METHOD OF MANUFACTURING THE SAME

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:NA :NA :NA :PCT/US2011/044878 :21/07/2011 :WO 2013/012426 :NA :NA	(71)Name of Applicant: 1)COLGATE PALMOLIVE COMPANY Address of Applicant: 300 Park Avenue New York NY 10022 U.S.A. (72)Name of Inventor: 1)CRAWFORD John C.
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The present invention in one aspect is directed to a system of containers having interchangeable container bodies (110 210) and closures (150 250). The system comprises at least two container bodies having different three dimensional geometries and at least two closures having different three dimensional geometries. Each of the closures comprises a fitment that can be coupled to a coupling structure (130 230) of each of the container bodies thereby affording each of the closures the ability to be coupled to each of the container bodies and vice versa. As a result the formation of only two different closures and two different container bodies results in the ability to create four different containers by simply rearranging the closure/container body combination.

No. of Pages: 38 No. of Claims: 33

(21) Application No.10757/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application: 13/12/2013 (43) Publication Date: 26/12/2014

(54) Title of the invention: CONTINUOUS FIRING FURNACE

:NA

:NA

:F27B9/02,F27B9/22,F27B9/36 (71)Name of Applicant : (51) International classification 1)IHI Corporation (31) Priority Document No :2011147899 Address of Applicant :1 1 Toyosu 3 chome Koto ku Tokyo (32) Priority Date :04/07/2011 (33) Name of priority country :Japan 1358710 Japan (86) International Application No :PCT/JP2012/065258 2) IHI Machinery and Furnace Co. Ltd. Filing Date :14/06/2012 (72)Name of Inventor: (87) International Publication No: WO 2013/005552 1)MORI Kazumi (61) Patent of Addition to 2)MATSUDA Yoshiyasu :NA **Application Number** 3)KURODA Yukio :NA Filing Date 4)KANEKO Tatsuto (62) Divisional to Application

(57) Abstract:

Filing Date

Number

This continuous firing furnace is provided with one or a plurality of heating units (120) which respectively have: cases (120b) that are respectively provided with through holes (120a) in the transfer direction of subjects to be heated; heating sections (160) for heating the subjects to be heated; and movable sections (150) which are provided below the cases and support the cases such that the cases can move in the horizontal direction. The through holes are formed in the transfer direction such that the through holes can communicate with each other. The furnace is also provided with: one or a plurality of cooling units (122) each of which has a case (122b) provided with a through hole (122a) in the transfer direction of the subjects to be heated and a cooling section (170) for cooling the subjects to be heated said cooling units being formed to communicate with the through holes of the heating units and cooling the subject to be heated; and a pressing section (124) that presses in the transfer direction the one or the plurality of heating units and the one or the plurality of cooling units. Between the heating units and between the heating unit(s) and the cooling unit(s) are connected by the pressing performed by the pressing section.

No. of Pages: 29 No. of Claims: 7

(22) Date of filing of Application :13/12/2013 (43) Publication Date: 26/12/2014

(54) Title of the invention: CLOSURE ELEMENT FOR PIPE ENDS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	:F16L57/00 :10 2011 052 227.1 :28/07/2011 :Germany :PCT/EP2012/064316 :20/07/2012 :WO 2013/014089	(71)Name of Applicant: 1)V & M DEUTSCHLAND GMBH Address of Applicant:Rather Kreuzweg 106 40472 D¹/4sseldorf Germany (72)Name of Inventor: 1)SCHNEIDER Gerald 2)BECKMANN Dieter
(61) Patent of Addition to Application Number Filing Date	:NA :NA	3)KETZER Volker
(62) Divisional to Application Number Filing Date	:NA :NA	

(21) Application No.10758/DELNP/2013 A

(57) Abstract:

(19) INDIA

The invention relates to a closure element (1) for closing the ends of pipes in particular steel pipes comprising a circular bottom cover (2) the outside diameter of which corresponds at most to the outside diameter of the pipe and a side facing the pipe interior which side has at least two elastic clamping elements (5) that are supported on the inner surface of the pipe in the installed state and thus clamp the bottom cover (2). In order to enable more universal use the closure element has means for optionally adjusting/changing the radial position of the clamping elements (5) on the bottom cover (2).

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

(22) Date of filing of Application: 13/12/2013 (43) Publication Date: 26/12/2014

(54) Title of the invention: DRUG DELIVERY DEVICE AND ADAPTOR

(51) International classification :A61M39/10,A61M5/31 (71)Name of Applicant : 1)BECTON DICKINSON FRANCE (31) Priority Document No :11305928.1 Address of Applicant :Rue Aristide Berg"s F 38800 Le Pont (32) Priority Date :15/07/2011 (33) Name of priority country :EPO De Claix France (86) International Application No :PCT/EP2012/063829 (72)Name of Inventor: 1)PONCON Gilbert Filing Date :13/07/2012 (87) International Publication No :WO 2013/010953 (61) Patent of Addition to Application :NA :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(21) Application No.10759/DELNP/2013 A

(57) Abstract:

(19) INDIA

The present invention relates to a drug delivery device (100) comprising: a reservoir (10) for a product said reservoir having a distally projecting end piece (20) defining an axial passageway for the transfer of the product said end piece having a distal portion (23) an adaptor (30) having a collar (31) engageable around said end piece securing means (13 24) for locking the axial movement of said collar with respect to said end piece wherein said adaptor further comprises a foldable element (36 34) capable of going from a folded configuration in which said foldable element substantially surrounds said distal portion of said end piece and an unfolded configuration in which said foldable element leaves said distal portion uncovered. The invention also relates to such an adaptor.

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

(21) Application No.1724/DEL/2013 A

(19) INDIA

(22) Date of filing of Application :10/06/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: DISTRACTION, COMPRESSION AND EXTENSION REDUCTION OF BASILAR INVAGINATION AND ATLANTO AXIAL DISLOCATION: A NOVEL PILOT TECHNIQUE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	:A61B17/00 :NA :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)ALL INDIA INSTITUTE OF MEDICAL SCIENCES Address of Applicant: Ansari Nagar, New Delhi, India Delhi India (72)Name of Inventor: 1)Sarat P. Chandra
 (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:

NOVEL TECHNIQUES FOR REDUCTION OF BASILAR IWAGINATION AND ATLANTO AXIAL DISLOCATION AND SURGICAL INSTRUMENTS THEREOF The present invention pertains to the field of neurosurgery and describes new methods to reduce basilar invagination (BI) and atlanto-axial dislocation (AAD). The invention further discloses novel surgical instruments useful in reducing basilar invagination @I) and atlanto-axial dslocation (AAD). The novel techniques disclosed include distraction, compression and extension reduction and dynamic distraction coupled with cable compression.

No. of Pages: 42 No. of Claims: 34

(21) Application No.10879/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :17/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention : METHOD AND DEVICE FOR HANDLING BASE SEQUENCES IN A COMMUNICATIONS 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 	:29/06/2012 :WO 2013/002726 :NA :NA :NA	(71)Name of Applicant: 1)TELEFONAKTIEBOLAGET LM ERICSSON (PUBL) Address of Applicant :Ericsson AB Patent Unit Kista RAN 1 S 164 80 Stockholm Sweden (72)Name of Inventor: 1)SORRENTINO Stefano
Filing Date	:NA :NA	

(57) Abstract:

The embodiments herein relate to a method in a network node (103), a network node (103), a method in a user equip o ment (105) and a user equipment for handling base sequences in a communications network (100). The network node (103) is con figured to communicate with a first user equipment (105). The network node (103) comprises information about a default base se o quence and an alternative base sequence. The network node (103) determines(405, 505, 901), for the first user equipment (105), that the alternative base sequence should replace the default base sequence. The network node (103) sends (406, 506, 902) information about the determined alternative base sequence to the first user equipment (105).

No. of Pages: 51 No. of Claims: 21

(21) Application No.11072/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :23/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: SEMICONDUCTOR DEVICE

(51) International classification :H01L29/786,H01L21/336 (71)Name of Applicant : 1)SEMICONDUCTOR ENERGY LABORATORY CO. (31) Priority Document No :2011215682 (32) Priority Date :29/09/2011 LTD. (33) Name of priority country Address of Applicant :398 Hase Atsugi shi Kanagawa :Japan (86) International Application No 2430036 Japan :PCT/JP2012/074814 Filing Date :20/09/2012 (72)Name of Inventor: (87) International Publication No :WO 2013/047629 1)HONDA Tatsuva (61) Patent of Addition to Application 2)TSUBUKU Masashi :NA 3)NONAKA Yusuke :NA Filing Date 4)SHIMAZU Takashi (62) Divisional to Application Number: NA 5)YAMAZAKI Shunpei Filing Date

(57) Abstract:

A semiconductor device includes a gate electrode, a gate insulating film which includes oxidized material containing o silicon and covers the gate electrode, an oxide semiconductor film provided to be in contact with the gate insulating film and overlap with at least the gate electrode, and a source electrode and a drain electrode electrically connected to the oxide semiconductor film. o In the oxide semiconductor film, a first region which is provided to be in contact with the gate insulating film and have a thickness less than or equal to 5 nm has a silicon concentration lower than or equal to 1.0 at. %, and a region in the oxide semiconductor film other than the first region has lower silicon concentration than the first region. At least the first region includes a crystal portion.

No. of Pages: 102 No. of Claims: 19

(21) Application No.1734/DEL/2013 A

(19) INDIA

(22) Date of filing of Application :11/06/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention : AN HERBAL ANIT-MITE FORMULATION FOR TREATMENT OF RABBIT EAR CANKER AND ASSOCIATED INFECTIONS

(51) International classification	:A61K36/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)AMITY UNIVERSITY
(32) Priority Date	:NA	Address of Applicant :AMITY UNIVERSITY CAMPUS,
(33) Name of priority country	:NA	SECTOR-125, NOIDA201303, UP, INDIA Uttar Pradesh India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)VARUGHESE GEORGE
(87) International Publication No	: NA	2)PALPU PUSHPANGADAN
(61) Patent of Addition to Application Number	:NA	3)THADIYAN PARAMBIL IJINU
Filing Date	:NA	4)ASWANY THOMAS
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention relates to an herbal synergistic anti-mite formulation. The composition comprises the extracts of Curcuma longa, Artemisia pallens, Chromolaena odorata and Syzygium aromaticum in Azadirachta indica seed oil. The process comprises the preparation of the extracts of the above herbs and the composition is in topical dosage form selected from the group of oil or ointment or cream.

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

(21) Application No.1750/DEL/2013 A

(19) INDIA

(22) Date of filing of Application :12/06/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: RECOMBINANT PROTEINS FOR DIAGNOSIS OF GLANDERS

(51) International classification	:C07K14/00	(71)Name of Applicant:
(31) Priority Document No	:NA	1)DIRECTOR GENERAL, DEFENCE RESEARCH AND
(32) Priority Date	:NA	DEVELOPMENT ORGANIZATION
(33) Name of priority country	:NA	Address of Applicant :MINISTRY OF DEFENCE, GOVT. OF
(86) International Application No	:NA	INDIA, ROOM NO. 348, B-QING DRDO BHAWAN, RAJAJI
Filing Date	:NA	MARG NEW DELHI-110001, INDIA Delhi India
(87) International Publication No	: NA	(72)Name of Inventor:
(61) Patent of Addition to Application Number	:NA	1)PAL, VIJAI
Filing Date	:NA	2)KUMAR, SUBODH
(62) Divisional to Application Number	:NA	3)SINGH, SANDEEP
Filing Date	:NA	4)RAI, GANGA PRASAD

(57) Abstract:

Recombinant proteins for the detection and diagnosis of glanders are provided herein. In particular, the present invention relates to the identification, cloning, and characterization of the polynucleotide sequences encoding 0375H, and 0375TH proteins that enable the detection of Burkholderia mallei antigen in a serum sample. The present invention further provides recombinant DNA expression cassette, DNA construct, and recombinant host cell comprising the polynucleotide sequences encoding 0375H and 0375TH. The present invention also provides a method incorporating the recombinant £ proteins for the diagnosis of glanders.

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

(21) Application No.1796/DEL/2013 A

(19) INDIA

(22) Date of filing of Application :18/06/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: METHOD AND DEVICE FOR INSTANT COOLING OF NEONATES

(51) International classification	:A61K	(71)Name of Applicant :
(31) Priority Document No	:NA	1)PLUSS POLYMERS PVT. LTD.
(32) Priority Date	:NA	Address of Applicant :101, ANUPAM APARTMENT, M B
(33) Name of priority country	:NA	ROAD, NEW DELHI-110068. Delhi India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)APOOVA BALWANI
(87) International Publication No	: NA	2)NISHIT SONI
(61) Patent of Addition to Application Number	:NA	3)DEVENDRA JAIN
Filing Date	:NA	4)SUMAN KUMARI
(62) Divisional to Application Number	:NA	5)DR. NIRANJAN THOMAS
Filing Date	:NA	

(57) Abstract:

The present invention relates to a life cradle device for the purpose of inducing therapeutic hypothermia in neonates suffering from birth asphyxia. The device essentially consists of a rigid outer skeleton which could be fitted with removable mattresses containing form stable organic phase change materials effecting instant and sustained cooling. Multiple compartments of different phase change material composition functional at different temperatures are arranged in layers to replicate cooling performances as in conventional cascading systems. The device is also designed to have thermo-chromic indicators with an option of probes for automation control techniques. The device may also be fitted with thermostat controlled infant radiant warmer to automatically switch on when the infant is cooled down below requirement as a safety consideration.

No. of Pages: 27 No. of Claims: 11

(19) INDIA

(22) Date of filing of Application :17/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: VIBRATORY AND OSCILLATORY TOOTHBRUSH AND REFILL HEAD FOR THE SAME

(21) Application No.10855/DELNP/2013 A

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:A61C17/34 :61/506947 :12/07/2011 :U.S.A. :PCT/US2012/023770 :03/02/2012 :WO 2013/009360 :NA :NA	(71)Name of Applicant: 1)COLGATE PALMOLIVE COMPANY Address of Applicant: 300 Park Avenue New York New York 10022 U.S.A. (72)Name of Inventor: 1)FATTORI Joseph E.
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A refill head, and a powered toothbrush including the same, wherein the refill head comprises a head portion including a mov able tuft block that is rotated via operable coupling to a primary drive shaft of the handle. The head portion of the refill head is also receives vi brations from an eccentric that is operated by the primary drive shaft.

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

(21) Application No.10856/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :17/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: TOOTHBRUSH AND TOOTHBRUSH HANDLE

(51) International classification	:A61C17/22,A61C17/34	(71)Name of Applicant :
(31) Priority Document No	:61/506970	1)COLGATE PALMOLIVE COMPANY
(32) Priority Date	:12/07/2011	Address of Applicant :300 Park Avenue New York NY 10022
(33) Name of priority country	:U.S.A.	U.S.A.
(86) International Application No	:PCT/US2012/023779	(72)Name of Inventor:
Filing Date	:03/02/2012	1)FATTORI Joseph E.
(87) International Publication No	:WO 2013/009362	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A toothbrush handle, and toothbrush incorporating the same, wherein the handle comprises a stem to be slidably inserted into a refill head. An aperture in the stem defines a latch having a locking lug 1000 that operably mates with a locking lug of the refill head to axially retain the refill head to the handle. A resilient material seals the aperture to provide increased rigidity to the latch.

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

(21) Application No.10857/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application: 17/12/2013 (43) Publication Date: 26/12/2014

(54) Title of the invention: TOOTHBRUSH AND REFILL HEAD FOR THE SAME

(51) International classification	:A61C17/22,A61C17/34	(71)Name of Applicant:
(31) Priority Document No	:61/506986	1)COLGATE PALMOLIVE COMPANY
(32) Priority Date	:12/07/2011	Address of Applicant :300 Park Avenue New York NJ 10022
(33) Name of priority country	:U.S.A.	U.S.A.
(86) International Application No	:PCT/US2012/023780	(72)Name of Inventor:
Filing Date	:03/02/2012	1)FATTORI Joseph E.
(87) International Publication No	:WO 2013/009363	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A refill head, and oral care implement incorporating the same, wherein the refill head can be uncoupled from a stem of a handle by compressing a 1000 portion of a tubular sleeve of the refill head radially inward, thereby retracting a locking lug of the refill head radially outward.

No. of Pages: 26 No. of Claims: 28

(21) Application No.10858/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application: 17/12/2013 (43) Publication Date: 26/12/2014

(54) Title of the invention: VIBRATION DAMPENING 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 	:13/155522 :08/06/2011 :U.S.A.	(71)Name of Applicant: 1)MATSCITECHNO LICENSING COMPANY Address of Applicant:143 Viburnum Drive Kennett Square PA 19348 U.S.A. (72)Name of Inventor: 1)VITO Robert A. 2)DIMARIO Carmen N. 3)FALONE Thomas
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(57) Abstract:

A vibration reducing headgear assembly 1 00 (1700) including a circumferential band (1702) and a plural ity of straps (1710) extending from the band to define a dome structure (1718), each strap including vibration reducing ma terial (10) including at least a first elastomer layer (12) and a reinforcement layer (14) comprising a high tensile strength fibrous material.

No. of Pages: 105 No. of Claims: 18

(21) Application No.10859/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application: 17/12/2013 (43) Publication Date: 26/12/2014

(54) Title of the invention: CAST MOULD AND METHOD FOR MANUFACTURING CONTACT OR INTRAOCULAR LENSES

(51) International :B29D11/00,B29C45/57,B29C33/30 classification

:NA

(31) Priority Document No :2006921 :09/06/2011 (32) Priority Date (33) Name of priority country: Netherlands

(86) International Application :PCT/NL2012/050404

No :11/06/2012

Filing Date

(87) International Publication: WO 2012/169894 No

(61) Patent of Addition to :NA

Application Number :NA Filing Date (62) Divisional to Application:NA Number

Filing Date

(71)Name of Applicant: 1)INNOVALENS B.V.

Address of Applicant: Marinus van Meelweg 2 NL 5657 EN

Eindhoven Netherlands (72)Name of Inventor:

1)VAN DIJK Emerentius Maria Josephus Antonius

2)SINKELDAM Joery Johannes

(57) Abstract:

A cast mould (10) for manufacturing a contact lens or an intraocular lens, wherein the cast mould is provided with a central part (24) and a bearing ring (28) and a flexible connection (30a) between the central part and the bearing ring. Further, an in jection mould (52, 43) is provided for manufacturing such a cast mould and a method for manufacturing such a cast mould. The injec 10 tion mould is provided with a mould cavity (56) with a plunger (64) biased by spring means (68) towards the mould cavity which serves for compensating shrinkage which occurs during the curing of the plastic injected into the injection mould. Also described is a method for manufacturing a contact lens or intraocular lens with the aid of the cast mould, as well as a contact lens or intraocular lens obtained with this method.

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

(21) Application No.1794/DEL/2013 A

(19) INDIA

(22) Date of filing of Application :18/06/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: AUTOMATIC STALGMOMETER WITH A SENSOR

(51) International classification	:G01N13/02	(71)Name of Applicant:
(31) Priority Document No	:NA	1)RBEF, NEW DELHI
(32) Priority Date	:NA	Address of Applicant :B-27, DEFENCE COLONY, NEW
(33) Name of priority country	:NA	DLEHI-110024. Delhi India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)SHASHI CHAWLA
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention relates to an improved automatic stalagrnometer with a sensor that helps in announcing that desired volume of liquid has been taken inside the stalagrmometer. Sensor S1 helps in giving an alert for announcing the start of the experiment. Sensor S3 helps in first alerting and then announcing the end of the experiment. Sensor S4 helps in announcing the number of drops formed by the liquid for the volume marked between two reference levels at positions A and B (for the time between start and end of the experiment).

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

(21) Application No.10949/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :19/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: RAZOR CARTRIDGE WITH SKIN CONTACT ELEMENT

(51) International classification	:B26B21/40	(71)Name of Applicant :
(31) Priority Document No	:11170653.7	1)THE GILLETTE COMPANY
(32) Priority Date	:21/06/2011	Address of Applicant :World Shaving Headquarters IP/Legal
(33) Name of priority country	:EPO	Patent Department 3E One Gillette Park Boston Massachusetts
(86) International Application No	:PCT/US2012/043225	02127 U.S.A.
Filing Date	:20/06/2012	(72)Name of Inventor:
(87) International Publication No	:WO 2012/177683	1)HOWELL Daren Mark
(61) Patent of Addition to Application	:NA	2)WHITTINGHAM Andrew Martin
Number	:NA	
Filing Date	37.4	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A razor cartridge (10) has a housing (16), a guard (40) located at a front (18) of the housing and a cap (42) located at a rear (20) of the housing. A skin contact element (50) is disposed in the housing partway between the guard and the cap. A skin contact plane (P) defines a plane (PIA) tangential to the guard and the skin contact element and a plane (P2A) tangential to the skin contact element and the cap. One or more blades (12) are located between the guard and the skin contact element, each of the blades having a cutting edge (12) located at a distance y i between 70mih and 300 mih and at an angle a i between 20° and 45° below the skin contact plane. One or more blades are located between the skin contact element and the cap, each of the blades having a cutting edge located at an angle a2 above or below the skin contact plane, wherein a2 is lower in magnitude than 3⁄4.

No. of Pages: 49 No. of Claims: 10

(19) INDIA

(22) Date of filing of Application :07/06/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: TENSIONER AND METHOD OF ASSEMBLING THE SAME

(51) International classification	:F16H7/00	(71)Name of Applicant:
(31) Priority Document No	:NA	1)STRONG WAY INDUSTRIAL CO., LTD.
(32) Priority Date	:NA	Address of Applicant :NO. 8-6, WANJIN RD., DASHE
(33) Name of priority country	:NA	DIST., KAOHSIUNG CITY 815, TAIWAN, POSTAL CODE:
(86) International Application No	:NA	815 Taiwan
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)LEE, SHUI-TA
(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 assembling a tensioner (2) includes steps (A), (B), and (C). In step (A), an elongate spring strip (8) is rolled to form a semi-product (81). The semi-product (81) has a first section (811) rolled into a scroll-shape, and a second section (812) extending integrally from the first section (811) and having a strip shape. In step (B), the first section (811) of the semi-product (81) is coupled to a plunger mechanism (42), followed by connecting a cover member (41) and the plunger mechanism (42) to a housing (3), with the second section (812) of the semi-product (81) extending through a slit (34) in a surrounding wall part (32) of the housing (3). In step (C), the plunger mechanism (42) is driven to form the semi-product (81) into a scroll spring (43).

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

(21) Application No.1736/DEL/2013 A

(19) INDIA

(22) Date of filing of Application :11/06/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: GRAPHIC SELF-DIAGNOSTIC SYSTEM AND METHOD

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (26) International Application No. 	:NA :NA :NA	(71)Name of Applicant: 1)GE MEDICAL SYSTEMS GLOBAL TECHNOLOGY COMPANY, LLC Address of Applicant: 3000 NORTH GRANDVIEW
(86) International Application No Filing Date	:NA :NA	BOULEVARD, WAUKESHA, WI 53188-1696, U.S.A. U.S.A. (72)Name of Inventor:
(87) International Publication No	: NA	1)DU, HAITAO
(61) Patent of Addition to Application Number Filing Date	:NA :NA	2)MA, SHUNYAO
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention is to provide a graphic self-diagnostic system and method. The graphic self-diagnostic system comprises an input device for inputting a self-diagnostic request and rendering request of a user; a graphic self-diagnostic device, comprising a failure database module, a failure scan module and a rendering module, for diagnosing one or more parts of the equipment being diagnosed and for generating the graphic diagnostic result; and an output device for outputting the graphic diagnostic result. The present invention may be applied to large scale complex equipment such as radiographic machine, CT equipment and magnetic resonance equipment, and may also be applied to conventional equipment such as household appliance, personal computer (PC). A user of the equipment can easily identify the specific failed part and accordingly handle it with the use of the graphic self-diagnostic system and method, thereby reducing related maintenance cost and reducing shut-down time.

No. of Pages: 27 No. of Claims: 29

(21) Application No.1800/DEL/2013 A

(19) INDIA

(22) Date of filing of Application :18/06/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: STOP ON SPOT SYSTEM

(51) International classification :B23K (31) Priority Document No :NA (32) Priority Date :NA (33) Name of priority country :NA (86) International Application No :NA Filing Date :NA (87) International Publication No :NA (61) Patent of Addition to Application Number Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA Filing Date :NA	(71)Name of Applicant: 1)AMIT KUMAR GUPTA Address of Applicant: HIG 1/7, PRAGATIPURAM COLONY RAIBAREILLY 229001 Uttar Pradesh India (72)Name of Inventor: 1)AMIT KUMAR GUPTA
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(57) Abstract:

This mechanical system is developed with the aim to overcome the problems related to accidents. This mechanical system worked exclusively in four wheelers. The system is completely button/ switch operated. After switching on the button, the rods attached inside the vehicle comes out immediately and applying a breaking force on wheels. This system is completely safe.

No. of Pages: 6 No. of Claims: 4

(21) Application No.10837/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :17/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention : OXAZOLE AND THIAZOLE DERIVATIVES AS SELECTIVE PROTEIN KINASE INHIBITORS (C KIT)

(51) International :C07D413/10,C07D413/14,C07D417/10

classification

(31) Priority Document :61/512165

No

(32) Priority Date :27/07/2011
(33) Name of priority

country

(86) International

Application No Filing Date

:PCT/EP2012/064539 :24/07/2012

:U.S.A.

(87) International

Publication No :WO 2013/014170

(61) Patent of Addition to
Application Number
:NA

Filing Date
(62) Divisional to
Application Number

NA

:NA

Filing Date :NA

(71)Name of Applicant:

1)AB SCIENCE

Address of Applicant :3 avenue George V F 75008 Paris

France

(72)Name of Inventor:

1)BENJAHAD Abdellah

2)MOUSSY Alain

3)CHEVENIER Emmanuel

4)PICOUL Willy 5)LERMET Anne 6)PEZ Didier

7)MARTIN Jason

8)SANDRINELLI Franck

(57) Abstract:

The present invention relates to compounds of formula I or pharmaceutically acceptable salts thereof: wherein R R R R A Q W and X are as defined in the description. These compounds selectively modulate regulate and/or inhibit signal transduction mediated by certain native and/or mutant proteine kinases implicated in a variety of human and animal diseases such as cell proliferative metabolic allergic and degenerative disorders. More particularly these compounds are potent and selective native and/or mutant c kit inhibitors.

No. of Pages: 120 No. of Claims: 27

(21) Application No.10838/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :17/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: PROCESS FOR THE ALKYLATION OF AROMATIC HYDROCARBONS WITH C1 C8 ALCOHOLS

(51) International classification: C07C2/86, C07C37/08, C07C39/04 (71) Name of Applicant: (31) Priority Document No 1)VERSALIS S.P.A. :MI2011A001143 (32) Priority Date Address of Applicant: Piazza Boldrini 1 San Donato Milanese :23/06/2011 (33) Name of priority country I 20097 Milano Italy :Italy (72)Name of Inventor: (86) International Application :PCT/EP2012/061968 No 1)CALARESU Paolo :21/06/2012 Filing Date 2)BENCINI Elena (87) International Publication 3)CASALINI Alessandro :WO 2012/175614 4)DEL SEPPIA Alessandro (61) Patent of Addition to 5)FOIS Giovanni Antonio :NA **Application Number** :NA Filing Date (62) Divisional to Application :NA Number

(57) Abstract:

Filing Date

Process for the alkylation of aromatic hydrocarbons by means of aliphatic alcohols containing from 1 to 8 carbon atoms, which comprises feeding the hydrocarbon and alcohol to the head of a fixed-bed reactor, operating with trickle flow regime, S containing at least one layer of a catalyst comprising a zeolite selected from medium-pore zeolites and large-pore zeolites.

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

:NA

(21) Application No.10839/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application: 17/12/2013 (43) Publication Date: 26/12/2014

(54) Title of the invention: ALLOCATING RESOURCES AND TRANSMITTING DATA IN MOBILE TELECOMMUNICATION SYSTEMS COMPRISING MACHINE TYPE COMMUNICATION APPLICATIONS

(51) International :H04L5/00,H04L27/26,H04W72/04

classification

(31) Priority Document No :1113800.5 (32) Priority Date :11/08/2011 (33) Name of priority country: U.K.

(86) International Application :PCT/GB2012/051902

No :06/08/2012 Filing Date

(87) International Publication :WO 2013/021188

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to Application :NA Number Filing Date

:NA

(71)Name of Applicant:

1)SCA IPLA HOLDINGS INC

Address of Applicant :550 Madison Avenue New York New

York 10022 U.S.A. (72)Name of Inventor: 1)BEALE Martin 2)DARWOOD Peter 3)MCNAMARA Darren

4)MORIOKA Yuichi 5)YOSHIZAWA Atsushi

(57) Abstract:

A method of communicating data in a wireless telecommunications system between a plurality of base stations and a plurality of terminal devices using a plurality of Orthogonal Frequency Division Multiplex, OFDM, sub-carriers spanning a first fre quency bandwidth is described. The method comprises communicating data between a first base station and a first terminal device using a first group of the OFDM sub-carriers distributed across the first frequency bandwidth, communicating data between a second base station, which is geographically separated from the first base station, and a second terminal device using a second group of the OFDM sub-carriers distributed across a second frequency bandwidth, wherein the second frequency bandwidth is smaller than and o within the first frequency bandwidth; and communicating control-plane data between the first base station and the first terminal device using a combination of the first and second groups of the OFDM sub-carriers. Guard regions may be provided in the fre o quency domain between frequencies of transmissions associated with the first base station and frequencies of transmissions associated with the second base station. This can help reduce unintended overlaps in transmissions from the two base stations if there is a frequency mismatch between them.

No. of Pages: 66 No. of Claims: 16

(21) Application No.1726/DEL/2013 A

(19) INDIA

(22) Date of filing of Application :10/06/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: AIR CONDITIONED SLEEPING SYSTEM

(51) International classification (31) Priority Document No	:A47G9/00 :NA	(71)Name of Applicant: 1)SANJAY K. CHAWLA
(32) Priority Date	:NA	Address of Applicant :295, ASIAN GAMES VILLAGE, NEW
(33) Name of priority country (86) International Application No	:NA :NA	DELHI 110049 INDIA Delhi India (72)Name of Inventor:
Filing Date	:NA	1)SANJAY K. CHAWLA
(87) International Publication No	: NA	
(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 relates to a Bed, more specifically to a type of a four Poster Bed (or a canopy type of bed) comprising an air conditioner unit coupled to a sleeping area within the four poster bed wherein the wherein the different parts of the air conditioner unit may be coupled to head, foot, side, canopy, underneath the bed or to a combination thereof.

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

(19) INDIA

(22) Date of filing of Application :19/06/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: PUSA BASMATI RICE THRESHER

(51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date (88) International Publication Number Filing Date (89) Divisional to Application Number Filing Date (10) Divisional to Application Number Filing Date (11) Divisional to Application Number Filing Date (12) Divisional to Application Number Filing Date	PRASAD ROAD, NEW DELHI-110001 Delhi India (72)Name of Inventor: 1)SINHA, JAGNNATH PRASAD 2)JHA, SUNIL KUMAR 3)DIXIT, ANOOP KUMAR 4)KHURANA, ROHINESH 5)SAMUEL, DAVID VIJAY KUMAR 6)MANESH, GURSAHIB SINGH 7)ATWAL, SALWINDER SINGH
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(57) Abstract:

The present invention relates to a machine for threshing of basmati rice or other cereals. More particularly, this invention relates to a threshing machine especially for Basmati Rice, in which a separation of kernels from plant parts occurs with least or no mechanical injury. It essentially consists of threshing cylinder, cleaning unit, feeding system and frame. It facilitates threshing of basmati crop with the least mechanical injury, either visible or invisible, for further seed multiplication or grain production. The present invention is compact and equipped with farm transportation wheels. It facilitates field level threshing operation, minimizes the problem of bulk handling and reduces losses in handling. It also comply safety norms of farm machines.

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

(21) Application No.11064/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :23/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: MICRO PORT SHELL AND TUBE 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 	:F28D7/16,F28F1/02 :61/501542 :27/06/2011 :U.S.A. :PCT/US2012/044255 :26/06/2012 :WO 2013/003375 :NA :NA	(71)Name of Applicant: 1)CARRIER CORPORATION Address of Applicant: 1 Carrier Place Farmington Connecticut 06034 U.S.A. (72)Name of Inventor: 1)TARAS Michael F. 2)ESFORMES Jack Leon 3)BENDAPUDI Satyam Dr.
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(57) Abstract:

A heat exchanger (10) adapted to transmit a first fluid (32) through an interior (21) having a tubular body (40) receptive of a second fluid (41) whereby heat transfer occurs between the fluids is provided the tubular body extending longitudinally through the interior having a non circular cross section (42) and being formed to define microchannels (50) extending longitudinally along the tubular body through which the second fluid is transmitted.

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

(21) Application No.11065/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :23/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: HEART VALVE REPAIR DEVICES AND METHODS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	:A61F2/24 :61/502573 :29/06/2011 :U.S.A. :PCT/IB2012/001263 :26/06/2012 :WO 2013/001339	(71)Name of Applicant: 1)MITRALIX LTD. Address of Applicant: 1 Hamada Street 76703 Rehovot Israel (72)Name of Inventor: 1)YARON Ira
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Devices and methods for the repair of the functioning of heart valves are provided. A device may comprise a first sec o tion having a generally spiral shape and a second section connected to the first section. A method involves positioning the device such that chords associated with the heart valve are positioned within the path of the generally spiral shape of the first section and positioning the second section on an opposite side of the heart valve. The first section may be turned in a manner such that the chords move closer to the center of the first section. The first section draws the chords closer together, thereby pulling the valve leaf lets closer together in order to facilitate their coaptation and proper closing.

No. of Pages: 46 No. of Claims: 50

(19) INDIA

(22) Date of filing of Application :23/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: ABSORBENT ARTICLE WITH WAISTBAND AND LEG CUFF HAVING GATHERS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:A61F13/49 :61/499298 :21/06/2011 :U.S.A. :PCT/US2012/041218 :07/06/2012 :WO 2012/177402 :NA :NA :NA	(71)Name of Applicant: 1)THE PROCTER & GAMBLE COMPANY Address of Applicant: One Procter & Gamble Plaza Cincinnati Ohio 45202 U.S.A. (72)Name of Inventor: 1)LAWSON Kathleen Marie 2)RAYCHECK Jeromy Thomas 3)CROSBY Jeffrey Will
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(57) Abstract:

A disposable absorbent article comprising a first waist region, a second waist region, a crotch region disposed between the first waist region and second waist region; a first waist edge and a second waist edge; and a first longitudinal edge and a second longitudinal edge; the disposable absorbent article comprising a waistband and a leg gasketing system, wherein the waistband has a first gather count and the leg gasketing system has a second gather count such that the ratio of the first gather count to the second gather count is from about 0.75 to about 1.25.

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

(21) Application No.1792/DEL/2013 A

(19) INDIA

(22) Date of filing of Application :18/06/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention : A NOVEL METHOD AND SYSTEM TO IMPROVE PERFORMANCE OF SPARK IGNITION ENGINE

(51) International classification (31) Priority Document No	:F02B23/00 :NA	(71)Name of Applicant: 1)AMITY UNIVERSITY
(32) Priority Date	:NA	Address of Applicant :AMITY UNIVERSITY CAMPUS,
(33) Name of priority country	:NA	SECTOR-125, NOIDA-201303, UP, Uttar Pradesh India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)R. K. TYAGI
(87) 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 method and system to improve perforniance of spark ignition engine The present invention relates to a novel method and system for increasing turbulence effect on fresh air which goes directly into the combustion chamber of an ignition engine. The turbulence of air is increased by introducing a screw shaped air chamber before the combustion chamber. The screw shaped chamber increases the velocity of the air flow which results in uniform air flow without any back pressure turbulence.

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

(21) Application No.1809/DEL/2013 A

(19) INDIA

(22) Date of filing of Application :19/06/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention : AN APPARATUS AND METHOD FOR MEASURING WICKING PROPERTIES OF A FABRIC MATERIAL

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country(86) International Application No	9/00 :NA :NA :NA :NA	(71)Name of Applicant: 1)INDIAN INSTITUTE OF TECHNOLOGY NEW DELHI Address of Applicant: INDIAN INSTITUTE OF TECHNOLOGY, HAUZ KHAS, NEW DELHI-110016 Delhi India (72)Name of Inventor:
Filing Date	:NA	1)DAS APURBA
(87) International Publication No	: NA	2)BALOTIA ANKIT
(61) Patent of Addition to Application Number	:NA	3)YADAV SHASHWAT
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The various embodiments of the present invention provide an apparatus and method for measuring wicking properties of a fabric material. According to the embodiment, a dry fabric is placed between 2 capacitor plates which are housed inside circular plastic plate which acts as a dielectric material. On providing a wicking solution to the fabric, the fabric absorbs the wicking solution wherein wicking portion of this fabric gets wet and changes its dielectric state. This system acts as 2 capacitor plates placed in parallel separated by the fabric layer between them. Thus length of these 2 hypothetical capacitor plates can be back calculated by knowing the total capacitance as width of plates is taken to be constant and the length of 1 plate calculated will be corresponding to wicking distance.

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

:NA

:NA

:NA

(21) Application No.10928/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :19/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: SULFOPOLYESTER POLYMER COMPOSITIONS WITH IMPROVED WATER DISPERSIBILITY

(51) International (71)Name of Applicant: :C08G63/688,C09D167/02,C08L67/02 classification 1) EASTMAN CHEMICAL COMPANY (31) Priority Document No :13/188012 Address of Applicant :200 South Wilcox Drive Kingsport TN (32) Priority Date :21/07/2011 37660 U.S.A. (33) Name of priority (72)Name of Inventor: :U.S.A. 1)KUO Thauming country (86) International 2)HALL Phillip Bryan :PCT/US2012/045357 Application No :03/07/2012 Filing Date (87) International :WO 2013/012556 Publication No (61) Patent of Addition to :NA **Application Number**

(57) Abstract:

Filing Date (62) Divisional to

Application Number

Filing Date

A sulfopolyester containing residues of 2 2 4 4 tetralkylcyclobutane 1 3 diol such as 2 2 4 4 tetramethylcyclobutane 1 3 diol is highly water dispersible in water. This allows one to reduce the content of sulfonate groups or reduce the amount of ethylene glycol or other hydrophilic glycols to retain good water resistance in cured coatings.

No. of Pages: 48 No. of Claims: 19

(21) Application No.10929/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :19/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: HEAT EXCHANGER PLATE WITH BYPASS ZONE

(51) International classification	:F28D9/00,F28F9/00	(71)Name of Applicant:
(31) Priority Document No	:1102061	1)VALEO SYSTEMES THERMIQUES
(32) Priority Date	:30/06/2011	Address of Applicant :8 rue Louis Lormand F 78321 Le
(33) Name of priority country	:France	Mesnil Saint Denis France
(86) International Application No	:PCT/EP2012/062585	(72)Name of Inventor:
Filing Date	:28/06/2012	1)ODILLARD Laurent
(87) International Publication No	:WO 2013/001012	2)GALLAND Jean Pierre
(61) Patent of Addition to Application	:NA	3)DEVEDEUX Sbastien
Number	:NA	4)ONETTI Demetrio
Filing Date	.IVA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Plate (30) for a heat exchanger (50) said plate (30) being intended to be stacked with another plate (30) of a heat exchanger (50) to form a pair of plates (30) which are designed to allow a fluid that is to be cooled to circulate between said plates (30) the plate (30) having a zone known as the exchange zone (ZE) intended to promote exchange of heat with the fluid and a zone capable of allowing the fluid to bypass said exchange zone and referred to as the bypass zone (ZBP) the plate (30) being characterized in that it further comprises means (36 37) originating at the plate (30) and configured to force the fluid to circulate through the exchange zone (ZE).

No. of Pages: 18 No. of Claims: 12

(21) Application No.10930/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :19/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: STACKED PLATE EXCHANGER CASING AND EXCHANGER COMPRISING SUCH A CASING.

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:F28D9/00,F02B29/04 :1102056 :30/06/2011 :France :PCT/EP2012/062590 :28/06/2012 :WO 2013/001017 :NA :NA	(71)Name of Applicant: 1)VALEO SYSTEMES THERMIQUES Address of Applicant: 8 rue Louis Lormand F 78321 Le Mesnil Saint Denis France (72)Name of Inventor: 1)MARTINS Carlos
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The invention relates to a casing (10) of a stacked plate exchanger (1) said casing (10) defining a volume intended to accommodate a plurality of stacked plates (2) which is configured for the circulation of a fluid that is to be cooled and of a cooling fluid said casing (10) defining an interface (53 54) able to accept a header (75 76 80) for the fluid that is to be cooled and comprising a first part (5) able to move in the direction of stacking of the plates (2) when the stacked plates (2) are being brazed and a second part (35) which has at least one side wall (51 52) defining said interface (53 54) said first (5) and second (35) parts being able to be assembled with one another when the plates (2) are being brazed. The invention also relates to a heat exchanger (1) comprising such a casing (10).

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

(21) Application No.10931/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :19/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: PHARMACEUTICAL COMPOSITION METHODS FOR TREATING AND USES THEREOF

(51) International classification:A61K31/7004(31) Priority Document No:61/505598(32) Priority Date:08/07/2011(33) Name of priority country:U.S.A.

(86) International Application No :PCT/EP2012/062922 Filing Date :03/07/2012 (87) International Publication No :WO 2013/007557

(61) Patent of Addition to Application
Number
:NA
:NA

Filing Date
(62) Divisional to Application Number :NA
Filing Date :NA

:A61K31/7004,A61P13/00 (71)**Name of Applicant :**

1)BOEHRINGER INGELHEIM INTERNATIONAL

GMBH

Address of Applicant :Binger Strasse 173 55216 Ingelheim

Am Rhein Germany (72)**Name of Inventor:**

1)BROEDL Uli

2) VON EYNATTEN Maximilian

3)JOHANSEN Odd Erik 4)KLEIN Thomas

5)LUIPPOLD Gerd

(57) Abstract:

The invention relates to the treatment or prevention of renal impairment and/or complications using a SGLT 2 inhibitor for example in patients diagnosed with metabolic disorders and related conditions.

No. of Pages: 61 No. of Claims: 18

(21) Application No.10932/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :19/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: HEAT EXCHANGER PARTICULARLY FOR A MOTOR VEHICLE

(51) International classification :F28D7/16,F02B29/04 (71)Name of Applicant : (31) Priority Document No 1)VALEO SYSTEMES THERMIQUES :1102057 (32) Priority Date Address of Applicant: 8 rue Louis Lormand F 78321 Le :30/06/2011 (33) Name of priority country Mesnil Saint Denis France :France (72)Name of Inventor: (86) International Application No :PCT/EP2012/062584 Filing Date :28/06/2012 1)DAY Alan (87) International Publication No :WO 2013/001011 (61) Patent of Addition to Application :NA :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract:

The invention relates to a heat exchanger for exchanging heat between a first and a second fluid including: a heat exchange bundle (3) including first channels for circulating the first fluid and second channels for circulating the second fluid; an inlet manifold (5) and an outlet manifold (7) for the first fluid into which the ends of said first channels lead; and an inlet pipe (9) and an outlet pipe (11) for the second fluid. Said inlet (5) and outlet (7) manifolds for the first fluid are attached to a first surface (2c) of said bundle (3) and are separated by a partition (13) and said exchanger further comprises an intermediate manifold (21) communicating with said first channels for circulating the first fluid along a U shaped path in said first channels. Said exchanger comprises at least one wall (33) attached to a second surface (3e) of said bundle (3) that is contiguous with said first surface (3c) and said inlet (9) and outlet (11) pipes for the second fluid are arranged on one end of said wall (33) separately from one another and said exchanger comprises an intermediate compartment (39) communicating with said second channels for circulating the second fluid along a U shaped path in said second channels. According to the invention said intermediate manifold (21) and said intermediate compartment (39) are arranged on surfaces (3d 3e) of said bundle (3) that are mutually perpendicular.

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

(19) INDIA

(22) Date of filing of Application :11/06/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: ESTABLISHING DEVICE TO DEVICE COMMUNICATION CHANNEL

(51) International classification	:H04L29/00	(71)Name of Applicant:
(31) Priority Document No	:NA	1)ALCATEL LUCENT
(32) Priority Date	:NA	Address of Applicant :3, AVENUE OCTAVE GREARD
(33) Name of priority country	:NA	75007 PARIS, FRANCE
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)MULLANGI, UDAY
(87) International Publication No	: NA	2)SATYAVADA, RAMESH
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Methods and systems for establishing device to device (D2D) communication channel between user devices are described herein. In one embodiment, a method for establishing the D2D communication channel comprises obtaining, by a first user device, calling information of a second user, where the calling information comprises at least a unique code and a channel frequency value associated with the second user. The method further includes transmitting, by the first user device, a channel establishment request over the channel frequency value of the second user, where the channel establishment request includes at least the unique code of the second user. Further, a channel establishment acknowledgement for (m establishing the D2D communication channel based on the channel establishment request is received by the first user device.

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

(21) Application No.1804/DEL/2013 A

(19) INDIA

(22) Date of filing of Application :19/06/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: A NEW AIR CONDITIONER WITH DESERT COOLER WITHOUT HEAT

 (51) International classification (31) Priority Document No (32) Priority Date (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	(71)Name of Applicant: 1)MANOJ KUMAR Address of Applicant: A-47, KUNWAR SINGH NAGAR, NILOTHI MORE, NEW DELHI - 110041 Delhi India (72)Name of Inventor: 1)MANOJ KUMAR
(62) Divisional to Application Number Filing Date	:NA :NA :NA	
- I ming Dute	*1 11 1	

(57) Abstract:

In one aspect of the present innovation, the system is designed for lowering air temperature that includes an evaporator, a condenser, a compressor, and a fan. The system is assembled with an evaporator capable of passing refrigerant gas from a first form to a second form. In addition, a blower is capable of sucking air from ambient air. An inlet vent is capable of receiving ambient air from the blower. An outlet vent is capable in blowing cool air to the ambient environment. In another aspect of the present innovation, a condenser capable of passing the refrigerant gas. Hence, a compressor is capable of pressurizing air. A first fan is capable of blowing cool air from at least one side of the condenser. Further, a chamber that opens a storage area and mounted on a front panel. Therefore, a second fan is mounted on the top of the chamber.

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

(19) INDIA

(22) Date of filing of Application :20/06/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention : VARIABLE SPEED DRIVE WITH IMPROVED POWER FACTOR AND PROTOCOL BASED SPEED REGULATOR FOR FAN

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:H04L29/00 :NA :NA :NA :NA :NA :NA : NA	(71)Name of Applicant: 1)GOEL, RAKESH Address of Applicant: 401 / 1, 32 CIVIL LINES, ROORKEE - 247667, UTTRAKHAND, INDIA 2)GOEL, ANKUR (72)Name of Inventor: 1)GOEL, RAKESH 2)GOEL, ANKUR
(61) Patent of Addition to Application Number Filing Date	:NA :NA	2)GOEL, ANKUR
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The present disclosure relates to a variable speed drive (VSD) with improved power factor (PF) for fan and/or allied electrical devices/appliances without additional hardware. The present disclosure further proposes a dedicated protocol based speed regulator that is configured to generate speed commands, which can be used independently as a Solid State Relay with additional features. VSD of the instant disclosure utilizes a low value capacitor on a DC Bus to improve PF and still operates the motor under this high ripple condition. Furthermore, speed regulator of the instant invention works as a solid-state relay that is based on two back-to-back series connected MOSFETs, which offers many advantages over other Solid State Relays.

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

(21) Application No.10918/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application: 18/12/2013 (43) Publication Date: 26/12/2014

(54) Title of the invention: MULTI LAYER CAPSULE AND MANUFACTURE METHOD THEREOF

(51) International classification :A61K9/48,A61K9/54,A61K9/28 (71) Name of Applicant:

:15/06/2011

(31) Priority Document No :NA (32) Priority Date :NA

(33) Name of priority country :NA

(86) International Application :PCT/US2011/040589

No Filing Date

(87) International Publication No:WO 2012/173621

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to Application :NA Number :NA

Filing Date

1)ORIENT PHARMA CO. LTD.

Address of Applicant :No. 8 Kehu 1st Rd. Huwei Township

Yulin County 63247 Taiwan (72)Name of Inventor:

1)GOTO Ikuo

2) CHIANG Chin Chih

3)CHEN Yen Fei

(57) Abstract:

The present invention provides multi layer capsules and manufacture methods thereof. Different materials are added in sequence into a capsule to form a multi layer capsule without diffusion and/or interaction between layers.

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

(21) Application No.10919/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application: 18/12/2013 (43) Publication Date: 26/12/2014

(54) Title of the invention: APPARATUS FOR CONTROLLING ELECTRIC POWER STEERING APPARATUS

(51) International :B62D6/00,B62D5/04,B62D101/00 classification

:WO 2012/169311

(31) Priority Document No :2011127867

(32) Priority Date :08/06/2011 (33) Name of priority country :Japan

(86) International Application :PCT/JP2012/062153

No

:11/05/2012 Filing Date

(87) International Publication No

(61) Patent of Addition to

Application Number :NA Filing Date

(62) Divisional to Application :NA Number :NA Filing Date

(57) Abstract:

(71)Name of Applicant:

1)NSK LTD.

Address of Applicant: 1 6 3 Ohsaki Shinagawa Ku Tokyo

1418560 Japan

(72)Name of Inventor:

1)KITAZUME Tetsuya

To provide an apparatus for controlling an electric power steering apparatus such that by correcting a dead time compensation amount on the basis of the temperature of a switching element inconsistency between a dead time and a dead time compensation value can be limited distortion in motor current or development of torque ripple can be suppressed dead time compensation can be performed in accordance with a steering condition so as to suppress the generation of noise and high steering performance can be obtained from low temperature to high temperature environment. [Solution] The control apparatus is provided with: a dead time characteristics unit for calculating a dead time characteristic value; a steering state determination unit for determining a steering state; a gain unit for varying the gain of the dead time characteristic value in accordance with the determination of the steering state; a sign determination unit for determining a sign on the basis of a detected current or a current command value of a motor or a model current value by using a sign determination method which is switched in accordance with the determination of the steering state; a temperature sensor for detecting an inverter temperature; a dead time temperature correction value calculation unit for calculating a dead time temperature correction value corresponding to the temperature; and an arithmetic processing unit for arithmetically processing the dead time compensation value to which the sign is allotted with the dead time temperature correction value with respect to an output from the gain unit so as to output a dead time compensation value.

No. of Pages: 45 No. of Claims: 5

(21) Application No.1799/DEL/2013 A

(19) INDIA

(22) Date of filing of Application :18/06/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: A METHOD FOR PREPARING ALKYL 2-(2-HYDROXYPHENYL) ACETATE

(51) T	G05G51/00	
(51) International classification	:C0/C51/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)CHEMINOVA A/S
(32) Priority Date	:NA	Address of Applicant :Thybor nvej 78, 7673 Harbor,
(33) Name of priority country	:NA	Denmark Denmark
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)Prakash A. Joshi
(87) International Publication No	: NA	2)Shailesh K. Patel
(61) Patent of Addition to Application Number	:NA	3)Dinesh D. Patil
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention relates to a method for the preparation of alkyl 2-(2-hydroxy phenyl)acetate of the general formula [II]; Wherein R is a straight or branched C1-10 alkyl. The present invention relates to a novel one-pot process for produc-10 ing of alkyl 2-(2-hydroxyphenyl)acetate from either (2-halophenyl) acetic acid or (2-halophenyl) acetonitrile. The one-pot process gives higher yields because isolation of the intermediate (2-hydroxyphenyl)acetic acid is avoid-ed. 15

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

(19) INDIA

(22) Date of filing of Application :21/06/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention : NOVEL PORPHYRIN CONTAINING COVALENT ORGANIC FRAMEWORKS AND THEIR SYNTHESIS

 (51) International classification (31) Priority Document No (32) Priority Date (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)COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH Address of Applicant: ANUSANDHAN BHAWAN, RAFI MARG, NEW DELHI - 110001, INDIA. (72)Name of Inventor: 1)RAHUL BANERJEE 2)SHARATH KANDAMBETH
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Disclosed herein is novel highly stable, crystalline porph>rin containing covalent organic frameworks and their synthesis using Schiff base reaction which are hydrophobic in nature having good selectivie towards alcohol uptake at low pressure over water. Particularly, present invention provides novel highly stable, porous covalent organic fiameworks (COFs) comprising porph\;nn linked hydronl aromatic compound by intramolecular 0-H---N=C bonding; wherein porphyrin is tetra@-amino-pheny1)porphyrin (Tph) and hydroxyl aromatic compound is selected from group consisting of Tnfonnylphloroglucinol (Tp), 2, 5-Qhydroxyterephthalaldehyde (Da).

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

:NA

(19) INDIA

(22) Date of filing of Application :17/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: RIM ASSEMBLY TIRE TESTING MACHINE AND RIM ASSEMBLY REPLACING METHOD

(71)Name of Applicant: (51) International :G01M17/02,B29D30/08,B60C19/00 classification 1)MITSUBISHI HEAVY INDUSTRIES MACHINERY (31) Priority Document No TECHNOLOGY CORPORATION :2011247823 :11/11/2011 Address of Applicant :6 22 Kan on Shin machi 4 chome Nishi (32) Priority Date ku Hiroshima shi Hiroshima 7338553 Japan (33) Name of priority :Japan country (72)Name of Inventor: (86) International 1)UEDA Tatsuva :PCT/JP2012/076550 2)TACHIBANA Makoto Application No :12/10/2012 Filing Date (87) International :WO 2013/069407 Publication No (61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to :NA **Application Number**

(57) Abstract:

Filing Date

The purpose of the present invention is to provide a rim assembly to which a small size tire can be mounted a tire testing machine and a rim assembly replacing method. A rim assembly has a pair of an upper rim and a lower rim the pair allowing a tire to be tested to be mounted thereon. The rim assembly comprises: a pin (6) provided to the lower rim; a pin receiving section (3) provided to the upper rim and capable of engaging with the pin (6); and a groove section formed in the lower rim side surface of the upper rim and having formed therein a groove (28a) having a recessed cross sectional shape which enables the groove (28a) to receive at least a part of the tip of the pin (6).

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

(21) Application No.10882/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :17/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: MACHINE AND METHOD FOR MACHINING ENDS OF CRANKSHAFTS

(31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date	:B23B5/18,B23C3/06,B23Q39/02 :N/A :- : :PCT/ES2011/070432 :17/06/2011 :WO 2012/172125 :NA :NA	(71)Name of Applicant: 1)ETXE TAR S.A. Address of Applicant: San Antoln n° 3 E 20870 Elgoibar (Guip°zcoa) Spain (72)Name of Inventor: 1)IBARRA GARC‰S Jorge 2)IRIBARREN ARISTIZABAL Ibon
11	:NA :NA :NA	

(57) Abstract:

Machine comprising a first machining module (1) configured to simultaneously machine at least two crankshafts a second machining module (2) configured to simultaneously machine at least two crankshafts and a support structure (3) with at least four crankshaft fixing positions (31 32 33 34) for the machining of such crankshafts. The support structure (3) is located between the machining modules. The fixing positions (31 32 33 34) are arranged in two columns (35 36) of fixing positions each of which comprises at least two of the fixing positions (31 32 33 34) located at a different height and the support structure (3) is rotatably arranged such that i can perform a rotation of at least 180 degrees.

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

(21) Application No.10883/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :17/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: DISPLAY PROGRAM AND DISPLAY DEVICE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:G06F3/048 :2011137486 :21/06/2011 :Japan :PCT/JP2012/003635 :01/06/2012 :WO 2012/176384 :NA :NA :NA	(71)Name of Applicant: 1)NIKON CORPORATION Address of Applicant: 12 1Yurakucho 1 chome Chiyoda ku Tokyo 1008331 Japan (72)Name of Inventor: 1)AKIYA Hiroyuki 2)YAMASHITA Naotaka 3)KANAMARU Kensuke 4)SEKIYA Takafumi
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(57) Abstract:

Provided is a user interface which is easily understood and easily used by a user when displaying an image by a display program comprising: a read out step of reading out a subject image which is a subject of display; a determination step of determining based on the subject image content of a user interface for receiving each type of setting for the subject image which is displayed on a display device; and a display step of displaying based on the content which is determined in the determination step the user interface on the display device.

No. of Pages: 46 No. of Claims: 14

(21) Application No.10884/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :17/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: HIGH CAPACITY DIKETOPIPERAZINE MICROPARTICLES

(51) International classification	:A61K9/72,A61K38/28	(71)Name of Applicant:
(31) Priority Document No	:61/498476	1)MANNKIND CORPORATION
(32) Priority Date	:17/06/2011	Address of Applicant :28903 North Avenue Paine Valencia
(33) Name of priority country	:U.S.A.	CA 91355 U.S.A.
(86) International Application No	:PCT/US2012/042998	(72)Name of Inventor:
Filing Date	:18/06/2012	1)GRANT Marshall
(87) International Publication No	:WO 2012/174556	2)MENKIN Paul
(61) Patent of Addition to Application	:NA	3)STOWELL Grayson W.
Number	:NA	
Filing Date	.TVA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Disclosed herein are diketopiperazine microparticles having high capacity for adsorbing a drug or active agent. In particular the diketopiperazine microparticle are formed using fumaryl diketopiperazine and can comprise a drug in large doses for the treatment of disease or disorders by pulmonary delivery via oral inhalation.

No. of Pages: 40 No. of Claims: 23

(19) INDIA

(22) Date of filing of Application :17/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: MONETARY TRANSACTION 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 	:G06Q20/00 :61/493064 :03/06/2011 :U.S.A. :PCT/US2012/040131 :31/05/2012 :WO 2013/025273 :NA :NA	(71)Name of Applicant: 1)MOZIDO LLC Address of Applicant:1950 Stemmons Freeway Suite 6040 Dallas TX 75207 U.S.A. (72)Name of Inventor: 1)LIBERTY Michael A.
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(21) Application No.10885/DELNP/2013 A

(57) Abstract:

Embodiments are directed to monetary transaction system for conducting monetary transactions between transaction system subscribers and other entities. In one scenario the monetary transaction system includes a mobile device that runs a monetary transaction system application. The monetary transaction system also includes a subscriber that has a profile with the system. The subscriber indicates a transaction that is to be performed with the monetary transaction system. The system further includes a monetary transaction system processor that performs the transactions specified by the subscriber including communicating with a monetary transaction database to determine whether the transaction is permissible based on data indicated in the subscriber's profile. The monetary transaction system also includes at least one entity that is to be involved in the specified transaction where the entity has a profile with the monetary transaction system. This entity may be a person a retail store an agent or other entity.

No. of Pages: 77 No. of Claims: 20

(21) Application No.11025/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :23/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: GAS REGULATOR FOR A FIREARM AND FIREARM WITH GAS REGULATOR

Address of Applicant :547 New Park Avenue West Hartford CT 06110 1336 U.S.A. (72)Name of Inventor : 1)LANGEVIN Kevin 2)JOSEY Michael A.

(57) Abstract:

A gas regulator for a rifle is provided the gas regulator having: an elongated member having a first end and a second end; a head portion located at the first end; a pair of openings passing through the elongated member wherein one of the pair of openings is larger than the other one of the pair of openings; and a recessed area located at the second end.

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

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

(21) Application No.11027/DELNP/2013 A

(43) Publication Date: 26/12/2014

(54) Title of the invention: NI BASED HEAT RESISTANT ALLOY

(51) International classification	:C22C19/05	(71)Name of Applicant:
(31) Priority Document No	:2011173504	1)NIPPON STEEL & SUMITOMO METAL
(32) Priority Date	:09/08/2011	CORPORATION
(33) Name of priority country	:Japan	Address of Applicant :6 1 Marunouchi 2 chome Chiyoda ku
(86) International Application No	:PCT/JP2012/069382	Tokyo 1008071 Japan
Filing Date	:31/07/2012	(72)Name of Inventor:
(87) International Publication No	:WO 2013/021853	1)SEMBA Hiroyuki
(61) Patent of Addition to Application	:NA	2)OKADA Hirokazu
Number	:NA :NA	3)HIRATA Hiroyuki
Filing Date	:NA	4)YOSHIZAWA Mitsuru
(62) Divisional to Application Number	:NA	5)ISEDA Atsuro
Filing Date	:NA	

(57) Abstract:

(19) INDIA

An Ni based heat resistant alloy which contains 0.15% or less of C 2% or less of Si 3% or less of Mn 0.03% or less of P 0.01% or less of S 15% or more but less than 28% of Cr 3 15% of Mo more than 5% but 25% or less of Co 0.2 2% of Al 0.2 3% of Ti from fn to 0.08% of Nd while satisfying 0 = 0.4Nd and which additionally contains if necessary a specific amount of at least one element that is selected from among Nb W B Zr Hf Mg Ca Y La Ce Ta Re and Fe with the balance made up of Ni and impurities. (In this connection fn = $1.7 - 10d + 0.05\{(Al/26.98) + (Ti/47.88) + (Nb/92.91)\}$ wherein d represents the average crystal grain size (µm) and each chemical symbol for an element represents the content (mass%) of the element. In addition in cases where W is contained Mo + (W/2) = 15% is satisfied.) This Ni based heat resistant alloy has dramatically improved ductility after long term use at high temperatures and is capable of avoiding SR cracking that is a problem during repair welding and the like. Consequently the Ni based heat resistant alloy is suitable for use as a pipe material a thick plate for heat resistant pressure resistant members a rod material a forged article and the like in boilers for power generation chemical industry plants and the like.

No. of Pages: 35 No. of Claims: 3

(21) Application No.11028/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :23/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: STREET SWEEPER

 (51) 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	(71)Name of Applicant: 1)HOWA MACHINERY LTD. Address of Applicant:1900 1 Sukaguchi Kiyosu shi Aichi 4528601 Japan (72)Name of Inventor: 1)SUZUKI Takao 2)KATO Haruyuki
• •		
(87) International Publication No		1 ^
(61) Patent of Addition to Application Number	:NA :NA	
Filing Date (62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

To provide a street sweeper having suppressed production costs and which achieves lifting and lowering of a dirt recovery device using a simple configuration. [Solution] The present invention includes a lifting/lowering drive means (21) having a configuration whereby one end is connected to a hopper (4) and the other end rotates and lifts/lowers a lift arm (17) connected to the dirt recovery device (6). The position of the lift arm (17) is changed by this lifting/lowering drive means (21) between: a cleaning position at which a main brush (8) of the dirt recovery device (6) is in contact with the road surface; a forwarding position at which the lift arm (17) has been raised together with the dirt recovery device (6) high enough that a pressing section (20) of the lift arm (17) is in contact with a pressed section (28) of a lift frame (25); and a dirt discharging position at which the lift arm (17) has been raised further, and the dirt recovery device (6) has been raised further together with the lift frame (25).

No. of Pages: 25 No. of Claims: 13

(22) Date of filing of Application :23/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: SELF SEALING ELASTOMER COMPOSITION FOR A PNEUMATIC OBJECT

(51) International classification	:B29C73/16,B60C19/12	(71)Name of Applicant:
(31) Priority Document No	:1156953	1)COMPAGNIE GENERALE DES ETABLISSEMENTS
(32) Priority Date	:29/07/2011	MICHELIN
(33) Name of priority country	:France	Address of Applicant :12 Cours Sablon F 63000 Clermont
(86) International Application No	:PCT/EP2012/063877	Ferrand France
Filing Date	:16/07/2012	2)MICHELIN RECHERCHE ET TECHNIQUE S.A.
(87) International Publication No	:WO 2013/017398	(72)Name of Inventor:
(61) Patent of Addition to Application	:NA	1)VOGE Bozena
Number	:NA	2)MERINO LOPEZ Jose
Filing Date	.IVA	3)PELISSIER Vincent
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The invention relates to a self sealing elastomer composition which can be used in particular as an anti puncture layer in a pneumatic object based on at least (phe meaning parts by weight per hundred parts of solid elastomer): a blend of at least two solid elastomers namely a polybutadiene elastomer or butadiene copolymer referred to as elastomer A and a natural rubber elastomer or synthetic polyisoprene referred to as elastomer B the elastomer A: elastomer B weight ratio being in the range of 10:90 to 90:10; between 30 and 90 phe hydrocarbon resin; and 0 to less than 120 phe filler with 0 to less than 30 phe reinforcing filler. The invention also relates to a pneumatic object such as a pneumatic tyre provided with an anti puncture layer comprising a composition of the invention. The anti puncture layer is advantageously associated with an airtight layer for example based on butyl rubber or TPS elastomer in order to form an airtight anti puncture laminate in the pneumatic object.

No. of Pages: 39 No. of Claims: 42

(21) Application No.11000/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :20/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: COATED PARTICLES AND RELATED 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 Filing Date (62) Divisional to Application Number 	:13/166557 :22/06/2011 :U.S.A. :PCT/US2011/057879 :26/10/2011 :WO 2012/177278 :NA :NA	(71)Name of Applicant: 1)BAKER HUGHES INCORPORATED Address of Applicant: P.O. Box 4740 Houston TX 77210 4740 U.S.A. (72)Name of Inventor: 1)CHAKRABORTY Soma 2)KUZNETSOV Olekzandr 3)AGRAWAL Gaurav
(62) Divisional to Application Number Filing Date	:NA :NA	
. ,		

(57) Abstract:

Coated particles comprise a core particle comprising a superhard material and having an average diameter of between 1 μ and 500 μ t. A coating material is adhered to and covers at least a portion of an outer surface of the core particle the coating material comprising an amine terminated group. A plurality of nanoparticles selected from the group consisting of carbon nanotubes nanographene non diamond carbon allotropes surface modified nanodiamond nanoscale particles of BeO and nanoscale particles comprising a Group VIIIA element is adhered to the coating material.

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

(22) Date of filing of Application :20/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: CURRENT CONDUCTING ELECTRODE AND CORRESPONDING MANUFACTURING PROCESS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:H01G9/04,H01M4/02 :1102075 :01/07/2011 :France :PCT/EP2012/062848 :02/07/2012 :WO 2013/004666 :NA :NA :NA	(71)Name of Applicant: 1)HUTCHINSON Address of Applicant: 2 Rue Balzac F 75008 Paris France (72)Name of Inventor: 1)DUFOUR Bruno 2)AYME PERROT David 3)DIEUDONNE Marie 4)SONNTAG Philippe
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(57) Abstract:

The present invention relates in particular to a conductive electrode for an electrical energy storage system (1) having an aqueous electrolyte solution said electrode comprising a metallic current collector (3) and an active material (7) said metallic current collector (3) comprising a protective conductive layer (5) placed between said metallic current collector (3) and said active material (7) characterized in that said protective conductive layer (5) comprises: between 30% and 85% as a proportion by weight of dry matter of a copolymer matrix between 70% and 15% as a proportion by weight of dry matter of conductive fillers in addition to the proportion by weight of dry matter of copolymer in order to achieve a total of 100%.

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

(19) INDIA

(22) Date of filing of Application :20/12/2013

(21) Application No.11002/DELNP/2013 A

(43) Publication Date: 26/12/2014

(54) Title of the invention: PAINTING PLANT

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:B05B15/12 :10 2011 106 196.0 :07/06/2011 :Germany :PCT/EP2012/002304 :31/05/2012 :WO 2012/167885 :NA :NA	(71)Name of Applicant: 1)OERLIKON TRADING AG TRBBACH Address of Applicant: Hauptstrasse 53 CH 9477 Tr ¹ /4bbach Switzerland (72)Name of Inventor: 1)RIBEIRO Carlos
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The present invention relates to a painting plant the individual apparatuses of which which are required for different process steps are accommodated in individual detachable modules thus considerably simplifying the installation of the painting plant as well as the maintenance and servicing thereof.

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

(21) Application No.11003/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :20/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: DESULPHURISATION MATERIAL COMPRISING COPPER SUPPORTED ON ZINC OXIDE

(51) International classification	:B01J23/80,B01J35/00,B01J37/04	(71)Name of Applicant:
(31) Priority Document No	:1112606.7	1)JOHNSON MATTHEY PUBLIC LIMITED COMPANY
(32) Priority Date	:22/07/2011	Address of Applicant :5th floor 25 Farringdon Street London
(33) Name of priority country	:U.K.	EC4A 4AB U.K.
(86) International Application	:PCT/GB2012/050808	(72)Name of Inventor:
No	:12/04/2012	1)MACLEOD Norman
Filing Date	.12/04/2012	2)WILSON Gordon Edward
(87) International Publication	:WO 2013/014415	
No	6 2013/011113	
(61) Patent of Addition to	:NA	
Application Number	:NA	
Filing Date		
(62) Divisional to Application	:NA	
Number	:NA	
Filing Date	12 12 2	

(57) Abstract:

A particulate desulphurisation material is described comprising one or more copper compounds supported on a zinc oxide support material wherein the desulphurisation material has a copper content in the range 0.1 to 5.0% by weight and a tapped bulk density =1.55 kg/l.

No. of Pages: 12 No. of Claims: 18

(22) Date of filing of Application :20/12/2013 (43) Publication Date: 26/12/2014

(54) Title of the invention: METHOD FOR STARTING A TURBOMACHINE THAT REDUCES THE THERMAL IMBALANCE

(51) International classification: F01D19/02,F02C7/26,F02C7/264 (71) Name of Applicant: (31) Priority Document No :1156342 :12/07/2011 (32) Priority Date (33) Name of priority country :France (86) International Application :PCT/FR2012/051508 No

:29/06/2012 Filing Date

(87) International Publication :WO 2013/007912

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to Application :NA Number :NA Filing Date

1)TURBOMECA

Address of Applicant :F 64510 Bordes France

(72)Name of Inventor: 1)MOUZE Yann

2)BATLLE Frdric Ferdinand Jacques

3)HAEHNER Edgar 4)SEGURA Frdric

(57) Abstract:

The invention proposes a method for starting a turbomachine implemented by an electronic unit the turbomachine comprising a gas turbine engine including at least one rotor and a starter able to turn the rotor the starting method involving: a step (E1) of receiving an order to start the turbomachine and in response to receipt of the start order: a step (E2 E3) of primary acceleration during which the starter is commanded to increase the rotational speed (N) of the rotor a step (E4 E5) of thermal equalizing during which the starter is commanded to keep the rotational speed (N) of the rotor constant or reduce it until a predetermined condition is satisfied after the predetermined condition has been satisfied a step (E6) of secondary acceleration during which the starter is commanded to increase the rotational speed (N) of the rotor and an ignition step (E6) during which ignition of the engine is commanded.

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

(21) Application No.10905/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :18/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: CLEANSING COMPOSITION WITH WHIPPED TEXTURE

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:A61K8/04,A61K8/19,A61Q19/10 :NA :NA :NA	(71)Name of Applicant: 1)COLGATE PALMOLIVE COMPANY Address of Applicant: 300 Park Avenue New York New York 10022 U.S.A.
(86) International Application No Filing Date	:PCT/US2011/044649 :20/07/2011	(72)Name of Inventor : 1)HOLERCA Marian N. 2)AHMED Rabab
(87) International Publication No	:WO 2013/012420	
(61) Patent of Addition toApplication NumberFiling Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A liquid cleansing composition comprising water in a sufficient amount to form a fluid composition; fatty acid soap; a divalent metal salt in an amount to provide a viscosity to entrain gas; and entrained gas to provide a specific gravity of not greater than 1.05 g/cm3. Optionally a surfactant can also be included. The cleansing composition has a whipped texture. Also a method of making the liquid cleansing composition.

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

(21) Application No.10908/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application: 18/12/2013 (43) Publication Date: 26/12/2014

(54) Title of the invention: AN OFFSET CONTROL ARRANGEMENT AND METHOD FOR CONTROLLING VOLTAGE VALUES IN A FUEL CELL SYSTEM

(51) International :H01M8/24,H01M8/04,G01R31/40

classification

(31) Priority Document No :20115669 (32) Priority Date :23/06/2011 (33) Name of priority country :Finland

(86) International Application :PCT/FI2012/050396

No

:20/04/2012

Filing Date

(87) International Publication

:WO 2012/175784

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to Application :NA Number :NA Filing Date

(71)Name of Applicant: 1)CONVION OY

Address of Applicant: Tekniikantie 12 FI 02150 Espoo

(72)Name of Inventor: 1)...STR-M Kim

(57) Abstract:

The object of the invention is an offset control arrangement for controlling voltage values in a fuel cell system for producing electricity with fuel cells each fuel cell in the fuel cell system comprising an anode side (100) a cathode side (102) and an electrolyte (104) between the anode side and the cathode side the fuel cell system comprising at least one fuel cell array (103) of at least two fuel cells and at least one load (146) for performing load function. The offset control arrangement comprises voltage monitoring means (142) for monitoring input voltage of the load (146) to obtain monitoring information a control processor (120) for processing said monitoring information at least one offsetting source (140) in serial connection to the at least one fuel cell array (103) power level of the offsetting source (140) being substantially low compared to the power level of the fuel cell array (103) and the offsetting source (140) is being arranged to perform at least unidirectional shifting of fuel cell array output voltage to reduce voltage window apparent to the load (146) on the basis of at least one of the monitoring information and the processed monitoring information and the offset control arrangement further comprises means (144) for disconnecting the at least one fuel cell array (103) from the load (146) when a reason for the disconnection is detected in the fuel cell system.

No. of Pages: 27 No. of Claims: 18

(21) Application No.10909/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :18/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention : PHARMACEUTICAL COMPOSITION COMPRISING AMIDE DERIVATIVE INHIBITING THE GROWTH OF CANCER CELLS AND NON METALLIC SALT LUBRICANT

(51) International :C07D401/12,C07C69/604,A61K31/517

classification

(31) Priority Document :1020110054685

No

(32) Priority Date :07/06/2011

(33) Name of priority :Republic of Korea

country

(86) International :PCT/KR2012/003970

Application No Filing Date :FC1/RR20:

(87) International

Publication No :WO 2012/169733

(61) Patent of Addition to :NA

Application Number :NA Filing Date :NA

(62) Divisional to Application Number Filing Date :NA (71)Name of Applicant:

1)HANMI PHARM. CO. LTD.

Address of Applicant :#893 5 Hajeo ri Paltan myeon Hwaseong si Gyeonggi do 445 910 Republic of Korea

(72)Name of Inventor:

1)KIM Yong II

2)KIM Kyeong Soo

3)KIM Jin Cheul

4)KIM Yo Han 5)PARK Jae Hyun

6)WOO Jong Soo

(57) Abstract:

Disclosed is a pharmaceutical composition comprising an amide derivative or a pharmaceutically acceptable salt thereof and a non metallic salt lubricant which can be used as an effective cancer cell growth inhibitor owing to its enhanced storage stability with no quality changes over time.

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

(21) Application No.2140/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :11/07/2012 (43) Publication Date : 26/12/2014

(54) Title of the invention: CARBOHYDRATE BASED BIODEGRADABLE AND HYDROBIODEGRADABLE PLASTICS

(51) International classification	:C08G81/02	(71)Name of Applicant:
(31) Priority Document No	:NA	1)AMITY UNIVERSITY
(32) Priority Date	:NA	Address of Applicant : AMITY UNIVERSITY CAMPUS,
(33) Name of priority country	:NA	SECTOR-125, NOIDA-201303 UP, INDIA Uttar Pradesh India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)HARSHA KHARKWAL
(87) International Publication No	: NA	2)DEVI DATT JOSHI
(61) Patent of Addition to Application Number	:NA	3)DEEPSHIKHA PANDE KATARE
Filing Date	:NA	4)AMIT CHANDRA KHARKWAL
(62) Divisional to Application Number	:NA	5)NAVIN NAINWAL
Filing Date	:NA	6)KUMUD BALA

(57) Abstract:

The present invention relates to carbohydrate based biodegradable plastics comprising polysaccharides extracted from seeds of legumes like Sesbania bispinosa and Cassia torn; in combination with deacetylated chitin, high amylase corn starch and poly L-lactic acid. The biodegradable materials comply with the international environmental standards and the waste management trend for recycling, pollution reduction, and resource conservation, and can be applied for manufacturing various kinds of green products.

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

(21) Application No.2141/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :11/07/2012 (43) Publication Date : 26/12/2014

(54) Title of the invention: PRODUCTION OF BIO-ALCOHOL UTILIZING JACKFRUIT WASTES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:C12N :NA :NA :NA :NA	(71)Name of Applicant: 1)AMITY UNIVERSITY RAJASTHAN Address of Applicant: AMITY UNIVERSITY RAJASTHAN, KANT KALWAR, NH-11C, JAIPUR-DELHI NATIONAL HIGHWAY, JAIPUR-303002, RAJASTHAN, 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 :NA	1)DEBAJYOTI BOSE 2)AMRENDRA NATH PATHAK

(57) Abstract:

The present invention provides a low cost, efficient method for the production of bio-alcohol from jackfruit waste material. The process involves saccharification and fermentation reactions to convert jack fruit waste into bio-alcohol.

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

(21) Application No.11032/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :23/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: HIGH ENERGY CAPACITORS

(51) International classification	:H01G4/14,H01G4/28	(71)Name of Applicant:
(31) Priority Document No	:1110685.3	1)BAE SYSTEMS plc
(32) Priority Date	:24/06/2011	Address of Applicant :6 Carlton Gardens London SW1Y 5AD
(33) Name of priority country	:U.K.	U.K.
(86) International Application No	:PCT/GB2012/051375	(72)Name of Inventor:
Filing Date	:15/06/2012	1)HAQ Sajad
(87) International Publication No	:WO 2012/175938	2)DYKE Amy Elizabeth
(61) Patent of Addition to Application	:NA	3)DYKE Hazel Anne
Number	:NA	4)DUNLEAVY Michael
Filing Date	.11/1	5)SPIKINGS Christopher Richard
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The following invention relates to high energy capacitors with increased thermal resilience over conventional bulk ceramic capacitors particularly capacitors that may be formed into a three dimensional shape to fit inside an existing device. The capacitor is provided with first and second electrodes (16 17) which have a plurality of interlocating protrusions (11 12) which increase the relative surface area of the electrodes. The first and second electrodes (16 17) and interlocating protrusions (11 12) are provided with through holes (29). The devices are filled with a flowable dielectric material.

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

(21) Application No.11033/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :23/12/2013 (43) Publication Date: 26/12/2014

(54) Title of the invention: AZETIDINE DERIVATIVES FOR TREATMENT OF MELANIN RELATED DISORDERS

(51) International :C07D491/044,C07D491/048,A61K31/397

classification

(31) Priority Document:61/508133

No

:15/07/2011 (32) Priority Date

(33) Name of priority country

:U.S.A.

(86) International Application No

:PCT/GB2012/051666 :13/07/2012

Filing Date

(87) International

Publication No

:WO 2013/011285

(61) Patent of Addition:NA to Application Number :NA

Filing Date

(62) Divisional to :NA **Application Number** :NA

Filing Date

(71)Name of Applicant: 1)ASTRAZENECA AB

Address of Applicant :SE 151 85 Sdertlje Sweden

(72)Name of Inventor:

1)JOHANSSON Lars Anders Mikael

(57) Abstract:

Disclosed herein are azetidinyl compounds of formula I, as described herein, pharmaceutical compositions compris - o ing an azetidinyl compound, and a method of using an azetidinyl compound in the treatment or prophylaxis of a melanin- concentrating hormone related disease or condition.

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

(21) Application No.11034/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :23/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: APPARATUS FOR USE ON UNMANNED VEHICLES

(51) International classification: B64C39/02,F41H7/00,F42B12/36 (71)Name of Applicant: (31) Priority Document No :1110820.6 1)BAE SYSTEMS PLC Address of Applicant: 6 Carlton Gardens London SW1Y 5AD (32) Priority Date :24/06/2011 (33) Name of priority country :U.K. (86) International Application (72)Name of Inventor: :PCT/GB2012/051416 No 1)FREEMAN Isobel Louise :20/06/2012 Filing Date 2) RIGBY Keith Antony (87) International Publication :WO 2012/175953 (61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to Application :NA Number :NA Filing Date

(57) Abstract:

Apparatus and a method performed by the apparatus, the apparatus being mounted on an unmanned vehicle (2) (e.g. an aircraft) and arranged to act upon a payload (18) (e.g. a weapon), the payload (18) being mounted on the unmanned vehicle (2) o and, under an action of the apparatus, able to be activated, the method comprising: receiving an activation instruction from an entity (4) (e.g. an operator of the unmanned vehicle), the entity being remote from the unmanned vehicle (2); determining whether or not o the received activation instruction is valid by performing a validation process; and in response to determining that the received activation instruction is valid, activating the payload (18). In response to determining that the received activation instruction is not valid, activation of the payload (18) may be prevented or opposed.

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

(22) Date of filing of Application :23/12/2013 (43) Publication Date : 26/12/2014

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

(51) International classification(31) Priority Document No	:F16H61/02,B60W10/02,B60W10/04 :NA	(71)Name of Applicant: 1)Kabushiki Kaisha F.C.C. Address of Applicant: 7000 36NakagawaHosoe choKita
(32) Priority Date	:NA	kuHamamatsu shi Shizuoka 4311304 Japan
(33) Name of priority country	:NA	(72)Name of Inventor: 1)Makita Shouji
(86) International Application No Filing Date	:PCT/JP2011/066935 :26/07/2011	2)Miyachi Kazuyoshi
(87) International Publication No	:WO 2013/014748	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Provided is a vehicle power transmission system which quickly performs shift operations in the transmission and is capable of alleviating the operator's discomfort due to torque loss. This vehicle power transmission system (100) is provided with an engine (110) the operation of which is controlled by an ECU (300) a clutch (210) and a transmission (240). The clutch (210) and transmission (240) begin operation by driving rotation of a shift spindle (230) coupled with clutch drive play (L1) and shift operation play (L2 L3). After the drive force transmitted to the transmission has been reduced by delay in ignition timing in the engine (110) and the start of lifting up of the clutch (210) shift operations involve a step of cutting fuel supplied in the engine (110) and disconnecting the gear in the transmission (240). This gear disconnecting step is completed before the drive force is substantially interrupted in the clutch (210).

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

(22) Date of filing of Application :23/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: SYSTEMS METHODS AND CONTROL LAWS FOR CELL HARVESTING

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:02/07/2012 :WO 2013/019154 :NA :NA	(71)Name of Applicant: 1)GENERAL ELECTRIC COMPANY Address of Applicant: 1 River Road Schenectady NY 12345 U.S.A. (72)Name of Inventor: 1)SHOEMAKER Philip Alexander 2)LEACH Andrew M. 3)GRIFFIN Weston Blaine 4)RAKUFF Stefan 5)ROY Jaydeep
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA	5)ROY Jaydeep

(57) Abstract:

The methods of harvesting cells are provided, wherein the methods comprise introducing a processing material and a source material into a processing loop. The processing loop comprises a processing chamber and a filtering device. The processing o material and the source material are circulating through the processing chamber and the filtering device, wherein the processing chamber has a mass; balancing an influx of the processing material into the processing chamber with a permeate flux of the filtering device to maintain the mass of the processing chamber at a constant value; and collecting the cells in a collection chamber. Cell har vesting devices are also provided for processing and harvesting cells using a control law to balance the mass of the processing cham ber through the entire process.

No. of Pages: 39 No. of Claims: 25

(21) Application No.10980/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :20/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: COOKING APPARATUS

:A47J27/13,A47J36/06	(71)Name of Applicant :
:1108521.4	1)DODD Michael Kevin
:20/05/2011	Address of Applicant :105 Bury Road Edenfield Greater
:U.K.	Manchester BL0 0EN U.K.
:PCT/GB2012/051142	(72)Name of Inventor:
:18/05/2012	1)DODD Michael Kevin
:WO 2012/160365	
·N A	
.IVA	
:NA	
:NA	
	:1108521.4 :20/05/2011 :U.K. :PCT/GB2012/051142 :18/05/2012 :WO 2012/160365 :NA :NA

(57) Abstract:

The present invention relates to apparatus (6) for use in domestic or commercial cooking and more particularly to apparatus for utilising heat energy in a cooking process. The apparatus (6) comprises a cover (1) suitable for engaging a first chamber (7) for cooking food the cover (1) comprising an aperture (2) and a channel (3) wherein the aperture (2) and channel (3) are arranged such that when an object (8) is placed over the aperture (2) and at least a part of the channel (3) the channel (3) allows for the evacuation of vapour from the chamber (7).

No. of Pages: 19 No. of Claims: 27

(22) Date of filing of Application :20/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: FILTERING OF A TIME DEPENDENT PRESSURE SIGNAL

(51) International classification :A61B5/021,2 (31) Priority Document No :11506045 (32) Priority Date :30/06/2011 (33) Name of priority country :Sweden

(86) International Application No :PCT/EP2012/061765
Filing Date :20/06/2012

(87) International Publication No :WO 2013/000777

(61) Patent of Addition to Application
Number
Filing Date
(62) Divisional to Application Number
Filing Date
:NA
Filing Date
:NA

:A61B5/021,A61M1/36 (71)**Name of Applicant :** :11506045 **1)GAMBRO LUNDIA AB**

Address of Applicant :P.O. Box 10101 SE 220 10 Lund

Sweden

(72)Name of Inventor:

1)OLDE Bo 2)SOLEM Kristian 3)HOLMER Mattias 4)STERNBY Jan

(57) Abstract:

A device removes first pulses in a pressure signal of a pressure sensor which is arranged in a fluid containing system to detect the first pulses which originate from a first pulse generator and second pulses which originate from a second pulse generator. The first pulse generator is known to operate in a sequence of pulse cycles each pulse cycle resulting in at least one first pulse. The device repetitively obtains a current data sample calculates corresponding a reference value and subtracts the reference value from the current data sample. The reference value is calculated as a function of other data sample(s) in the same pressure signal. These data sample(s) may be either cycle synchronized so as to have a corresponding location in one or more other pulse cycles (e.g. in a preceding pulse cycle) as the current data sample or be located in proximity to the current data sample. The fluid containing system may include an extracorporeal blood flow circuit e.g. as part of a dialysis machine and a cardiovascular system of a human patient.

No. of Pages: 49 No. of Claims: 32

(19) INDIA

(22) Date of filing of Application :20/12/2013

(21) Application No.10982/DELNP/2013 A

(43) Publication Date: 26/12/2014

(54) Title of the invention: SLOPING WALL CHANNEL

(51) International classification	:E02B9/08	(71)Name of Applicant:
(31) Priority Document No	:213751	1)TAGANSKY Elazar
(32) Priority Date	:23/06/2011	Address of Applicant :Protea Village Moshav Bnei Dror Lev
(33) Name of priority country	:Israel	Hasharon P.O. Box 101 40600 Tel Mond Israel
(86) International Application No	:PCT/IL2012/050213	(72)Name of Inventor:
Filing Date	:21/06/2012	1)TAGANSKY Elazar
(87) International Publication No	:WO 2012/176205	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.11/1	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The invention relates to a device for collecting energy from water waves comprising an extended length channel provided with a long shore facing wall a long sea facing wall and a remote end wall all extending substantially above high water level and a proximate end wall forming a fixed lower dam having an upper edge approximately level with low water level. The shore facing wall of the channel being sloped in a shoreward direction so that the upper open edge of the wall is nearer the shore than the lower edge of the wall. The sloped wall being impacted by waves having entered the channel and retaining water of the waves at a raised level above sea level. Inside the channel the long sea facing wall being pierced by multiple one way apertures extending substantially over the complete area of the sea facing wall each one way aperture being closed by an attached shutter unit opening inwards under pressure of incoming water waves and closing after the entry of the waves to maintain the raised water level in the channel;

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

(21) Application No.10983/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :20/12/2013 (43) Publication Date: 26/12/2014

(54) Title of the invention: OXIDE CATALYST

(51) International classification: B01J23/88,B01J37/03,B01J37/34 (71)Name of Applicant:

(31) Priority Document No :2011143284 (32) Priority Date :28/06/2011

(33) Name of priority country :Japan

(86) International Application :PCT/JP2012/065139 No

:13/06/2012 Filing Date

(87) International Publication :WO 2013/002029

(61) Patent of Addition to :NA **Application Number**

:NA Filing Date (62) Divisional to Application :NA Number

:NA Filing Date

(57) Abstract:

1) Asahi Kasei Chemicals Corporation

Address of Applicant: 1 105 Kanda Jinbocho Chiyoda ku

Tokyo 1018101 Japan (72)Name of Inventor: 1)YOSHIDA Jun

2)YAMAGUCHI Tatsuo 3)IZUMIYAMA Kenji

An oxide catalyst used in the oxidation reaction of an olefin and/or an alcohol the oxide catalyst containing molybdenum bismuth iron cobalt and cerium wherein: relative to 12 atoms of molybdenum the atom ratio (a) of bismuth is 2=a=6 the atom ratio (b) of iron is 2.5 < b=5 the atom ratio (c) of cobalt is 2=c=8 and the atom ratio (d) of cerium is 0.5 = d=6; the atom ratio of iron relative to cobalt is 0.4=b/c=2.5; and the variation in the atom ratio (d) of cerium is between 5000 and 9000 ppm when using as the reference the lattice plane spacing (d) of the composite oxide of cerium and molybdenum having a peak at 33.50° in X ray diffraction.

No. of Pages: 84 No. of Claims: 4

(22) Date of filing of Application :20/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: SWITCH DEVICE AND METHOD FOR CONTROLLING FRAME TRANSMISSION/RECEPTION

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country(86) International Application No	:H04L29/14,H04L12/56,H04W24/04 :2011129789 :10/06/2011 :Japan :PCT/JP2012/003495 :29/05/2012	(71)Name of Applicant: 1)NEC Corporation Address of Applicant: 7 1 Shiba 5 chome Minato ku Tokyo 1088001 Japan (72)Name of Inventor: 1)SHIOTA Yoshiaki 2)TANAKA Hideki 3)KUROSAKI Shinya
Filing Date (87) International Publication No (61) Patent of Addition to Application Number	:WO 2012/169145 :NA :NA	
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA	

(57) Abstract:

Wireless line termination units (21 22) transmit and receive frames through wireless lines (51 52) respectively. Line termination units (25 26) transfer frames to the wireless line termination units (21 22) respectively. Wireless lines (51 52) are treated as a single virtual line. A wireless monitoring unit (272) monitors the state of the wireless lines (51 52) and instructs in accordance with the redundancy mode the wireless line termination units (21 22) to discard received frames and to transfer replicated frames to the other wireless line termination unit. A communication path controller (273) sets the line termination units (25 26) as an active system or a standby system according to the result of monitoring of the state of the wireless lines by the wireless monitoring unit (272). A switch core (271) transfers to the line termination unit that acts as the active system frames that are to be transmitted.

No. of Pages: 38 No. of Claims: 10

(21) Application No.10995/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :20/12/2013

(43) Publication Date: 26/12/2014

(54) Title of the invention : PARAMETER ESTIMATING DEVICE PARAMETER ESTIMATING METHOD AND PARAMETER ESTIMATING PROGRAM

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:12/06/2012 :WO 2013/008387 :NA :NA :NA	(71)Name of Applicant: 1)NEC Corporation Address of Applicant: 7 1 Shiba 5 chome Minato ku Tokyo 1088001 Japan (72)Name of Inventor: 1)YOSHIDA Hiroshi
Filing Date	:NA	

(57) Abstract:

A parameter estimating device (600) is provided with: a communication throughput acquisition unit (601) which acquires communication throughput which is a volume of data transmitted per unit of time; and a function identifying parameter estimation unit (602) which on the basis of the communication throughput acquired up to a first time point estimates function identifying parameters for identifying a probably density function in which the communication throughput at second time point which comes after the first time point is treated as a random variable.

No. of Pages: 81 No. of Claims: 19

(21) Application No.10996/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :20/12/2013 (43) Publication Date: 26/12/2014

(54) Title of the invention: STRIKING PIN SAFETY ELEMENT

(51) International classification	:F41A17/06,F41A17/64	(71)Name of Applicant:
(31) Priority Document No	:10 2011 106 200.2	1)RHEINMETALL AIR DEFENCE AG
(32) Priority Date	:07/06/2011	Address of Applicant :Birchstrasse 155 CH 8050 Z ¹ / ₄ rich
(33) Name of priority country	:Germany	Switzerland
(86) International Application No	:PCT/EP2012/060495	(72)Name of Inventor:
Filing Date	:04/06/2012	1)BRUNNER Dominic
(87) International Publication No	:WO 2012/168182	2)GERBER Michael
(61) Patent of Addition to Application	:NA	3)WIDMER Roman
Number	:NA	
Filing Date	.1171	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The invention relates to a striking pin safety element (1) that can be remotely operated. In this connection a further electrically remotely operated safety device (3) is added to the mechanical striking pin safety element (2) the principle being that the discharge of a shot is possible only if the striking pin (12) has been released both locally mechanically and electrically via the remote operation. As an electric striking pin safety element (3) an electric actuator (18) is incorporated into the mechanical striking pin safety element (2).

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

(21) Application No.10997/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :20/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: MODIFIED PLANTS WITH INCREASED OIL CONTENT

 (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No	:A01H5/00,C12N15/82,C12N9/00 :61/502163 :28/06/2011 :U.S.A. :PCT/US2012/044676 :28/06/2012 :WO 2013/003608 :NA :NA	(71)Name of Applicant: 1)BROOKHAVEN SCIENCE ASSOCIATES LLC Address of Applicant: 40 Brookhaven Avenue P.O. Box 5000 Bldg. 460 Upton New York 11973 U.S.A. (72)Name of Inventor: 1)SHANKLIN John 2)ANDRE Carl
11	:NA :NA :NA	

(57) Abstract:

Methods and means are provided to increase the oil content of plants particularly oleaginous plants by preventing feedback inhibition by 18:1 Coenzyme A or 18:1 Acyl Carrier Protein of the acetyl CoA carboxylase enzyme in cells of these plants in various manners.

No. of Pages: 210 No. of Claims: 51

(21) Application No.2912/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :19/09/2012 (43) Publication Date : 26/12/2014

(54) Title of the invention: LOW COST WATER TESTING KIT

Filing Date :NA (72)Name of Inventor : (87) International Publication No : NA (61) Patent of Addition to Application Number :NA Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA Filing Date :NA (87) International Publication Number :NA (88) International Publication Number :NA (89) International Publication Number :NA (89) International Publication Number :NA (87) International Pu	 (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:NA :NA :NA :NA :NA : NA :NA	(71)Name of Applicant: 1)AMITY UNIVERSITY Address of Applicant: AMITY UNIVERSITY CAMPUS, SECTOR-125, NOIDA-201303, UP, INDIA Uttar Pradesh India (72)Name of Inventor: 1)TANU JINDAL
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(57) Abstract:

The present invention relates to a portable water test kit to determine the physiological parameters of water based on the correlations of physiological parameters with the help of statistical analysis. Parameters such as but not limited to pH, temperature, alkalinity, chloride and dissolved oxygen are used to correlate each other to calculate the other water parameters such as but not limited to water stability, total ammonium, nitrogen, hardness, carbon dioxide, turbidity, biological oxygen demand, chemical oxygen demand, total dissolved solid and electric conductivity. The kit enables determination of water quality in a simple and cost effective manner.

No. of Pages: 17 No. of Claims: 6

(21) Application No.11016/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :21/12/2013 (43) Publication Date: 26/12/2014

(54) Title of the invention: MULTI AXIS TEMPORARY TIGHTENING TOOL

(51) International :B23P19/06,B60B29/00,B25B13/48

classification

(31) Priority Document No :2011137760 (32) Priority Date :21/06/2011 (33) Name of priority country: Japan

(86) International Application :PCT/IB2012/001139

No :13/06/2012

Filing Date

(87) International Publication :WO 2012/176032 No

(61) Patent of Addition to :NA **Application Number**

:NA Filing Date

(62) Divisional to Application :NA Number :NA

Filing Date

(71)Name of Applicant:

1)TOYOTA JIDOSHA KABUSHIKI KAISHA

Address of Applicant: 1 Toyota cho Toyota shi Aichi ken 471

8571 Japan

(72)Name of Inventor: 1)KIRA Kazuhiko

2)TOYODA Toshio

(57) Abstract:

A multi axis temporary tightening tool (1) includes: a tool main body (2) formed into a ring shape; and a plurality of sockets (3) which are arranged in a ring shape along the tool main body (2) are rotated by rotational force input to the tool main body and simultaneously apply rotational force to a plurality of screw members (22) that are engaged in the sockets.

No. of Pages: 39 No. of Claims: 5

(22) Date of filing of Application :21/12/2013 (43) Publication Date: 26/12/2014

(54) Title of the invention: MELTING REDUCTION ASSEMBLY AND METHOD FOR OPERATING A MELTING REDUCTION ASSEMBLY

(51) International classification :C21B7/16,C21B13/00,F27B1/16 (71)Name of Applicant: (31) Priority Document No :A 1071/2011

(32) Priority Date :21/07/2011 (33) Name of priority country :Austria

(86) International Application :PCT/EP2012/061159

:13/06/2012 Filing Date

(87) International Publication :WO 2013/010725 No

(61) Patent of Addition to **Application Number** :NA

Filing Date (62) Divisional to Application :NA Number :NA

:NA

Filing Date

1)SIEMENS VAI METALS TECHNOLOGIES GMBH Address of Applicant: Turmstrae 44 A 4031 Linz Austria

(72)Name of Inventor:

1)BERNER Franz

2)PLAUL Jan Friedemann

3)WIEDER Kurt

4)WURM Johann

(57) Abstract:

The invention relates to a melting reduction assembly (1) and to a method for operating a melting reduction assembly having loading devices for solid carbon carriers and ferrous input materials having a melting gasification zone which comprises a packed bed (4) formed by the solid carbon carriers and the ferrous input materials having a lower section for receiving liquid pig iron (6) or raw steel material and liquid slag (7) having a tap (9) for liquid slag and liquid pig iron having a plurality of oxygen nozzles (5) for supplying oxygen wherein the plurality of oxygen nozzles is divided into at least two nozzle levels arranged spaced apart from each other and parallel in the vertical direction and is horizontally distributed over the circumference of the shell (10) of the melting reduction assembly (1) and arranged offset to each other in different nozzle levels.

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

(21) Application No.11018/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :21/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: COMPRESSION BANDAGES AND METHOD OF MAKING THE SAME

(51) International classification :A61F13/08,A61F13/00,A61F13/02

(31) Priority Document No :1111059.0 (32) Priority Date :29/06/2011

(33) Name of priority country: U.K.

(86) International Application :PCT/GB2012/051528

No :1C1/GB20 Filing Date :29/06/2012

(87) International Publication :WO 2013/001312

No (61) Patent of Addition to

(61) Patent of Addition to
Application Number
Filing Date
:NA

(62) Divisional to Application :NA
Number :NA

Filing Date

(71)Name of Applicant : 1)LANTOR (UK) LIMITED

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(72)Name of Inventor:

1)RICHARDSON David William 2)STEPHENSON Christian 3)WARDE David Michael

4)MEISTER Marita

5)KL-PPELS Michael Peter Wilhelm

(57) Abstract:

The present invention relates to two layer compression bandages comprising a padding layer and an elastic compression layer. The invention further relates to the use of said bandage systems in compression therapy for example in the treatment and management of wounds or other lesions for example venous leg ulceration. The invention also relates to processes and machinery for making such compression bandage systems and machinery for facilitating such processes.

No. of Pages: 29 No. of Claims: 24

(19) INDIA

(22) Date of filing of Application :21/12/2013 (43) Publication Date: 26/12/2014

(54) Title of the invention: LOCAL CONNECTION OF SHEETS ONTO ONE ANOTHER METHOD AND APPARATUS FOR THE IMPLEMENTATION THEREOF

(51) International classification :B31F5/02,B65B7/24,B65D5/42 (71)Name of Applicant : (31) Priority Document No :BE2011/0353

(32) Priority Date :09/06/2011 (33) Name of priority country :Belgium

(86) International Application No: PCT/EP2012/060843 Filing Date :08/06/2012

(87) International Publication No: WO 2012/168394

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to Application :NA Number :NA

Filing Date

1) CREAX PROJECTS N.V.

Address of Applicant : Engelse Wandeling 2F 8500 Kortrijk

Belgium

(72)Name of Inventor:

1)VANDENBERGHE Jef

2)SYOEN Diederik

3)DEWULF Simon

(57) Abstract:

The invention relates to a local connection of top and bottom sheets (1 2) onto one another in their contact surface (11) in at least one defined connection zone (3) whereby this zone (3) is polygonal and whereby within the periphery of this zone (3) the top and bottom sheets (1) and (2) jointly form a connecting lip (12) with their first side faces (5 6) located opposite one another cut obliquely through their sheet thickness. These first side faces (5 6) of the sheets (1 2) and their adjacent obliquely oriented second side faces (8 9) in the zone (3) are complementarily beyelled in the form of a conical wall running downwards and inwards so that in the vicinity of these second neighbouring side faces (8 9) the underside (7) of the bottom sheet (2) protrudes inwards past the top surface (4) of the connecting lip (12) at the location of the top outside edges (13) of its first side faces (5 6). The invention also comprises a method and apparatus to implement this connection.

No. of Pages: 24 No. of Claims: 18

(21) Application No.11020/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :21/12/2013

(43) Publication Date: 26/12/2014

(54) Title of the invention: DEUTERIUM ENRICHED 4 HYDROXY 5 METHOXY N 1 DIMETHYL 2 OXO N [(4 TRIFLUORO METHYL)PHENYL] 1 2 DIHYDROQUINOLINE 3 CARBOXAMIDE

(51) International :A61K31/4704,C07D215/54,A61P35/00

:WO 2012/175541

classification

(31) Priority Document :11171108.1

(32) Priority Date :22/06/2011

(33) Name of priority

country

(86) International

:PCT/EP2012/061798 Application No :20/06/2012

:EPO

Filing Date

(87) International

Publication No

(61) Patent of Addition to :NA **Application Number** :NA

Filing Date (62) Divisional to

:NA **Application Number** :NA Filing Date

(71)Name of Applicant:

1)ACTIVE BIOTECH AB

Address of Applicant :Box 724 S 22007 Lund Sweden

(72)Name of Inventor: 1)SVENSSON Leif

(57) Abstract:

Deuterium enriched 4 hydroxy 5 methoxy N 1 dimethyl 2 oxo N [(4 trifluoromethyl) phenyl] 1 2 dihydroquinoline 3 carboxamide having a deuterium enrichment in the amide N methyl group of at least 70%; or a salt thereof with a pharmaceutically acceptable organic or inorganic cation; and a method of preparing said compounds. The compounds are useful in therapy e.g. for the treatment of a malignant hyperproliferative disorder or an autoimmune disease.

No. of Pages: 39 No. of Claims: 15

(19) INDIA

(22) Date of filing of Application :18/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: ROLLING MILL BEARING POSITIONING DEVICE

(51) International classification(31) Priority Document No	:201110131200.7	(71)Name of Applicant: 1)HEFEI BAISHENG SCIENCE & TECHNOLOGY CO.
(32) Priority Date(33) Name of priority country	:18/05/2011 :China	LTD. Address of Applicant :No. 32 Hongfeng Road High
(86) International Application No	:PCT/CN2012/075648	Technology Zone Hefei City Anhui 230088 China
Filing Date	:17/05/2012	(72)Name of Inventor:
(87) International Publication No	:WO 2012/155851	1)LOU Ting
(61) Patent of Addition to ApplicationNumberFiling Date	:NA :NA	2)XIONG Huaping
(62) Divisional to Application Number Filing Date	:NA :NA	

(21) Application No.10887/DELNP/2013 A

(57) Abstract:

A rolling mill bearing chock positioning device used in steel rolling equipment comprises a first bearing chock assembly (30) an upright post (20) and a rolling mill base (10). A downward facing stepped face (21) is disposed on the lower middle portion of the upright post. The stepped face and the upward facing supporting face on the rolling mill base form a limiting mechanism that exerts tightening and positioning pressure on the bearing chock assembly so as to limit the upward and downward movement of same. The positioning device exerts effective tightening and positioning pressure on the lower rolling mill bearing chock.

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

(21) Application No.10888/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application: 18/12/2013 (43) Publication Date: 26/12/2014

(54) Title of the invention: CONTROL METHOD FOR ADAPTIVE MODULATION CIRCUIT AND WIRELESS TRANSMISSION DEVICE PROVIDED WITH ADAPTIVE MODULATION CIRCUIT

(51) International :H04W28/18,H04B1/04,H04W16/26

classification (31) Priority Document No :2011131019

:13/06/2011 (32) Priority Date

(33) Name of priority :Japan

country

(86) International :PCT/JP2012/064665

Application No :07/06/2012 Filing Date

(87) International Publication: WO 2012/173036

No

(61) Patent of Addition to :NA

Application Number :NA Filing Date

(62) Divisional to :NA **Application Number** :NA Filing Date

(71)Name of Applicant: 1)NEC Corporation

Address of Applicant: 7 1 Shiba 5 chome Minato ku Tokyo

1088001 Japan

(72)Name of Inventor: 1)SAITO Kaichiro

(57) Abstract:

In the present invention a control method for an adaptive modulation circuit and for a wireless transmission device provided with the adaptive modulation circuit sends Ethernet signals received from a wired transmission path (11) to an opposite station one to one via a wireless transmission path (13) and again outputs the Ethernet signals to the wired transmission path (11) using the opposite station. A traffic statistics circuit (17) is provided that accumulates the traffic amount of Ethernet signals of different time periods as statistical data. On the basis of accumulated data wireless transmission capacity of time periods having a small amount of traffic is reduced by reducing the number of multiple values in a modulation method.

No. of Pages: 26 No. of Claims: 5

(21) Application No.10889/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application: 18/12/2013 (43) Publication Date: 26/12/2014

(54) Title of the invention: FUNGICIDAL PHENYLALKYL SUBSTITUTED 2 [2 CHLORO 4 (4 CHLORO PHENOXY) PHENYL] 1 [1 2 4]TRIAZOL 1 YL ETHANOL COMPOUNDS

(51) International :C07D249/08,A01N43/653,C07C49/84

classification

(31) Priority Document No: 61/508088

(32) Priority Date :15/07/2011 (33) Name of priority :U.S.A.

country

(86) International

:PCT/EP2012/063635 Application No :12/07/2012

:NA

Filing Date

(87) International :WO 2013/010894

Publication No

(61) Patent of Addition to :NA **Application Number** :NA

Filing Date (62) Divisional to :NA **Application Number**

Filing Date

(71)Name of Applicant:

1)BASF SE

Address of Applicant: 67056 Ludwigshafen Germany

(72)Name of Inventor:

1)DIETZ Jochen

2)RIGGS Richard

3)BOUDET Nadege 4)LOHMANN Jan Klaas

5)CRAIG Ian Robert

6)HADEN Egon

7)LAUTERWASSER Erica May Wilson

8)MLLER Bernd

9)GRAMMENOS Wassilios

10)GROTE Thomas

(57) Abstract:

The present invention relates to phenylalkyl substituted 2 [2 chloro 4 (4 chloro phenoxy) phenyl] 1 [1 2 4]triazol 1 yl ethanol compounds of formula I as defined in the description and the N oxides and salts thereof their preparation and intermediates for preparing them. The invention also relates to the use of these compounds for combating harmful fungi and seed coated with at least one such compound and also to compositions comprising at least one such compound.

No. of Pages: 52 No. of Claims: 15

(19) INDIA

(22) Date of filing of Application :18/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: POWER SUPPLY 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	:2012085876 :19/03/2012 :Japan	(71)Name of Applicant: 1)FOTORADA CORPORATION Address of Applicant: 18 2 1001 Midorichou 3 chome Fuchu shi Tokyo 1830006 Japan (72)Name of Inventor: 1)NUMAZAWA Eiji
· · · · · · · · · · · · · · · · · · ·		
(62) Divisional to Application Number Filing Date	:NA :NA	

(21) Application No.10890/DELNP/2013 A

(57) Abstract:

A power supply system makes it possible to generate power in such a way that: a roller coaster and the like mounted with a power generator and dedicated for power generation and a rail and the like for the roller coaster and the like are constructed; potential energy is given to the roller coaster and the like; and the roller coaster and the like transform the given potential energy into kinetic energy and further into electric energy.

No. of Pages: 25 No. of Claims: 6

(19) INDIA

(22) Date of filing of Application :18/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: METHOD FOR PRODUCING A COMPONENT HAVING A FRICTION LINING

(51) International classification	:F16D23/02	(71)Name of Applicant :
	.F10D25/02	
(31) Priority Document No	:10 2011 103 344.4	1)PMG FSSEN GMBH
(32) Priority Date	:27/05/2011	Address of Applicant: Hiebelerstrasse 4 87629 F ¹ / ₄ ssen
(33) Name of priority country	:Germany	Germany
(86) International Application No	:PCT/DE2012/000546	(72)Name of Inventor:
Filing Date	:25/05/2012	1)BARTENSTEIN Achim
(87) International Publication No	:WO 2012/163324	2)BLAES Walter
(61) Patent of Addition to Application	:NA	3)CASTRO Diego
Number	:NA	4)DELARBRE Patrice
Filing Date	.IVA	5)RAMBALDINI Pascal
(62) Divisional to Application Number	:NA	6)RAU G ¹ /4nter
Filing Date	:NA	7)WEIRATHER J ¹ / ₄ rgen

(57) Abstract:

The invention relates to a method for producing a ring like component (1) having a ring body (21) that has a cylindrical surface (2 12) and having a friction lining (5) fastened to said cylindrical surface (2 12) wherein two circumferential edges (7 8) of the ring body (21) extending at a parallel distance from each other in the axial direction (6) bound an axial width (b) within which the friction lining (5) is fastened. The friction lining (5) is fastened to the cylindrical surface (2 12) of the ring body (21) the cylindrical surface being unmachined at least in some areas after the production of the ring body (21).

No. of Pages: 25 No. of Claims: 15

(21) Application No.10731/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :12/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention : A METHOD AND AN APPARATUS FOR PRODUCING ENERGY BY RECYCLING MATERIALS DURING A FUEL COMBUSTION PROCESS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application 	:18/05/2012 :WO 2012/156588	(71)Name of Applicant: 1)FORTUM OYJ Address of Applicant: Keilaniementie 1 FI 02150 Espoo Finland (72)Name of Inventor: 1)SUONINEN Esa 2)SURAKKA Martti
` '	:WO 2012/156588 :NA :NA :NA :NA	2)SURAKKA Martti

(57) Abstract:

The present invention relates to a method for producing energy by recycling materials during a fuel combustion process wherein the fuel combustion process comprises combusting fuel introduced into the fuel combustion process. Further the invention relates to an apparatus for producing energy by recycling materials during a fuel combustion process.

No. of Pages: 31 No. of Claims: 19

(21) Application No.10733/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :12/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: METHODS AND DEVICES FOR MONITORING A DATA PATH

:NA

:NA

(51) International classification :H04L12/26,H04L12/24 (71)Name of Applicant : :61/498775 1)TELEFONAKTIEBOLAGET L M ERICSSON (publ) (31) Priority Document No Address of Applicant :S 164 83 Stockholm Sweden (32) Priority Date :20/06/2011 (72)Name of Inventor: (33) Name of priority country :U.S.A. :PCT/SE2012/050680 1)DING Zhemin (86) International Application No Filing Date :19/06/2012 2)SALTSIDIS Panagiotis (87) International Publication No :WO 2012/177213 (61) Patent of Addition to Application :NA :NA

(57) Abstract:

Filing Date

Filing Date

(62) Divisional to Application Number

The present invention relates to methods and devices (31 32 33 40) for monitoring a data path (30) extending from an originating node to a terminating node in a network. In a first aspect of the present invention the method comprises the step of submitting to the originating node a request to monitor at least one network status parameter associated with a particular data flow transported on the data path. Further the method comprises the step of submitting to all nodes in the data path a data flow identifier indicating the particular data flow being one out of a plurality of data flows that can be transported on the data path. Moreover the method comprises the step of receiving from at least one of the nodes in the data path a response message comprising the requested at least one network status parameter.

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

(21) Application No.10738/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :13/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: HAIR DYEING PROCESS USING AT LEAST ONE ORTHO DIPHENOL A MANGANESE OR ZINC SALT HYDROGEN PEROXIDE (BI)CARBONATE AN ALKALINE AGENT AND A TITANIUM OR SCANDIUM SALT

(51) International classification :A61K8/19,A61K8/27,A61K8/365 (71)Name of Applicant : (31) Priority Document No :1155523 1)LOREAL Address of Applicant :14 Rue Royale F 75008 Paris France (32) Priority Date :23/06/2011 (72)Name of Inventor: (33) Name of priority country :France (86) International Application 1)CHOISY Patrick :PCT/EP2012/062102 2)RONDOT Christophe :22/06/2012 Filing Date

:WO 2012/175683

:NA

:NA

:NA

:NA

Number Filing Date

Application Number

Filing Date

(87) International Publication

(62) Divisional to Application

(61) Patent of Addition to

(57) Abstract:

No

The present invention relates to a process for dyeing keratin fibres in particular human keratin fibres such as the hair in which the said fibres are treated with one or more cosmetic compositions containing taken together or separately in the said composition(s) the fo llowing ingredients: a) one or more ortho dipheno l derivatives b) one or more manganese salts or one or more zinc salts c) hydrogen peroxide or one or more systems that generate hydrogen peroxide d) one or more (bi)carbonates or one or more systems that generate (bi)carbonate(s) and e) one or more basifying agents other than the (bi)carbonate(s) and f) one or more salts chosen from titanium salts and scandium salts; it being understood that the pH of at least one of the compositions comprising at least one of the ingredients a) b) c) d) e) and/or f) is alkaline i.e. greater than 7 and that the composition comprising f) the salt(s) chosen from titanium salts and scandium salts is applied to the keratin fibres as the last step of the dyeing process.

No. of Pages: 53 No. of Claims: 18

(21) Application No.10739/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :13/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: A MINIMINALLY INVASIVE DERMAL ELECTROPORATION 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 	:A61N1/30 :61/502198 :28/06/2011 :U.S.A. :PCT/US2012/044539 :28/06/2012 :WO 2013/066427 :NA :NA	(71)Name of Applicant: 1)INOVIO PHARMACEUTICALS INC. Address of Applicant: 1787 Sentry Parkway West Building 18 Suite 400 Blue Bell PA 19422 U.S.A. (72)Name of Inventor: 1)BRODERICK Kate 2)KEMMERRER Stephen 3)MCCOY Jay
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(57) Abstract:

The disclosure is directed to a device for electroporating and delivering one or more antigens and a method of electroporating and delivering one or more antigens to cells of epidermal tissues using the device. The device comprises a housing a plurality of electrode arrays projecting from the housing each electrode array including at least one electrode a pulse generator electrically coupled to the electrodes a programmable microcontroller electrically coupled to the pulse generator and an electrical power source coupled to the pulse generator and the microcontroller. The electrode arrays define spatially separate sites.

No. of Pages: 45 No. of Claims: 24

(19) INDIA

(22) Date of filing of Application :20/12/2013 (43) Publication Date: 26/12/2014

(54) Title of the invention: FOAM SEAT ELEMENT AND PROCESS AND MOLD FOR PRODUCING SAME

(51) International classification: B68G5/02,A47C27/14,A47C7/18 (71) Name of Applicant: (31) Priority Document No :61/457943 :14/07/2011 (32) Priority Date (33) Name of priority country :U.S.A.

(86) International Application :PCT/CA2012/000668

No :16/07/2012 Filing Date

(87) International Publication :WO 2013/006959

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to Application :NA Number :NA

Filing Date

1)PROPRIETECT L.P.

Address of Applicant: 100 King Street West 1 First Canadian

Place Suite 1600 Toronto Ontario M5X 1G5 Canada

(72)Name of Inventor: 1)ROSSI Pasquale

2)SAN MIGUEL Edgardo A.

(57) Abstract:

There is described a padded element comprising a foam substrate having disposed therein a first internal surface and a second internal surface opposed to the first internal surface the first internal surface being interposed between an outer surface of the foam substrate and the second internal surface at least one of the first internal surface and the second internal surface comprising a textured portion. In a highly preferred embodiment the pair of internal surfaces disposed within the body of the foam substrate combine to form one or more cavities in the foam substrate (e.g. by the provision of one internal surface have a textured portion and the other internal surface being untextured). The provision of such a textured surface creates a contacting interface (either at rest or when an occupant sits on the seat) between below or remote from the A surface of the foam element. This interface has different properties than the exposed surface of the seating element. By adopting this internal interface approach to one or more zones of foam element it is possible to confer different qualities of comfort and feel to the outer surface of the foam element (e.g. A surface of a vehicular seat element) even though the appearance of that outer surface may be relatively non textured. In this manner the occurrence of read through described above is obviated or mitigated. A process and mold for produce the padded element are also described.

No. of Pages: 52 No. of Claims: 171

(21) Application No.11006/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :20/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: TIP PROTECTOR SLEEVE

(51) International classification	:A61F6/18,A61F6/22,A61B17/42	(71)Name of Applicant :
(31) Priority Document No	:13/149631	1)BAYER ESSURE INC.
(32) Priority Date	:31/05/2011	Address of Applicant: 1011 McCarthy Blvd. Milpitas CA
(33) Name of priority country	:U.S.A.	95035 U.S.A.
(86) International Application	:PCT/US2012/040013	(72)Name of Inventor:
No	:30/05/2012	1)STOUT Christopher A.
Filing Date	.30/03/2012	2)SWANN Betsy
(87) International Publication	:WO 2012/166805	3)CRUZADA Julian
No	.WO 2012/100003	4)SEPE Chris
(61) Patent of Addition to	:NA	5)SLOAN Robert Todd
Application Number	:NA	
Filing Date	.1421	
(62) Divisional to Application	:NA	
Number	:NA	
Filing Date	11111	

(57) Abstract:

In accordance with some embodiments a delivery catheter assembly (400) is disclosed in which a tip protector sleeve (300) is locked onto an elongated catheter sheath (404) and slideable over a length of the elongated catheter sheath between a proximal stop position (402) and a distal stop position (408) along the elongated catheter sheath.

No. of Pages: 41 No. of Claims: 25

(21) Application No.11008/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :20/12/2013 (43) Publication Date: 26/12/2014

(54) Title of the invention: FOOD GRADE BLUE ENCAPSULATE AND PROCESS FOR THE PRODUCTION THEREOF

(51) International classification: A23L1/305,B01J13/04,C08J3/075 (71) Name of Applicant: (31) Priority Document No :11174259.9

(32) Priority Date :15/07/2011 (33) Name of priority country :EPO

(86) International Application

:PCT/EP2012/063857 No :13/07/2012

Filing Date (87) International Publication

:WO 2013/010967

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to Application :NA Number :NA Filing Date

1)NESTEC S.A.

Address of Applicant : Avenue Nestl 55 CH 1800 Vevey

Switzerland

(72)Name of Inventor: 1)BRAGA Ana Luiza 2)KOLODZIEJCZYK Eric

3)SOUSSAN Elodie

4)SCHMITT Christophe Joseph Etienne

(57) Abstract:

A food grade blue encapsulate is disclosed which comprises gelled proteins associated with metal ions and a colorant component. The colorant component comprises anthocyanins anthocyanidins or mixtures thereof. A process for producing the encapsulate is also disclosed.

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

(21) Application No.11009/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :20/12/2013

(43) Publication Date: 26/12/2014

(54) Title of the invention : PULSED ELECTRIC FIELD TREATMENT PROCESS AND DAIRY PRODUCT COMPRISING BIOACTIVE MOLECULES OBTAINABLE BY THE PROCESS

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:A23C3/033,A23L3/32 :11173191.5 :08/07/2011 :EPO	(71)Name of Applicant: 1)NESTEC S.A. Address of Applicant: Av. Nestl 55 CH 1800 Vevey Switzerland
 (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:PCT/EP2012/063218 :06/07/2012 :WO 2013/007620 :NA :NA :NA	(72)Name of Inventor: 1)MATHYS Alexander 2)TOEPFL Stefan 3)SIEMER Claudia 4)FAVRE Laurent 5)BENYACOUB Jalil 6)HANSEN Carl Erik

(57) Abstract:

The present invention addresses the problem of inactivation of bioactive components in milk during pasteurization for preservation. The invention discloses a method of pulsed electric field (PEF) treatment of whole milk skimmed milk semi skimmed milk or whey or other liquid compositions comprising milk components or fractions. The invention is based on the finding that by selecting one or more specific process parameters such as the PEF treatment chamber design the specific energy applied the field strength pulse type start temperature it is possible to effectively eliminate microorganisms from the composition while conserving the activity of bioactive components in the composition.

No. of Pages: 80 No. of Claims: 16

(21) Application No.3979/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :21/06/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: WAFER SCALE FABRICATION OF ULTRA-THIN CHIPS ON FLEXIBLE SUBSTRATES

 (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)RAVINDER SINGH DAHIYA Address of Applicant: HOUSE NO. 2330, SECTOR-15, SONEPAT-131001, HARYANA Haryana India (72)Name of Inventor:
Filing Date (87) International Publication No	:NA : NA	1)RAVINDER SINGH DAHIYA
(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 to the method for obtaining flexible, and bendable electronic systems for applications such as wearable and implantable electronics, and foldable displays etc.

No. of Pages: 9 No. of Claims: 6

(21) Application No.10821/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :16/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: DRIVING ASSISTANCE DEVICE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:G08G1/16,G01C21/26,G08G1/09 :NA :NA :NA :PCT/JP2011/067694 :02/08/2011	(71)Name of Applicant: 1)TOYOTA JIDOSHA KABUSHIKI KAISHA Address of Applicant: 1 Toyota cho Toyota shi Aichi 4718571 Japan (72)Name of Inventor: 1)OTAKE Hirotada
(87) International Publication No	:WO 2013/018198	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A driving assistance device (1) is provided with an assistance device (4) capable of outputting driving assistance information for assisting the driving of a vehicle (2) on the basis of a target travel state value of the vehicle (2); and an assistance control device (50) for controlling the assistance device (4) and allowing the form of the driving assistance information to vary in an interval beginning from a first assistance timing based on the target travel state value and ending at a second assistance timing that is based on the target travel state value and that does not precede the first assistance timing and in an interval that does not precede the second assistance timing. Therefore driving can be suitably assisted.

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

(21) Application No.10822/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :16/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: LNG TANK LOADED ON BOARD LNG SHIP AND METHOD FOR PRODUCING SAME

(51) International classification(31) Priority Document No	:B63B25/16,B63B9/06,F17C3/00 :2011161704	(71)Name of Applicant : 1)MORIMOTO Nobuyoshi
(32) Priority Date	:25/07/2011	Address of Applicant :12 2 Hachiyamacho Shibuyaku Tokyo
(33) Name of priority country	:Japan	1500035 Japan
(86) International Application No Filing Date	:PCT/JP2012/068769 :25/07/2012	(72)Name of Inventor : 1)MORIMOTO Nobuyoshi
(87) International Publication No	:WO 2013/015296	
(61) Patent of Addition toApplication NumberFiling Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

To assemble an LNG tank on land and load the same on board the hold of a ship to shorten the construction time for building an LNG ship. [Solution] In the present invention a cold storage material and a membrane are stretched over the inside of a building frame container to make an LNG tank which is then loaded on board the hold of a double hull structure. Beams are welded to the outer surface of the building frame container to provide adequate reinforcement prior to cold storage construction so as to prevent deformation of the building frame container during on board loading. When the tank is being loaded on board the hull the beams of the building frame container are connected to an inner shell of the hull to integrate the LNG tank and the hull thus supporting a liquid load weight in a shared manner between the building frame container and the hull.

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

(21) Application No.10823/DELNP/2013 A

1)WEIR MINERALS AUSTRALIA LTD

Wales 2064 Australia

(72)Name of Inventor:

Address of Applicant: 1 Marden Street Artarmon New South

(19) INDIA

(22) Date of filing of Application :16/12/2013 (43) Publication Date: 26/12/2014

(54) Title of the invention: IMPROVEMENTS TO PUMPS AND COMPONENTS THEREFOR

(51) International classification: F04D7/04,F04D29/22,F04D29/42 (71)Name of Applicant: :2011902894 (31) Priority Document No (32) Priority Date :20/07/2011

(33) Name of priority country :Australia

(86) International Application :PCT/AU2012/000868 No

Filing Date

(87) International Publication :WO 2013/010224

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to Application :NA Number :NA Filing Date

1)LAVAGNA Luis Moscoso :20/07/2012 2) GLAVES Garry Bruce

(57) Abstract:

A pump side part for use with a shrouded pump impeller comprising a side wall section rear face including an outer region with an outer edge in a plane which is substantially at right angles to the rotation axis an inner region with an inner edge and an intermediate region between the outer and inner regions which is inclined inwardly from the said plane in a direction towards the inlet section the inner region extending from the intermediate region in a direction away from the front face of the side wall section wherein the outer face of the impeller front shroud and the side part rear face are arranged to be facing one another with a gap therebetween the rear face being configured so that the cross sectional dimension of the gap increases in a direction toward the impeller rotation axis in the intermediate region.

No. of Pages: 33 No. of Claims: 16

(12) TATENT ATTLICATION TODLICATION

(22) Date of filing of Application :16/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: RADIO WAVE PROPAGATION ENVIRONMENT MEASUREMENT DEVICE WIRELESS NETWORK CONSTRUCTION SYSTEM AND RADIO WAVE PROPAGATION ENVIRONMENT MEASUREMENT METHOD

(21) Application No.10824/DELNP/2013 A

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:16/06/2011 :WO 2012/172670 :NA :NA :NA	(71)Name of Applicant: 1)HITACHI LTD. Address of Applicant:6 6 Marunouchi 1 chome Chiyoda ku Tokyo 1008280 Japan (72)Name of Inventor: 1)SATO Yoshihito 2)YAMADA Tsutomu 3)ENDO Hiromichi
Filing Date	:NA	

(57) Abstract:

(19) INDIA

The purpose of the present invention is to easily obtain three dimensional shape data and material characteristics data that are necessary for estimating radio wave propagation between wireless stations in order to construct a highly reliable wireless network. In the present invention a wireless network system is provided with wireless signal transmission and reception equipment at a planned construction site. An electromagnetic wave measurement value for a wireless signal between the equipment is obtained. Three dimensional structure information that includes the electrical characteristics and three dimensional shape information of structures that comprise the site is used to estimate a propagation state of an electromagnetic wave for a wireless signal between the wireless signal transmission and reception equipment and thereby an electromagnetic estimation value is obtained. An electromagnetic wave measurement value expressed as a signal intensity at each time point and an electromagnetic wave estimation value are compared for each time point to obtain a time zone in which such resultant error value is larger than a reference value. The path between the wireless signal transmission and reception equipment that is receiving in such time zone is calculated as the electromagnetic wave path. The three dimensional structure information for the site positioned on the electromagnetic wave path is corrected and the electromagnetic wave estimation value is re calculated. The electromagnetic wave measurement value and the re calculated electromagnetic wave estimation value are compared to obtain corrected information for three dimensional structure information with a smaller error value.

No. of Pages: 65 No. of Claims: 10

(21) Application No.10816/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :16/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention : PROVIDING ACCESS TO MAINFRAME DATA OBJECTS IN A HETEROGENEOUS COMPUTING ENVIRONMENT

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:G06F12/00 :61/487142 :17/05/2011 :U.S.A.	(71)Name of Applicant: 1)DATAVODE INC. Address of Applicant:5020 S. Maple Bluff Drive Columbia MO 65203 U.S.A.
(86) International Application No Filing Date	:PCT/US2012/038309 :17/05/2012	(72)Name of Inventor : 1)KREUZER Leonid
(87) International Publication No	:WO 2012/158890	2)VIZITEI Yuri
(61) Patent of Addition to ApplicationNumberFiling Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A method for providing access to mainframe data objects in a heterogeneous computing environment includes providing by a non mainframe server a service comprising a storage virtualization system for storing mainframe data in a virtual storage device. The mainframe data is managed by a mainframe server connected to a physical storage device and to the server so that the virtual storage device in the storage virtualization system appears as another physical storage device to the mainframe server. The method includes receiving by the server a message from a non mainframe client node connected to the server via a network processing the request to generate a non mainframe formatted request result and transmitting the request result to the client node via the network. The virtual storage device appears as a mounted storage drive to the client node. The message includes a request for access to the mounted storage drive and/or to data stored therein.

No. of Pages: 32 No. of Claims: 20

(19) INDIA

(22) Date of filing of Application :16/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: DUAL CHANNEL TIME DIVISION DUPLEX (TDD) COMMUNICATION

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country(86) International Application No	:H04W28/06 :13/109524 :17/05/2011 :U.S.A. :PCT/IB2011/052766	(71)Name of Applicant: 1)TELEFONAKTIEBOLAGET L M ERICSSON (PUBL) Address of Applicant: 16483 Stockholm Sweden (72)Name of Inventor: 1)KOORAPATY Havish
Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date	:23/06/2011 :WO 2012/156784 :NA :NA :NA :NA	2)CHENG Jung Fu

(21) Application No.10817/DELNP/2013 A

(57) Abstract:

A system and method to use existing Long Term Evolution LTE and Worldwide Interoperability for Microwave Access WiMAX based signaling to effectuate dual channel Time Division Duplex TDD communication between two transceivers (60 61) giving preference to one type of sub frames either downlink or uplink for data transmission. In backhaul communications between pico (or femto) and macro base stations (32 34) using LTE and WiMAX s TDD mode in such a manner effectively reduces unnecessary transmissions of pilot and synchronization sequence in downlink signaling thereby reducing the level of pilot overhead and minimizing interference when data is not being transmitted. Similarly the use of existing LTE or WiMAX implementations of TDD radio frames in this manner may achieve radio silence for some duration (e.g. when no uplink sub frames are transmitted) when operating in a license exempt spectrum thereby allowing other license exempt devices to potentially share the radio channel during the silence period.

No. of Pages: 40 No. of Claims: 26

(19) INDIA

(22) Date of filing of Application:16/12/2013 (43) Publication Date: 26/12/2014

(54) Title of the invention: ASSAY

(51) International

:G01N33/558,G01N33/573,C12Q1/42

classification

(31) Priority Document No: 1111634.0

(32) Priority Date

:07/07/2011

(33) Name of priority country

:U.K.

(86) International :PCT/GB2012/051458

Application No Filing Date

:22/06/2012

(87) International

:WO 2013/005003 Publication No

(61) Patent of Addition to

:NA

Application Number Filing Date (62) Divisional to

:NA

Application Number Filing Date

:NA :NA (71)Name of Applicant:

1) DUPONT NUTRITION BIOSCIENCES APS

Address of Applicant :Langebrogade 1 P.O. Box 17 DK 1001

Copenhagen K Denmark (72)Name of Inventor:

1) ISAKSEN Mai Faurschou

2)KELLETT SMITH Anja Hemmingsen

(21) Application No.10818/DELNP/2013 A

3)MCLENNAN Neil 4)GILBERT Ceinwen

5)KYNEB Majbritt Hauge

(57) Abstract:

The present invention discloses an assay device (1) for detecting active enzyme in a sample. Said assay device (1) comprises the following components: (a) a placement region (10) onto which the sample can be placed; (b) a matrix (20) operably connected to said placement region (10) such that the sample when present (such as placed) on said placement region (10) can migrate along said matrix (20); (c) at least one distinct capture location (30) on said matrix (20) wherein each distinct capture location (30) is distanced away from the placement region (10) and wherein the sample can migrate across said distinct capture location (30); (d) capture means (40) being present at or defining each distinct capture location (30) wherein said capture means (40) are capable of binding to said enzyme such that at least a portion of said sample of said enzyme is retained at at least one distinct capture location (30); and (e) selective indication means (50) or at least a component thereof to provide selective indication of the presence of active enzyme bound to said capture means (40).

No. of Pages: 104 No. of Claims: 86

(21) Application No.10825/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :16/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: LOW SULFUR FUEL COMPOSITIONS HAVING IMPROVED LUBRICITY

	(71)Name of Applicant : 1)BUTAMAX ADVANCED BIOFUELS LLC
	Address of Applicant :Route 141 & Henry Clay DuPont
:U.S.A.	Experimental Station Building 356 Wilmington Delaware 19880
:PCT/US2012/048733	
:27/07/2012	(72)Name of Inventor:
:WO 2013/016716	1)WOLF Leslie R.
:NA :NA	
:NA	
:NA	
	:61/512859 :28/07/2011 :U.S.A. :PCT/US2012/048733 :27/07/2012 :WO 2013/016716 :NA :NA

(57) Abstract:

The present invention relates to novel low sulfur fuel compositions having butanol and demonstrating improved lubricity.

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

(21) Application No.10826/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :16/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: METHOD OF PRODUCING AN AROMATISED AQUEOUS LIQUID

(51) International classification :A23L1/221,A23L2/56,A23G1/00 (71)Name of Applicant: (31) Priority Document No :11171079.4 1)NESTEC S.A. (32) Priority Date Address of Applicant : Avenue Nestl 55 CH 1800 Vevey :22/06/2011 (33) Name of priority country :EPO Switzerland (86) International Application (72)Name of Inventor: :PCT/EP2012/061989 1)RYAN Angela :21/06/2012 Filing Date 2) CAVINATO Mauro (87) International Publication 3)TAYLOR Jonathan :WO 2012/175620 (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 producing a liquid aromatised with aroma compounds from chocolate wherein a gas comprising aroma derived from cocoa or a cocoa based product and water is condensed to provide a liquid aqueous phase and a gas phase; and the gas phase is subjected to pressurisation in the presence of an absorption liquid. The resulting liquid can then be further treated and used to modify and improve the aroma profile of chocolate compound or any chocolate flavoured products or products where the intention is to impart chocolate aroma(e.g. packaging).

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

(21) Application No.10827/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application:16/12/2013 (43) Publication Date: 26/12/2014

(54) Title of the invention: DHA AND EPA IN THE REDUCTION OF OXIDATIVE STRESS

(51) International (71)Name of Applicant: :A61K31/202,A61K47/44,A23G1/36 classification 1)NESTEC S.A. (31) Priority Document No :11171681.7 (32) Priority Date :28/06/2011 Switzerland (33) Name of priority :EPO country (86) International :PCT/EP2012/062326 Application No :26/06/2012 Filing Date

(87) International :WO 2013/000895 Publication No

(61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to :NA **Application Number** :NA Filing Date

Address of Applicant : Av. Nestl 55 CH 1800 Vevey

(72)Name of Inventor: 1)BOSCO Mohamed Nabil 2)OLIVEIRA Manuel 3)DESTAILLATS Frederic 4)BENYACOUB Jalil 5)BRAHMBHATT Viral

(57) Abstract:

The present invention generally relates to the prevention or treatment of disorders related to oxidative stress. For example the present invention provides a composition for use in the prevention or treatment of oxidative stress related disorders under post operative conditions. One embodiment of the present invention is a composition comprising DHA and EPA as active ingredients for use in the treatment or prevention of oxidative stress and/or related disorders.

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

:NA

:NA

(21) Application No.10828/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :16/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: METHOD OF DEGASIFICATION OF A CARBONATED BEVERAGE FILLED CONTAINER

(51) International classification	:B65B3/02,B29C49/42,B65B3/22	(71)Name of Applicant :
(31) Priority Document No	:11176854.5	1)NESTEC S.A.
(32) Priority Date	:08/08/2011	Address of Applicant : Avenue Nestle 55 CH 1800 Vevey
(33) Name of priority country	:EPO	Switzerland
(86) International Application	:PCT/EP2012/065114	(72)Name of Inventor:
No	:02/08/2012	1)CHAUVIN Guillaume
Filing Date	:02/08/2012	2)KANNENGIESSER Damien
(87) International Publication	:WO 2013/020883	
No	. 11 0 2013/020003	
(61) Patent of Addition to	:NA	
Application Number	:NA	
Filing Date	.NA	
(62) Divisional to Application	.NI A	

(57) Abstract:

Filing Date

Number

The invention concerns a method of degasification of a carbonated beverage filled container in an apparatus for blowing and filling containers the apparatus comprising: a mould (12) enclosing a blown and carbonated beverage filled container (14) that comprises a dispensing opening (16) an injection head (24) that is movable along a longitudinal axis (A) passing by the dispensing opening of the container between a sealing position in which the injection head is in a sealing engagement with the dispensing opening and a non sealing position in which the injection head is at a distance from the dispensing opening characterized in that the method comprises the following steps: i) moving the injection head (24) away from the sealing position (3A) to a non sealing position (3B). ii) moving back the injection head to the sealing position (30) iii) moving the injection head away from the sealing position to a non sealing position (3D).

No. of Pages: 29 No. of Claims: 17

(21) Application No.10829/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :16/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: THERMALLY INSULATING SEALED TANK BUILT INTO A LOAD BEARING STRUCTURE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:26/06/2012 :WO 2013/004943 :NA :NA	(71)Name of Applicant: 1)GAZTRANSPORT ET TECHNIGAZ Address of Applicant: 1 route de Versailles F 78470 Saint Remy Les Chevreuse France (72)Name of Inventor: 1)JEAN Pierre 2)GUELTON Bruno 3)HERRY Micka«l 4)MALOCHET Matthieu
Filing Date	:NA	

(57) Abstract:

The invention relates to a thermally insulating sealed tank comprising: thermal insulation including a plurality of insulating blocks (28) placed side by side on the load bearing structure and a sealing assembly including a plurality of sealed metal plates (25) disposed on the insulating blocks (28) and welded to one another. Mechanical coupling members (11) extend through the thermal insulation at the edges of the insulating blocks (28) and maintain the insulating blocks in a position in which they bear on the load bearing structure (3). The metal plates (25) are disposed such that the edges thereof are offset in relation to the edges of the underlying insulating blocks (28). The metal plates (25) are maintained in a position in which they bear on the insulating blocks (28) solely by means of the coupling members. The mechanical coupling members are attached to the metal plates (25) at attachment points (11) at a distance from the edges of the metal plates.

No. of Pages: 36 No. of Claims: 19

(21) Application No.10861/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :17/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: METHOD FOR PRODUCING ZIRCONIA COLLOIDS

(51) International classification :C01G25/02,G02B15/10,B01J13/00

(31) Priority Document No :NA (32) Priority Date :NA

(33) Name of priority country: NA

(86) International Application :PCT/CN2011/077062

Filing Date :12/07/2011

(87) International Publication :WO 2013/007015

(61) Patent of Addition to Application Number Filing Date :NA

(62) Divisional to Application :NA
Number :NA

Filing Date (57) Abstract :

(71)Name of Applicant:

1)ESSILOR INTERNATIONAL (COMPAGNIE

G‰N‰RALE DOPTIQUE)

Address of Applicant: 147 Rue de Paris 94220 CHARENTON

LE PONT France

2)SHANGHAI UNIVERSITY

(72)Name of Inventor: 1)LECLAIRE Yves 2)ZHAO Jian

3)SHI Liyi 4)WANG Zhuyi 5)YUAN Shuai 6)ZHAO Yin

Provided are a transparent colloidal suspension, a method for producing the same and an optical article comprising at least one coating prepared from a composition containing the suspension. The method comprises the following successive steps: a) subjecting a mixture of zirconium oxychloride and an alkali metal halide in an aqueous solvent to hydrothermal treatment at a tem - perature above 150°C; b) separating the slurry obtained from the supernatant; c) peptizing said slurry by adding a strong acid thereto; and d) desalting said slurry so as to form a colloidal suspension of zirconia.

No. of Pages: 25 No. of Claims: 15

(21) Application No.10862/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :17/12/2013 (43) Publication Date : 26/12/2014

:NA :NA

(54) Title of the invention : SYSTEMS AND METHODS FOR SHARING MEMORY BETWEEN A PLURALITY OF PROCESSORS

(51) International classification	:G06F13/16,G11C13/00	(71)Name of Applicant :
(31) Priority Document No	:13/156845	1)ADVANCED MICRO DEVICES INC.
(32) Priority Date	:09/06/2011	Address of Applicant :One AMD Place Sunnyvale CA 94088
(33) Name of priority country	:U.S.A.	U.S.A.
(86) International Application No	:PCT/US2012/041231	(72)Name of Inventor:
Filing Date	:07/06/2012	1)IGNATOWSKI Michael
(87) International Publication No	:WO 2012/170615	
(61) Patent of Addition to Application	:NA	
Number	:NA :NA	
Filing Date	:INA	

(57) Abstract:

Filing Date

Systems and methods for sharing memory between a plurality of processors are provided. In one example, a shared memory system is dis closed. The system includes at least two processors and at least two memory devices, such as passive variable resistive memory (PVRM) devices. Each memory device is operatively connected to each processor via one of a plural - ity of processor interfaces. Each processor interface is dedicated to a single processor of the at least two processors. In this manner, any individual processor of the at least two processors is operative to access data stored in any individual memory device of the at least two memory devices via the pro - cessor interface dedicated to that respective individual processor.

No. of Pages: 31 No. of Claims: 27

(62) Divisional to Application Number

(19) INDIA

(22) Date of filing of Application :17/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: PROCESS FOR MANUFACTURING SILICON CARBIDE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	:C01B31/36 :1156096 :06/07/2011 :France :PCT/FR2012/051548 :03/07/2012 :WO 2013/004967	(72)Name of Inventor : 1)ALEONARD Bruno
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA	2)DI PIERRO Simonpietro 3)SCHWARTZ Matthieu

(21) Application No.10863/DELNP/2013 A

(57) Abstract:

The invention relates to a process for manufacturing Sic wherein the emissions of polluting gases are minimized, by reduction of silicon oxide by an excess of carbon, said process consisting in electrically heating a resistor at the heart of a mixture of raw materials consisting of a carbon-based source chosen from petroleum cokes and source of silicon, especially a silica having a purity oT greater than 95% of Si02, in order to give rise, at a temperature above 1500° C, to the simplified reaction: SiO + 3C = SiC + 2C0 (1), said process being characterized, in that said carbon-based source first undergoes a treatment for removing the contained hydrogen, so that its elemental hydrogen content (EHWC) is less than 2% by weight.

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

(21) Application No.10866/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application: 17/12/2013 (43) Publication Date: 26/12/2014

(54) Title of the invention: BAR STEEL FOR NON HEAT TREATED CONNECTING RODS

(31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number : N	F16C9/00 NA NA NA NA PCT/JP2011/062655 02/06/2011 WO 2012/164710 NA (71)Name of Applicant : 1)NIPPON STEEL & SUMITOMO METAL CORPORATION Address of Applicant :6 1 Marunouchi 2 chome Chiyoda k Tokyo 1008071 Japan 2)HONDA MOTOR CO. LTD. (72)Name of Inventor : 1)HASEGAWA Tatsuya 2)ONAHA Yasunori 3)SAITO Isamu	κu
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(57) Abstract:

A bar steel for non heat treated connecting rods which has a chemical composition that contains 0.25 to 0.35% of C 0.40 to 0.70% of Si more than 0.65 to 0.90% of Mn 0.040 to 0.070% of P 0.040 to 0.130% of S 0.10 to 0.30% of Cr 0.05 to 0.40% of Cu 0.05 to 0.30% of Ni 0.01 to 0.15% of Mo 0.12 to 0.20% of V more than 0.150 to 0.200% of Ti 0.002 to 0.100% of Al and up to 0.020% of N and further contains up to 0.30% of Pb and/or up to 0.30% of Te as necessary and that satisfies the

relationships: [0.60 = C + (Si/10) + (Mn/5) + (5Cr/22) + 1.65V (5S/7) + (Cu/33) + (Ni/20) + (Mo/10) = 0.80] and [(Mn+Ti)/S = 7] and in which at least 90% of the structure is a ferrite/pearlite structure having a ferrite content of 40% or more. The bar steel can be easily cut and hot forged and is suitable as a material for non heat treated connecting rods for automobile engines or the like said material being required to have excellent machinability fracture crackability and fatigue resistance.

No. of Pages: 40 No. of Claims: 2

(21) Application No.10740/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :12/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: ZOOM LENS OPTICAL APPARATUS AND ZOOM LENS MANUFACTURING METHOD

(51) International classification :G02B15/20,G02B13/18 (71)Name of Applicant : (31) Priority Document No :2012013567 1)NIKON CORPORATION (32) Priority Date Address of Applicant: 12 1 Yurakucho 1 chome Chivoda ku :25/01/2012 (33) Name of priority country Tokyo 1008331 Japan :Japan (72)Name of Inventor: (86) International Application No :PCT/JP2012/007034 Filing Date :02/11/2012 1)ARAI Daisaku (87) International Publication No :WO 2013/111221 (61) Patent of Addition to Application :NA :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract:

Provided is a zoom lens comprising a first lens group (G1) having a positive index of refraction a second lens group (G2) having a negative index of refraction at third lens group (G3) having a positive index of refraction and a fourth lens group (G4) having a positive index of refraction. In order from the objective side the first lens group (G1) is configured only of a bonded lens of a negative lens (L11) and a positive lens (L12) and a positive meniscus lens (L13) with a convex face oriented toward the objective side. The aperture stop (S) which establishes the brightness is positioned on the objective side of the third lens group (G3). When zooming all four of the groups (G1 G4) move the aperture stop (S) moves integrally with the third lens group (G3) and with the Abbe s number which takes the d line of the positive lens (L12) which is positioned closest to the objective side of the first lens group (G1) as a reference designated dp1 the following conditional formula is satisfied: dp1>85.0.

No. of Pages: 64 No. of Claims: 12

(21) Application No.10743/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :13/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: ALTERNATIVE METHOD FOR DISMANTLING SOLID PROPELLANT MOTORS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:F42B33/06 :1155213 :15/06/2011 :France :PCT/EP2012/058293 :04/05/2012 :WO 2012/171718 :NA :NA	(71)Name of Applicant: 1)ROXEL FRANCE Address of Applicant: Avenue Gay Lussac F 33167 Saint medard En Jalles Cedex France (72)Name of Inventor: 1)MAILLET Didier 2)DOUAIS Christophe 3)RUMEAU Nicolas 4)LEVEQUE Dominique
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(57) Abstract:

The method according to the invention allows solid propellant motors to be dismantled safely and in accordance with the environmental standards after they have been returned for reprocessing. It consists chiefly for each motor that is to be dismantled in mounting the motor on a static test rig in immersing the rig in a tank filled with water and in starting the motor so that the propellant is used up underwater. The soluble part of the combustion products (gases or condensates) thus remains trapped in the water of the tank while the non soluble solid products drop to the bottom of the tank. The motor body thus emptied of its fuel and rendered pyrotechnically inert is then dismantled or stripped down.

No. of Pages: 24 No. of Claims: 8

(21) Application No.10744/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :12/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: PORT INCLUDING MOVABLE CONNECTOR

(51) International classification :H01R12/71,H01R13/629,G06F1/16

(31) Priority Document No :NA(32) Priority Date :NA(33) Name of priority country :NA

(86) International Application: PCT/US2011/042171

No Filing Date :78/06/2011

(87) International Publication :WO 2013/002765

(61) Patent of Addition to
Application Number
:NA

Application Number
Filing Date
(62) Divisional to Application
Number
Filing Date
:NA

(71)Name of Applicant:

1)HEWLETT PACKARD DEVELOPMENT COMPANY

L.P.

Address of Applicant:11445 Compaq Center Drive W.

Houston Texas 77070 U.S.A. (72)Name of Inventor:

1)SENATORI Mark David

(57) Abstract:

A port of a computing system includes a connector movable between a recessed position and an extended position. The connector is extended from the recessed position to the extended position in response to a plug.

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

(21) Application No.10745/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application: 13/12/2013 (43) Publication Date: 26/12/2014

(54) Title of the invention: METHOD FOR PRODUCING FINE PARTICLES OF ARIPIPRAZOLE ANHYDRIDE CRYSTALS B

(51) International :C07D215/22,A61K31/4704,A61P25/18 classification

(31) Priority Document :61/502417

(32) Priority Date :29/06/2011 (33) Name of priority :U.S.A.

country

(86) International

:PCT/JP2012/067258 Application No :29/06/2012

Filing Date (87) International

:WO 2013/002420 **Publication No**

:NA

(61) Patent of Addition to :NA **Application Number**

:NA Filing Date (62) Divisional to :NA **Application Number**

Filing Date

(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)BANDO Takuji

2)YANO Katsuhiko 3)FUKANA Makoto

4)AOKI Satoshi

(57) Abstract:

The present invention provides a novel method for producing fine particles of aripiprazole anhydride crystals B. The method for producing fine particles of aripiprazole anhydride crystals B comprises the steps of: (1) heating and dissolving crude aripiprazole in a lower alcohol and subsequently cooling the resulting mixture to precipitate crystals to obtain crystals of aripiprazole lower alcohol solvate; (2) subjecting the crystals of aripiprazole lower alcohol solvate to wet milling in the form of a slurry containing the lower alcohol; and (3) subjecting the dispersion of the wet milled crystals to solid liquid separation to obtain the crystals and heating the crystals.

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

(19) INDIA

(22) Date of filing of Application: 13/12/2013 (43) Publication Date: 26/12/2014

(54) Title of the invention: GRAPHICAL USER INTERFACE

(51) International :G01C21/32,B60R16/023,B60W40/076 classification

(31) Priority Document :11005386

:15/07/2011 (32) Priority Date

(33) Name of priority

:Sweden country

(86) International

:PCT/SE2012/050756 Application No :02/07/2012

Filing Date

(87) International :WO 2013/012378

Publication No

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to :NA **Application Number** :NA Filing Date

(57) Abstract:

(71)Name of Applicant: 1)SCANIA CV AB

Address of Applicant: S 151 87 Sdertlje Sweden

(21) Application No.10746/DELNP/2013 A

(72)Name of Inventor: 1)JOHANSSON Oskar 2)S-DERGREN Maria

3)ROOS Fredrik

The present invention relates to a system comprising a user interface which is adapted to present ing map data Dm. According to the invention, an analysis unit does an analysis of map data Dm, involving de 300 termining a quality Q for these map data Dm which are to be presented, which determination is based on whether the respective map data Dm are available and/or reliable. 302 Thereafter the quality Q arrived at is presented graphic ally by a presentation unit. This makes it easy for a user 303 of the invention to be informed of the quality Q of map data Dm which are presented. This makes it possible for the risk of wrong decisions being taken on the basis of deficient map data Dm to be reduced considerably, since the user can easily decide whether there are reliable map data or not.

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

(22) Date of filing of Application :20/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: METHOD AND DEVICE FOR ASSEMBLING A MOTOR FAN UNIT AND A RADIATOR FOR A MOTOR VEHICLE ENGINE AND MOTOR FAN UNIT AND RADIATOR ASSEMBLY OBTAINED

(51) International classification: B60K11/04,F28F9/00,F04D29/52 (71)Name of Applicant: (31) Priority Document No :1155362 1)RENAULT S.A.S. (32) Priority Date Address of Applicant: 13 15 Quai Le Gallo F 92100 Boulogne :20/06/2011 (33) Name of priority country billancourt France :France (86) International Application (72)Name of Inventor: :PCT/FR2012/051121 1)LECROO Dominique :21/05/2012 Filing Date 2)DAVID Patrick (87) International Publication :WO 2012/175831 (61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to Application :NA Number :NA Filing Date

(57) Abstract:

A device for assembling a motor fan unit (3) with a radiator (5) for a motor vehicle engine comprising: a first support frame (9) intended to support the motor fan unit and a second support frame (11) intended to support the radiator at least one of the support frames (9) being provided with at least one peripheral sealing baffle (13) intended to overlap a peripheral edge of the other support frame (11) at least four fixing points (19) for fixing the motor fan unit to the radiator and designed to collaborate by engaging together simultaneously these respectively being two upper fixing points and two lower fixing points the two upper fixing points each comprising at least one pin (19a1) and a U shaped lug (19a2) which are able to collaborate with one another so as to hold the upper part (3a) of the motor fan unit with relatively little play in relation to the radiator and the two lower fixing points each comprising at least one pin (19b1) and a lug with an L shaped housing (19b2) which are able to collaborate with one another so as to hold the lower part (3b) of the motor fan unit slightly away from the radiator and at the end of travel bring the lower part of the motor fan unit in close to the radiator with relatively little play an indexing element for laterally indexing the motor fan unit relative to the radiator and an element for locking the assembly of the motor fan unit relative to the radiator.

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

(21) Application No.9996/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :21/11/2013 (43) Publication Date: 26/12/2014

(54) Title of the invention: SURFACE TREATING COMPOSITION FOR COPPER AND COPPER ALLOY AND UTILIZATION **THEREOF**

(51) International :C23C22/52,C23F11/14,C23F11/16

classification

(31) Priority Document No :2011114289 (32) Priority Date :23/05/2011 (33) Name of priority country: Japan

(86) International Application :PCT/JP2012/063826

No :23/05/2012

Filing Date (87) International Publication :WO 2012/161341

(61) Patent of Addition to :NA

Application Number :NA Filing Date

(62) Divisional to Application :NA Number :NA Filing Date

(71)Name of Applicant:

1) SHIKOKU CHEMICALS CORPORATION

Address of Applicant: 8 537 1 Doki cho Higashi Marugame

shi Kagawa 7638504 Japan

(72)Name of Inventor: 1)HIRAO Hirohiko

2)YAMAJI Noriaki

3)NAKANISHI Masato

4)MURAI Takayuki

(57) Abstract:

A surface treating composition for copper or a copper alloy comprising an imidazole compound and means for using the composition in the soldering of electronic parts to printed wiring boards are disclosed.

No. of Pages: 35 No. of Claims: 10

(21) Application No.9997/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :21/11/2013 (43) Publication Date: 26/12/2014

(54) Title of the invention: TAPPING SCREW

(51) International :F16B25/02,F16B25/06,F16B33/02 classification

(31) Priority Document No :NA (32) Priority Date :NA

(33) Name of priority country: NA

(86) International Application :PCT/JP2011/061627

:20/05/2011 Filing Date

(87) International Publication :WO 2012/160619

(61) Patent of Addition to **Application Number** :NA Filing Date

(62) Divisional to Application :NA Number :NA

Filing Date

(57) Abstract:

(71)Name of Applicant: 1)NITTO SEIKO CO. LTD.

Address of Applicant :20 Umegahata Inokura cho Ayabe shi

Kyoto 6230054 Japan (72)Name of Inventor: 1)hamano sinnichi 2)nishimura naoki 3)kowada kinya

4)ueba kazuhiro

To provide a tapping screw exerting an excellent anti loosening effect with regard to a workpiece formed from a soft material such as resins and aluminum alloys. [Solution] A tapping screw (1) having a shaft part (3) and a normal screw thread (10) formed on the circumferential surface of the shaft part (3) wherein clearance grooves (20) are formed on the normal screw thread (10) by cutting out the tops of the normal screw thread (10) and an engaging protrusion (30) is formed on the bottom surface (21) of each clearance groove (20) along the entire edge connected to the flank plane (11) of the normal screw thread (10) or along a portion of the aforementioned edge. This tapping screw (1) exerts an excellent anti loosening effect even when a workpiece expands contracts or oscillates because the engaging protrusions (30) cut into the excess thickness of the workpiece which cut into the clearance grooves

No. of Pages: 25 No. of Claims: 3

(22) Date of filing of Application :21/11/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: GLOW PLUG AND METHOD FOR MANUFACTURING GLOW PLUG

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:2011116831 :25/05/2011 :Japan	(71)Name of Applicant: 1)NGK SPARK PLUG CO. LTD. Address of Applicant: 14 18Takatsuji cho Mizuho ku Nagoya shi Aichi 4678525 Japan (72)Name of Inventor: 1)MORITA Kazuto
11		
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Provided are a glow plug in which a seal member has excellent seal performance and does not easily come off and a method for manufacturing the glow plug. A glow plug (1) is provided with a metallic sheath tube (4) which has a cylindrical shape with a closed front end a heating element (5) which is accommodated in the sheath tube insulating powder (6) which is filled in the sheath tube (4) and around the heating element (5) a metallic lead (7) which is connected to the heating element (5) and inserted into the sheath tube (4) from the back end side thereof to form a shaft shape and a seal member (8) which is located in a seal portion (4a) at the back end of the sheath tube (4) and hermetically seals the space between the sheath tube (4) and the lead (7) the glow plug being characterized in that the sheath tube (4) is formed to have an approximately constant outer diameter within the formation range of the seal portion (4a) and beyond the range in an axial direction and has an engagement projection (16) deformed to project inward in a radial direction in the seal portion (4a).

No. of Pages: 46 No. of Claims: 11

(21) Application No.10676/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application:11/12/2013 (43) Publication Date: 26/12/2014

(54) Title of the invention: METHOD AND APPARATUS FOR GEO LOCATING MOBILE STATION

(51) International classification :G01S3/30,G01S5/02,G01S5/12 (71)Name of Applicant : :13/171967 (31) Priority Document No

(32) Priority Date :29/06/2011 (33) Name of priority country :U.S.A.

(86) International Application No :PCT/US2012/038042

Filing Date :16/05/2012 (87) International Publication No: WO 2013/002905

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to Application :NA Number :NA Filing Date

1)ALCATEL LUCENT

Address of Applicant: 3 avenue Octave Grard F 75007 Paris

(72)Name of Inventor:

1)SANDERS Susan W.

2)BU Tian

(57) Abstract:

A method for estimating a geographic location of a mobile station includes calculating an angular position of a mobile station to a base station based on first and second signal strength measurements and an angular position reference for the base station the signal strength measurements from the mobile station for RF signals from first and second sector antennas of the base station. Another method includes calculating a radial distance of a mobile station from a base station serving the mobile station determining a signal strength report from the mobile station includes a signal strength measurement for an RF signal from a first sector antenna of the base station and identifying a geographic location of the mobile station based on intersection of a circle around the base station with a radius of the radial distance with a sub sector geographic area in an RF coverage map for the first sector antenna.

No. of Pages: 73 No. of Claims: 10

(21) Application No.10677/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :11/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: SUSPENSION DEVICE AND SEASONING

(57) Abstract:

The present invention relates to a food and a suspension device (10), the food product being covered with a seasoning, the suspension device (10) configured be attached to a locationin an oven.

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

(22) Date of filing of Application :21/11/2013 (43) Publication Date: 26/12/2014

(54) Title of the invention: THERMOPLASTIC POLYURETHANE WITH REDUCED TENDENCY TO BLOOM FROM A BIO BASED GLYCOL

(51) International :C08G18/10,C08G18/42,C08G18/66

classification :61/498034

(31) Priority Document No (32) Priority Date :17/06/2011 (33) Name of priority country:U.S.A. (86) International

:PCT/US2012/041838 Application No

:11/06/2012 Filing Date

(87) International Publication :WO 2012/173911

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to :NA **Application Number** :NA Filing Date

(71)Name of Applicant:

1)LUBRIZOL ADVANCED MATERIALS INC.

Address of Applicant: 9911 Brecksville Road Cleveland Ohio

44141 3247 U.S.A. (72)Name of Inventor:

1)FARKAS Julius

(57) Abstract:

The present invention discloses a thermoplastic polyurethane comprised of the reaction product of (1) a hydroxyl terminated polyester intermediate (2) a polyisocyanate and (3) a glycol chain extender; wherein the polyester intermediate is comprised of repeat units derived from a 1 3 propylene glycol component and a dicarboxylic acid wherein the 1 3 propylene glycol component comprises a bio based 1 3 propylene glycol; wherein the polyester intermediate has a number average molecular weight from 500 to 10 000; and wherein the polyurethane includes hard segments that are the reaction product of the polyisocyanate and the glycol chain extender. This thermoplastic polyurethane is unique as it has a greatly reduced tendency to bloom and is prepared from a renewable material. Blooming causes articles containing the polyurethane to be hazy or foggy in appearance and can also reduce the ability of an article to be securely bound to another with an adhesive.

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

(21) Application No.9991/DELNP/2013 A

(19) INDIA

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

(43) Publication Date: 26/12/2014

(54) Title of the invention : METHODS OF TREATING MULTIPLE SCLEROSIS AND PRESERVING AND/OR INCREASING MYELIN CONTENT

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	:A01N37/00,A61K31/19 :61/490572 :26/05/2011 :U.S.A. :PCT/US2012/039721 :25/05/2012 :WO 2012/162669	(71)Name of Applicant: 1)BIOGEN IDEC MA INC. Address of Applicant:14 Cambridge Center Cambridge MA 02142 U.S.A. (72)Name of Inventor: 1)DAWSON Katherine 2)ONEILL Gilmore
(61) Patent of Addition to ApplicationNumberFiling Date(62) Divisional to Application Number	:NA :NA :NA	3)SANDROCK Alfred
Filing Date	:NA	

(57) Abstract:

Methods of treating multiple sclerosis in a subject including: reducing the frequency of relapse reducing the annualized relapse rate reducing the risk of disability progression reducing the number of new or newly enlarging T2 lesions reducing the number of gadolinium lesions; and methods of preserving/increasing myelin content in a subject having multiple sclerosis; by daily administering a composition containing a fumarate such as dimethyl fumarate or monomethyl fumarate to the subject.

No. of Pages: 51 No. of Claims: 42

(22) Date of filing of Application :21/11/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: SPEED DETECTION DEVICE OF EDDY CURRENT METER

(51) International classification	:G01P1/07,G01P3/495	(71)Name of Applicant:
(31) Priority Document No	:2011122534	1)NIPPON SEIKI CO.LTD.
(32) Priority Date	:31/05/2011	Address of Applicant :2 34Higashi zaoh 2 chomeNagaoka shi
(33) Name of priority country	:Japan	Niigata 9408580 Japan
(86) International Application No	:PCT/JP2012/060202	(72)Name of Inventor:
Filing Date	:16/04/2012	1)HAYAKAWAToshio
(87) International Publication No	:WO 2012/165065	
(61) Patent of Addition to Application	:NA	
Number	:NA :NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Provided is a speed detection device of an eddy current meter the speed detection device capable of reducing the cost by reduction in the number of components and maintaining stable detection accuracy. In an eddy current meter (C) provided with a magnet rotor (2) which rotates with a main shaft (1) a rotor (3) which rotates with the rotation of the magnet rotor (2) a pointer shaft (5) which is affixed to the rotor (3) and to which a pointer (4) is attached and a frame body (6) which secures the main shaft (1) and in which the magnet rotor (2) and the rotor (3) are disposed a speed detection device is provided with a magnetic detection element (7) provided near the magnet rotor (2) a circuit board (8) on which the magnetic detection element (7) is disposed and a holder (9) which holds the circuit board (8) in the frame body (6) a pair of arm pieces (9b 9c) is provided in the holder (9) the respective arm pieces (9b 9c) are affixed to the frame body (6) via first and second screws (10a 10b) and the magnetic detection element (7) is located on a line (L) connecting a mounting position (X) by the first screw (10a) and a mounting position (Y) by the second screw (10b).

No. of Pages: 20 No. of Claims: 3

(21) Application No.11039/DELNP/2013 A

(19) INDIA

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

(43) Publication Date: 26/12/2014

(54) Title of the invention: ELECTRIC STORAGE SYSTEM AND METHOD FOR MANAGING SECONDARY BATTERY **RESIDUAL QUANTITY**

(51) International classification :H02J7/00,H01M10/44 (71)Name of Applicant : (31) Priority Document No :2011156850 (32) Priority Date :15/07/2011 (33) Name of priority country :Japan (86) International Application No :PCT/JP2012/064678

Filing Date :07/06/2012 (87) International Publication No :WO 2013/011766

(61) Patent of Addition to Application :NA Number :NA Filing Date

(62) Divisional to Application Number :NA Filing Date :NA

1)NEC ENERGY DEVICES LTD.

Address of Applicant: 1120 Shimokuzawa Chuo ku

Sagamihara shi Kanagawa 2525298 Japan

(72)Name of Inventor: 1)HASHIMOTO Yoichi

2)UENO Hiroaki

(57) Abstract:

An electric storage system of the present invention has: a secondary battery; a battery control unit which controls charging and discharging of the secondary battery; and a charge/discharge managing unit which controls the charging and discharging of the secondary battery via the battery control unit. In the case where an operation abnormality is generated in the battery control unit the battery control unit transmits to the charge/discharge managing unit residual quantity data that indicates a residual quantity of the secondary battery just before the operation abnormality is generated.

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

(21) Application No.1818/DEL/2013 A

(19) INDIA

(22) Date of filing of Application :19/06/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: A USB BASED SETUP EMBEDDED IN THE ELECTRICAL SWITCHBOARD TO SUBSTITUTE ADOPTER BASED CHARGERS.

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	:H02J7/00 :NA :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)VIVEK KHANNA Address of Applicant: A-14 GEETANJALI ENCLAVE NEW DELHI-110017 Delhi India 2)ANKIT BERI (72)Name of Inventor: 1)VIVEK KHANNA
 (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	1)VIVEK KHANNA 2)ANKIT BERI

(57) Abstract:

The present invention relates to a USB based output for connecting to the charger inputs of the electronic devices such as tablets, mobile phones etc being provided as a direct function to be embedded on an electrical switchboard using the power supply of AC flowing in our circuits. The device comprises: 1. USB means Universal Serial Bus standard connectors which are employed for output purpose. 2. An internal circuit module which converts the AC power supply to DC parameters suitable to be used as a charging function. 3. Input supply taken from the already present electrical wiring behind the switchboard. 4. The whole setup mounted on an electrical switchboard to ease the functionality. Note: - .:. Repeat boxes in case of more than one entry. :. To be Signed by applicant(s) or by authorized patent agent :. Name of applicant should be given in full, family name in the beginning. :. Complete address of the applicant should be given stating the postal index no./ code, state and country. :. Strike out the column which is/are not applicable.

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

(19) INDIA

(22) Date of filing of Application :13/12/2013

(21) Application No.10747/DELNP/2013 A

(43) Publication Date: 26/12/2014

(54) Title of the invention: LIGHTWEIGHT TYRE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application 	:B60C3/04 :1156683 :22/07/2011 :France :PCT/EP2012/063990 :17/07/2012 :WO 2013/014029 :NA	(71)Name of Applicant: 1)COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN Address of Applicant: 12 Cours Sablon F 63000 Clermont Ferrand France 2)MICHELIN RECHERCHE ET TECHNIQUE S.A. (72)Name of Inventor: 1)FERIGO Herv
· · ·		

(57) Abstract:

Tyre with a maximum axial width SW and axial width RW at the beads (20) comprising a crown reinforcement of width TW and a radial carcass reinforcement (60) in which tyre when it is fitted onto its mounting rim (5) and inflated to its service pressure and equilibrium the following conditions are satisfied: Thy/SW = 75% TWIRW = 85% and X/SH = 50% where X is the radial height at which the tyre has its maximum axial width and SH denotes the radial height of the tyre; Y/SH = 80% where Y is the radial height of the carcass reinforcement (60) at the end of the crown reinforcement; and Z/SH = 90% where Z denotes the radial height of the carcass reinforcement and in which the absolute value of the angle a between the tangent to the carcass reinforcement at the points of the carcass reinforcement having the same axial positions as the axial ends of the crown reinforcement and the axial direction is less than or equal to 22° .

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

(21) Application No.10748/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :13/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: FIBER OPTIC CONNECTORS CABLE ASSEMBLIES AND METHOD FOR MAKING THE SAME

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:30/06/2011 :WO 2013/000102 :NA :NA	(71)Name of Applicant: 1)CORNING CABLE SYSTEMS (SHANGHAI) CO. LTD. Address of Applicant: No. 255 Beihe Highway Building 8 First and Second Floors Jiading District Shanghai 201800 China (72)Name of Inventor: 1)SUN Jiwei
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA	

(57) Abstract:

A fiber optic connector comprises a mechanical splice assembly, a cam for activating the mechanical splice assembly, o a mechanical splice assembly holder for accommodating and retaining the rear portion of the mechanical splice assembly, a clamp holder, a connector housing for accommodating the front portion of the mechanical splice assembly and a shroud. A method for making the same fiber optic connector is also provided. The mechanical splice assembly can be mounted onto the splice assembly holder without using adhesives and the fiber optic connector can be activated/reactivated without using special tools in field installation.

No. of Pages: 63 No. of Claims: 162

(21) Application No.10749/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application: 13/12/2013 (43) Publication Date: 26/12/2014

(54) Title of the invention: COMPONENT INCLUDING A RECHARGEABLE BATTERY

(51) International :H01M4/88,H01M4/62,H01M10/28 classification

(31) Priority Document No :1109928.0 (32) Priority Date :14/06/2011

(33) Name of priority country: U.K.

(86) International Application :PCT/GB2012/051227

No :31/05/2012 Filing Date

(87) International Publication :WO 2012/172308

No

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to Application :NA Number :NA

Filing Date

(71)Name of Applicant: 1)BAE SYSTEMS PLC

Address of Applicant: 6 Carlton Gardens London SW1Y 5AD

(72)Name of Inventor:

1)DYKE Amy Elizabeth 2)DUNLEAVY Michael 3)HUCKER Martyn John

(57) Abstract:

According to the invention there is provided a component including a rechargeable battery and a method of produ - o cing same. The component uses one of an acid and an alkaline chemistry and the battery has an anode structure, a cathode structure, and a separator structure which separates the anode from the cathode and contains an electrolyte. The anode structure and the cath - ode structure are each formed from a composite material which includes electrically conductive fibres and electrochemically active material in a binder matrix comprising less than 50% w/w of an elastomer binder and the battery is formed to be structurally insepar able from the rest of the component.

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

(21) Application No.10933/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :19/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: HEADER BOX HEAT EXCHANGER AND CORRESPONDING METHOD OF 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 	:11/07/2012 :WO 2013/007758 :NA :NA :NA	(71)Name of Applicant: 1)VALEO SYSTEMES THERMIQUES Address of Applicant:8 rue Louis Lormand F 78321 Le Mesnil Saint Denis France (72)Name of Inventor: 1)RIONDET Christian
Filing Date	:NA	

(57) Abstract:

The invention relates to a header box for a heat exchanger comprising: a collector plate (11) having openings (17) for the passage of a plurality of heat exchange tubes (5) and of at least two end plates (7) on either side of said tubes (5) an elastic sealing means (13) positioned on the peripheral contour of the collector plate (11) and a cover (15) having a cover leg (25) which closes said header box compressing said sealing means (13). Said end plates (7 107 207) have inside the collector plate (11 111 211) an axial extension of length () greater than or equal to the height () of said sealing means (13 113 213) and said sealing means (13 113 213) is positioned resting under tension against said end plates (7 107 207). The invention also relates to a heat exchanger comprising at least one such header box. The invention further relates to the method of assembling this exchanger.

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

(21) Application No.10934/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :19/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention : INTEGRATED PROCESS FOR THE PREPARATION OF 1 4 CYCLOHEXANEDIMETHANOL FROM TEREPHTALIC ACID

(51) International :C07C29/149,C07C67/08,C07C67/303

classification (31) Priority Document No :13/194040

(32) Priority Date :29/07/2011

(33) Name of priority :U.S.A.

country

(86) International PCT/US2012/047793
Application No

Filing Date :23/07/2012

(87) International :WO 2013/019440

Publication No (61) Patent of Addition to

Application Number :NA
Filing Date :NA

(62) Divisional to
Application Number
Filing Date
:NA
:NA

(71)Name of Applicant:

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Address of Applicant :200 South Willcox Drive Kingsport TN

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(72)Name of Inventor:

1)BARTON Benjamin Fredrick

2)COOK Steven Leroy 3)HOWELL Jeff Scott

4)MCMILLAN Noah Glenn 5)SHACKELFORD Darnon Bryan

5)SHACKELFORD Darnon B 6)TENNANT Brent Alan

7)TURNER Phillip Wayne

(57) Abstract:

Disclosed is an integrated process for the preparation of 1 4 cyclohexanedimethanol from terephthalic acid. Terephthalic acid is esterified with (4 methylcyclohexyl)methanol and the terephthalate ester hydro genated to 1 4 cyclohexanedimethanol in a 2 stage process. The (4 methylcyclohexyl)methanol that is formed during the hydrogenation step is recycled to the esterification reaction. Also disclosed is a method for purifying and recovering the 1 4 cyclohexanedimethanol product.

No. of Pages: 57 No. of Claims: 20

(21) Application No.10937/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :19/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: COMPUTATIONALLY OPTIMIZED BROADLY REACTIVE ANTIGENS FOR H1N1 INFLUENZA

(51) International classification :C12N15/33,C12N15/44,C12N15/63

(31) Priority Document No :61/498800 (32) Priority Date :20/06/2011 (33) Name of priority country:U.S.A.

(86) International PCT/US2012/043347
Application No

Filing Date :20/06/2012

(87) International Publication :WO 2012/177760

(61) Patent of Addition to
Application Number
:NA

Filing Date

(62) Divisional to

NA

NA

NA

(62) Divisional to
Application Number
Filing Date
:NA

(71)Name of Applicant:

1)UNIVERSITY OF PITTSBURGH OF THE

COMMONWEALTH SYSTEM OF HIGHER EDUCATION

Address of Applicant :200 Gardner Steel Conference Center Thackeray And Ohara Streets Pittsburgh PA 15260 U.S.A.

(72)Name of Inventor:

1)ROSS Ted M.

2)GILES Brendan M.

3)CREVAR Corey J.

(57) Abstract:

Described herein is the generation of optimized HlNl influenza HA polypeptides for eliciting a broadly reactive im mune response to HlNl influenza virus isolates. The optimized HA polypeptides were developed through a series of HA protein alignments, and subsequent generation of consensus sequences, based on selected HlNl viruses isolated from 1918-201 1. Provided herein are optimized HlNl HA polypeptides, and compositions, fusion proteins and VLPs comprising the HA polypeptides. Further provided are codon-optimized nucleic acid sequences encoding the HA polypeptides. Methods of eliciting an immune response against influenza virus in a subject are also provided by the present disclosure.

No. of Pages: 89 No. of Claims: 25

(21) Application No.10938/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :19/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: SHEATH FOR INTRODUCER

(51) International classification	:A61M25/08,A61L29/00	(71)Name of Applicant:
(31) Priority Document No	:2011144697	1)TERUMO KABUSHIKI KAISHA
(32) Priority Date	:29/06/2011	Address of Applicant :44 1 Hatagaya 2 chome Shibuya ku
(33) Name of priority country	:Japan	Tokyo 1510072 Japan
(86) International Application No	:PCT/JP2012/066433	(72)Name of Inventor:
Filing Date	:27/06/2012	1)OKAMURA Ryo
(87) International Publication No	:WO 2013/002286	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Provided is a sheath for an introducer the sheath being configured so that the front end thereof can be prevented from curling even if the wall thickness thereof is reduced. A sheath (20) for an introducer is configured from a sheath tube (21) provided with a hollow section (21a) into which a long body can be inserted and the sheath (20) is provided with a sheath front end section (50) and a sheath body section (60). In the sheath (20) for an introducer the sheath front end section (50) is formed to be harder than the sheath body section (60).

No. of Pages: 51 No. of Claims: 12

(21) Application No.1824/DEL/2013 A

(19) INDIA

(22) Date of filing of Application :20/06/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention : STORAGE STABLE TRANSDERMAL PATCH OF ROTIGOTINE CAPABLE OF THERAPEUTIC TRANSDERMAL DELIVERY RATE

(51) International classification	:A61K9/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)MYLAN TECHNOLOGIES INC.
(32) Priority Date	:NA	Address of Applicant :LEGAL-IP GLOBAL
(33) Name of priority country	:NA	MORGANTOWN WEST VIRGINIA, 26504 USA U.S.A.
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)ABHIJIT DESHMUKH
(87) International Publication No	: NA	2)DIXIT, AKHILESH
(61) Patent of Addition to Application Number	:NA	3)KUMAR, RAJESH BIJAY
Filing Date	:NA	4)KUMAR, PRASANNA
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Disclosed is a transdermal delivery device comprising a backing layer, a release liner, and an adhesive layer between the backing layer and the release liner, the adhesive layer comprising an active agent solubilized in an adhesive matrix, the adhesive matrix comprising a mixture ofbiocompatible polymers, wherein the active agent is soluble in at least one ofthe biocompatible polymers.

No. of Pages: 32 No. of Claims: 43

(22) Date of filing of Application :05/09/2012 (43) Publication Date : 26/12/2014

(54) Title of the invention: LEAF PROTEIN CONCENTRATE BASED NOVEL FUNCTIONAL FOOD TO COMBAT MALNUTRITION AND ANAEMIA AND PROCESS FOR THE PREPARATION THEREOF

(51) International classification	:A23L	(71)Name of Applicant:
(31) Priority Document No	:NA	1)AMITY UNIVERSITY
(32) Priority Date	:NA	Address of Applicant : AMITY UNIVERSITY CAMPUS,
(33) Name of priority country	:NA	SECTOR-125, NOIDA-201303, UP, Uttar Pradesh India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)CHARU GUPTA
(87) International Publication No	: NA	2)DHAN PRAKASH
(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 functional food composition with specific combination of multiple nutrients comprising leaf protein concentrate obtained from underutilized parts of agri-horticulture wastes like leaves and residual parts of cauliflower (Brassica oleracea), cabbage (Brassica oleracea), radish (Raphanus sativus), turnip {Brassica rapa), carrot (Daucus carota), beet root (Beta vulgaris) fortified with natural vitamins and iron derived from green leafy vegetables such as but not limited to spinach (Spinacia oleracea), mustard (Brassica campestris), bathua (Chenopodium album), Chaulai (Amaranthus species) and drumstick (Moringa oleifera). The product can be used in different forms such as nutraceutical, functional food, designer or medical foods to combat malnutrition and anemia. It can also be used as a food supplement in the form of powder, granules and biscuits or directly by adding jaggery to impart sweetness in the form of porridge.

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

(21) Application No.2138/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :11/07/2012 (43) Publication Date : 26/12/2014

(54) Title of the invention: DEGRADATION OF EHTIDIUM BROMIDE USING BACTERIAL STRAIN

(51) International classification	:C12N15/70	(71)Name of Applicant :
(31) Priority Document No	:NA	1)AMITY UNIVERSITY
(32) Priority Date	:NA	Address of Applicant :AMITY UNIVERSITY CAMPUS,
(33) Name of priority country	:NA	SECTOR-125, NOIDA-201303, UP, Uttar Pradesh India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)RACHANA SINGH
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention provides the method that uses the gram negative bacterial strain for degrading the poisonous fluorescent dye Ethidium bromide. The metabolic activity of isolated strains can be applied in degradation of the Ethidium bromide at higher concentrations. This is a very efficient, cheap approach for degrading the hazardous Ethidium bromide.

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

(21) Application No.2139/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :11/07/2012 (43) Publication Date : 26/12/2014

(54) Title of the invention: ADVANCE BRAKE FAILURE ALARM SYSTEM

(51) International classification	:B60T	(71)Name of Applicant :
(31) Priority Document No	:NA	1)AMITY UNIVERSITY
(32) Priority Date	:NA	Address of Applicant : AMITY UNIVERISTY CAMPUS,
(33) Name of priority country	:NA	SECTOR-125, NOIDA-201303, UP, Uttar Pradesh India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)HEMANT CHOUHAN
(87) International Publication No	: NA	2)ARJUN CHAUHAN
(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 simple, inexpensive brake failure alarm system for better road safety to the driver which gives an advance warning about brake failure to help him take preventive measure. The system comprises an auxiliary brake fluid leakage detector to detect flow of brake fluid. The brake fluid motion is detected by a motion sensor which senses flow of brake fluid and compares with brake pedal status. In a situation when pedal is not pressed and fluid flow is detected, then it is an indication of brake failure and thus there is no need to press brake pedal for brake failure detection.

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

(22) Date of filing of Application :18/06/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: EMERGENCY BRAKE ASSIST SYSTEM USING ACCELERATOR PEDAL (EBA)

(51) International classification :B60T1 (31) Priority Document No :NA (32) Priority Date :NA (33) Name of priority country :NA (86) International Application No :NA Filing Date :NA (87) International Publication No :NA (61) Patent of Addition to Application Number Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA Filing Date :NA	(71)Name of Applicant: 1)PRINCIPAL, DRONACHARYA COLLEGE OF ENGINEERING Address of Applicant: KHENTAWAS, FARRUKHNAGAR, GURGAON-123506 Haryana India (72)Name of Inventor: 1)DR. S.K. BAGGA 2)RAJESH ARORA 3)HARKESH YADAV 4)NIKHIL KAUSHIK 5)NITIN YADAV 6)RAKESH
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(57) Abstract:

Many drivers are not prepared for the relatively high efforts required for maximum braking. If an emergency arises, a slow reaction and less than maximum braking input could result in insufficient time or distance to stop before an accident occurs. If the system identifies an emergency, it automatically initiates full braking that is much faster than drivers foot movement. Emergency stopping distances can be shortened, reducing the chance of accidents - especially the common nose to tail incident. An electronic system designed to recognise emergency braking operation and automatically apply braking effort, which improves both vehicle and occupants safety. Emergency Brake Assist System using accelerator pedal detects circumstances in which emergency braking is required by measuring the speed at which the accelerator pedal is released and applies brakes instantaneously. , I SIGNATURE : hu& Cdfrer or bw; v.mdbli bJamr.22-

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

(19) INDIA

(22) Date of filing of Application :21/11/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: PROCESS FOR PREPARING FORMIC ACID

(51) International classification		(71)Name of Applicant:
(31) Priority Document No	:11169224.0	1)BASF SE
(32) Priority Date	:09/06/2011	Address of Applicant :67056 Ludwigshafen Germany
(33) Name of priority country	:EPO	(72)Name of Inventor:
(86) International Application No	:PCT/EP2012/060845	1)FACHINETTI Giuseppe
Filing Date	:08/06/2012	2)PRETI Debora
(87) International Publication No	:WO 2012/168396	
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(21) Application No.9983/DELNP/2013 A

(57) Abstract:

A process for preparing formic acid by hydrogenation of carbon dioxide in the presence of a tertiary amine (I) and a catalyst at a pressure of from 0.2 to 30 MPa abs and a temperature of from 20 to 200°C wherein the catalyst is a heterogeneous catalyst comprising gold.

No. of Pages: 36 No. of Claims: 12

(21) Application No.10984/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :20/12/2013

(43) Publication Date: 26/12/2014

(54) Title of the invention: MECHANISM AND CHAIR FOR POWERED COMBINED AND INDEPENDENT SEAT BACK AND LEG REST MOTION

(51) International

:A47C17/04,A47C1/032,A47C1/034

classification

:13/229149 (31) Priority Document No (32) Priority Date :09/09/2011

(33) Name of priority country:U.S.A.

(86) International

Application No Filing Date

:PCT/US2012/052090 :23/08/2012

(87) International Publication :WO 2013/036388

(61) Patent of Addition to **Application Number** Filing Date

:NA :NA

(62) Divisional to :NA **Application Number** :NA Filing Date

(71)Name of Applicant:

1)LA Z BOY INCORPORATED

Address of Applicant :1284 N. Telegraph Road Monroe MI

48162 U.S.A.

(72)Name of Inventor:

1)MARSHALL Richard E.

2)COLE Eugene II

3)LAPOINTE Larry P.

4)ADAMS Chad E.

(57) Abstract:

A furniture member mechanism includes a first actuator device electrically operated to displace first and second seat back actuation links connected to and operating to rotate a seat back member between upright and fully reclined positions. A pantograph linkage set connected to a leg rest member is at least partially supported in an extended position by rotational contact with a support rod. A second actuator device identical to the first actuator device is electrically operated to axially rotate a drive rod connected to a drive link. The drive link is connected to and displaces the pantograph linkage set between the stowed and extended positions. A swing lever rotatably connected to the support rod is rotated during operation of the second actuator device to extend the pantograph linkage set. The swing lever in a fully rotated position displaces the support rod creating a furniture member tilt position.

No. of Pages: 52 No. of Claims: 34

(22) Date of filing of Application :20/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: AGGLOMERATION AND CHARGE LOSS SENSOR FOR MEASURING PARTICULATE 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 (61) Patent of Addition to Application Number Filing Date 	:27/01/2012 :WO 2012/161754 :NA :NA	(71)Name of Applicant: 1)EMISENSE TECHNOLOGIES LLC Address of Applicant:27122A Paseo Espada #921 San Juan Capistrano CA 82675 U.S.A. (72)Name of Inventor: 1)ALLMENDINGER Klaus 2)HENDERSON Brett 3)LOURDHUSAMY Anthoniraj 4)SORENSON Lee 5)STEPPAN James
- 14	:NA :NA :NA	

(57) Abstract:

A sensor assembly to measure particulate matter is described. The sensor assembly includes a voltage source a sensor electrode a grounded assembly an integration capacitor and a current meter. The sensor electrode is coupled to the voltage source to receive a voltage. The sensor electrode is disposed within a directed and controlled exhaust flow within the sensor assembly to facilitate particle agglomeration into particulate matter structures at a surface of the sensor electrode. The grounded assembly is coupled to a ground reference and disposed at a distance from the sensor electrode. The integration capacitor is coupled to a negative side of the voltage source. The integration capacitor is configured to integrate in time current pulses from charge transfers from the sensor electrode of the particulate matter structures.

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

(22) Date of filing of Application :20/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: PROCESS FOR THE ALKYLATION OF AROMATIC HYDROCARBONS WITH OLEFINS

` '	n:C07C2/66,C07C37/08,C07C39/04	` '
(31) Priority Document No	:MI2011A001144	1)VERSALIS S.P.A.
(32) Priority Date	:23/06/2011	Address of Applicant :Piazza Boldrini 1 I 20097 Milan Italy
(33) Name of priority country	:Italy	(72)Name of Inventor:
(86) International Application	:PCT/EP2012/061947	1)CALARESU Paolo
No	:21/06/2012	2)DEL SEPPIA Alessandro
Filing Date	:21/06/2012	3)BENCINI Elena
(87) International Publication	:WO 2012/175601	4)FOIS Giovanni Antonio
No	.WO 2012/173001	5)CASALINI Alessandro
(61) Patent of Addition to	:NA	
Application Number		
Filing Date	:NA	
(62) Divisional to Application	NT A	
Number	:NA	
- 1	:NA	
Filing Date	.TVA	

(57) Abstract:

Process for the alkylation of aromatic hydrocarbons by means of olefins containing from 2 to 8 carbon atoms which comprises feeding the hydrocarbon olefin and possibly water to the head of a fixed bed reactor operating with a trickle flowregime containing at least one layer of acatalyst comprising a medium or large pore zeolite.

No. of Pages: 20 No. of Claims: 15

(21) Application No.1817/DEL/2013 A

(19) INDIA

(22) Date of filing of Application :19/06/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: A COUNTER MEASURE SYSTEM

(51) T	G01GF/06	
(51) International classification	:G01S7/36	(71)Name of Applicant :
(31) Priority Document No	:NA	1)ACTIVE AIR LTD.
(32) Priority Date	:NA	Address of Applicant :4 Ha TM maayan Street, 2 Ligad House,
(33) Name of priority country	:NA	Modiin 71700, Israel
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)Vladimir KRUPKIN
(87) International Publication No	: NA	2)Shai Shlomi ALAGEM
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A countermeasure system for protecting a target against a threat of a certain type, the system comprising a sensing system including at least a first sensor configured for detecting a threat within a wide-angle sector and configured for producing a first directional signal indicative of a first angular zone of location of the threat. The sensing system comprises at least a second sensor configured for detecting the threat within a narrow-angle sector narrower than the wide angle sector, and configured for producing a second directional signal indicative of a second angular zone of location of the threat, the second zone being narrower than the first zone; an illumination source configured for emitting an illumination beam capable of neutralizing a threat of the type; a control arrangement operative for receiving the first and the second directional signal from the first and the second sensors, respectively, and for outputting corresponding first and second tracking signals; a drive arrangement controllable by the control arrangement, and operative for moving the second sensor in response to the first tracking signal so as orient the second sensor to face towards the first zone, and beam directing means for directing the illumination beam from the illumination source towards the second zone based on the second tracking signal.

No. of Pages: 40 No. of Claims: 35

(22) Date of filing of Application :21/06/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention : BUFCOL-A COMPLETE DIET FOR ENHANCED SURVIVABILITY AND GROWTH OF NEONATE BUFFALO CALVES

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:A61K38/00 :NA :NA :NA	(71)Name of Applicant: 1)INDIAN COUNCIL OF AGRICULTURAL RESEARCH (ICAR) Address of Applicant: KRISHI BHAWAN, 1, DR.
(86) International Application No	:NA	RAJENDRA PRASAD ROAD, NEW DELHI-110001 Delhi India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)P. SIKKA
(61) Patent of Addition to Application Number	:NA	2)RK SETHI
Filing Date	:NA	3)D LALL
(62) Divisional to Application Number	:NA	4)SUDHIR KHANNA
Filing Date	:NA	

(57) Abstract:

The present invention provides a ready to use formulation for neonate calves in the form of agglomerated, water soluble dietary powder prepared from buffalo colostrum along with antioxidant nutrients and antibacterial agents and having ability to improve survival of neonate calves by ensured early immunity. It enables weaning in these calves providing for complete nutrition supplements required for growth. The preparation is efficient in sustaining the growth of calves and enabling them to have sound and healthy footing for a better productive performance.

No. of Pages: 18 No. of Claims: 11

(21) Application No.10892/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :18/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: DIHYDRATE HEMIHYDRATE PROCESS FOR PRODUCING PHOSPHORIC ACID

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (26) International Application No. 	:C01B25/231 :NA :NA :NA	(71)Name of Applicant: 1)PRAYON TECHNOLOGIES Address of Applicant :rue Joseph Wauters 144 B 4480 Engis Belgium (72)Name of Inventor:
•	:NA	Address of Applicant :rue Joseph Wauters 144 B 4480 Engis
(33) Name of priority country	:NA	Belgium
(86) International Application No	:PCT/EP2011/059128	(72)Name of Inventor:
Filing Date	:01/06/2011	1)HOXHA Antoine
(87) International Publication No	:WO 2012/163425	2)FATI Dorina
(61) Patent of Addition to ApplicationNumberFiling Date	:NA :NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The invention relates to a process for producing phosphoric acid including etching in an aqueous medium phosphate rock using sulfuric acid resulting in the formation of a first dihydrate slurry in suspension in an aqueous phase having a free PO content of between 38 and 50% and a free SO content lower than 0.5% converting said first slurry by means of heating resulting in the recrystallization of the solubilized calcium sulfate so as to obtain a second hemihydrate slurry and separating the second slurry into industrial phosphoric acid and a hemihydrate cake characterized in that said process includes during the etching adding a fluorine source into the first slurry with a content of 1 to 5 wt % of F relative to the PO contained in the phosphate rock.

No. of Pages: 19 No. of Claims: 11

(21) Application No.10893/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :18/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention : CERAMIC PARTICLE MIXTURE AND METHOD FOR MANUFACTURING CERAMIC PARTS FROM SUCH A MIXTURE

(51) International classification :C04B35/622,B23K26/40 (71)Name of Applicant : 1)CENTRE DE RECHERCHE DE LINDUSTRIE BELGE (31) Priority Document No :11168493.2 (32) Priority Date :01/06/2011 DE LA C%RAMIQUE (33) Name of priority country Address of Applicant : Avenue Gouverneur Cornez 4 B 7000 :EPO (86) International Application No :PCT/EP2012/060261 Mons Belgium (72)Name of Inventor: Filing Date :31/05/2012 (87) International Publication No :WO 2012/164025 1)PETIT Fabrice (61) Patent of Addition to Application 2)LARDOT Vronique :NA Number 3)OTT Cdric

Number :NA
Filing Date

(62) Divisional to Application Number :NA
Filing Date :NA

3)OTT Cdric 4)JUSTE Enrique 5)CAMBIER Francis

(57) Abstract:

The invention relates to a ceramic particle mixture containing as components a predominant portion by weight of frittable particles made of a ceramic material and particles of at least one additive at least one additive being a dispersed absorbent solid inorganic material which has for a laser beam emitted at a predetermined wavelength a specific absorptivity that is greater than the absorptivity of the other components of the ceramic mixture and which drastically breaks down when gas is emitted in the presence of the laser beam said additive being present in proportions of less than 5% of the dry weight. The invention also relates to ceramic parts produced from such a mixture.

No. of Pages: 25 No. of Claims: 27

(21) Application No.10867/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application: 17/12/2013 (43) Publication Date: 26/12/2014

(54) Title of the invention: HEAT SINK FOR COOLING OF POWER SEMICONDUCTOR MODULES

(51) International :H01L23/473,H01L25/065,H01L23/373 classification

(31) Priority Document :PA 2011 70339

(32) Priority Date :30/06/2011 (33) Name of priority :Denmark

country

(86) International

:PCT/DK2012/050242 Application No :02/07/2012

Filing Date

(87) International :WO 2013/000484 **Publication No**

(61) Patent of Addition to :NA

Application Number :NA Filing Date (62) Divisional to :NA **Application Number** :NA Filing Date

(71)Name of Applicant:

1) VESTAS WIND SYSTEMS A/S

Address of Applicant : Hedeager 44 DK 8200 Aarhus N

Denmark

(72)Name of Inventor:

1)ABEYASEKERA Tusitha

2)ANDERSEN Thomas Lundgren

3)M~LLER Henrik B.

4)STYHM Ove

(57) Abstract:

A heat sink for cooling at least one power semiconductor module, and that includes a basin for containing a cooling o liquid. The basin has a contact rim for receiving the base plate and that includes a surface that is sloped inwards to the basin.

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

(19) INDIA

(22) Date of filing of Application :17/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: CAPSULE FOR PRESSURISED DRINK EXTRACTION

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	:B65D85/804 :10 54653 :11/06/2010 :France :PCT/FR2011/051348 :14/06/2011 :WO 2011/154672	(71)Name of Applicant: 1)FRYDMAN Alain Address of Applicant:67 rue de Courcelles F 75008 Paris France (72)Name of Inventor: 1)FRYDMAN Alain
<u>c</u>		1)FRYDMAN Alain
` '	:WO 2011/154672	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(21) Application No.10868/DELNP/2013 A

(57) Abstract:

The invention relates to a capsule (2002) comprising a side wall (2006) extending along an axis (X-X), an inlet wall (2008) closing a first end of the side wall (2006) and an outlet wall (20010) closing a second end of the side wall (2006), defining a chamber (2014) for receiving a substance for the preparation of a drink. According to one aspect of the invention, the outlet wall (20010) and the inner surface (2028) of the side wall (2006) comprise complementary click-lock reliefs for securing the outlet wall (2010) to the side wall (2006). The invention is suitable for capsules for the extraction of coffee, tea, chocolate, etc.

No. of Pages: 50 No. of Claims: 16

(21) Application No.10869/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :17/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: PRE FILTERING FOR LOUDSPEAKERS PROTECTION

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:H04R3/00 :11305831.7 :29/06/2011 :EPO	(71)Name of Applicant: 1)ST ERICSSON SA Address of Applicant:39 Chemin du Champ des Filles CH 1228 Plan les ouates Switzerland
(86) International Application No Filing Date	:PCT/EP2012/062619 :28/06/2012	(72)Name of Inventor : 1)MARGUERY Philippe
(87) International Publication No	:WO 2013/001028	2)NAGARI Angelo
(61) Patent of Addition to ApplicationNumberFiling Date	:NA :NA	3)SIRITO OLIVIER Philippe
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The present invention relates to a method of protecting an inductive loudspeaker. The method comprises filtering the audio stream by applying a compensation filter to the audio stream sending the filtered audio stream to the inductive loudspeaker computing an estimation of a frequency response of the inductive loudspeaker and updating the compensation filter so as to attenuate a frequency corresponding to a resonant frequency in the estimated frequency response of the inductive loudspeaker.

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

(22) Date of filing of Application :21/11/2013 (43) Publication Date: 26/12/2014

(54) Title of the invention: ISOLATOR DECOUPLER

(51) International classification:F16D7/02,F16D41/20,F16H55/36 (71)Name of Applicant:

(31) Priority Document No :13/115204 (32) Priority Date :25/05/2011

(33) Name of priority country :U.S.A.

(86) International Application :PCT/US2012/038919

No

:22/05/2012 Filing Date

(87) International Publication

:WO 2012/162280 (61) Patent of Addition to

:NA **Application Number** :NA Filing Date

(62) Divisional to Application :NA Number :NA Filing Date

1)THE GATES CORPORATION

Address of Applicant: (a Delaware Corporation) 1551

Wewatta Street Denver CO 80202 U.S.A.

(21) Application No.9993/DELNP/2013 A

(72)Name of Inventor:

1)WARD Peter

2)SERKH Alexander

3)ALI Imtiaz

4)SCHNEIDER Dean

(57) Abstract:

(19) INDIA

An isolating decoupler comprising a shaft (12) a pulley (1) rotationally engaged with the shaft a coil spring (2) engaged between the pulley and a spring carrier (5) the spring carrier moveable relative to the shaft and pulley a one way clutch (8) mounted to the shaft a first torsion spring (30) and a second torsion spring (31) engaged between spring carrier and the one way clutch the first torsion spring and the second torsion spring having 1 a releasable frictional engagement with the one way clutch the first torsion spring and the second torsion spring comprising adjacent parallel strands and having substantially equal diameters the first torsion spring and the second torsion spring each being engagable with the pulley the first torsion spring or the second torsion spring will release its frictional engagement with the one way clutch upon its engagement with the pulley.

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

(21) Application No.9994/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :21/11/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: WEB LIFTER/STABILIZER 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 	:B05C3/132 :61/493046 :03/06/2011 :U.S.A. :PCT/US2012/040667 :04/06/2012 :WO 2012/167224 :NA :NA	(71)Name of Applicant: 1)MEGTEC SYSTEMS INC. Address of Applicant:830 Prosper Road P.O. Box 30 DePere Wisconsin 54115 U.S.A. (72)Name of Inventor: 1)ANDERSON Kim A. 2)MAKI Eric 3)GLENN George
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Web lifter and/or stabilizer and method of lifting and/or stabilizing a travelling web and coating a web. The device creates a web hold down force via a negative pressure slot at its exit side which draws the web down against the surface on the entry side. The device can be actuated to move the web relative to slot die coater off the die lips and stop the application of slurry to the web thereby creating uncoated regions on the web surface. The device can be actuated to move the web back into contact with the coater to start the application of slurry to the web creating coated regions on the web surface. Web lifting can be accomplished by rotating the device in first and second directions to lift the web off of the slot die coater and return the web back into contact with the coater.

No. of Pages: 59 No. of Claims: 14

(22) Date of filing of Application :21/06/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: MULTI-FUNCTIONAL REFRIGERATION 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 	:NA :NA :NA :NA :NA : NA	(71)Name of Applicant: 1)WHIRLPOOL OF INDIA LTD. Address of Applicant: Whirlpool House, Plot No. 40, Sector-44, Gurgaon-122002. Haryana India (72)Name of Inventor: 1)Manjur Thamboli 2)Pranav
ĕ		
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The present application relates to multifunctional refrigeration system and method. More particularly, the present application relates to the refrigeration system comprising a combi-zone, wherein the combi-zone may be utilized as a multifunctional space to perform at least one of pasteurization, thawing and sterilization. The combi-zone may be configured to include a plurality of compartments, wherein one compartment to perform one of pasteurization and heating and the other two perform one of sterilization and thawing. The plurality of compartments of the combi-zone may further be configured to include a plurality of heating source and cooling source. The plurality of heating source may include at least one of infrared rays emitter, and condenser tube, wherein the cooling source may include cold air from freezer zone. The cold air may be circulated via a fan attached to the inner wall of the freezer zone.

No. of Pages: 32 No. of Claims: 20

(21) Application No.1838/DEL/2013 A

(19) INDIA

(22) Date of filing of Application :21/06/2013

(43) Publication Date: 26/12/2014

(54) Title of the invention: COUPLER

 (51) International classification (31) Priority Document No (32) Priority Date (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)MILLER INTERNATIONAL LTD. Address of Applicant: INTERNATIONAL COMMERCIAL CENTRE, CASEMATES SQUARE PO BOX 622 GIBRALTAR; Gibraltar (72)Name of Inventor: 1)MILLER, GARY 2)REAY, HOWARD
(87) International Publication No(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A coupler (10) for securely attaching an accessory to an excavator arm of an excavator. The coupler (10) comprises a first half (16) for connecting to the excavator arm and a second half (18) for connecting to the accessory. The second half comprises a front jaw with a movable front latch associated therewith, the front latch having a latching position and a non-latching position, and being for latching one of two 10 attachment pins of the accessory within the front jaw when it is in its latching position. The second half also has a rear latch, the rear latch having a retracted position and an i advanced position, and being for engaging a second of the attachment pins when it is in its advanced position. The second half also has a trigger member mounted for movement relative to the frame, the trigger member being arranged for movable interaction with 15 both the front latch and the rear latch so as to move, respectively, the front latch between its latching position and its retracted position.

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

(21) Application No.10786/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :13/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: CONTROL OF DIGITAL VOLTAGE AND FREQUENCY SCALING OPERATING POINTS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:13/118621 :31/05/2011 :U.S.A. :PCT/EP2012/058728 :11/05/2012 :WO 2012/163652 :NA	(71)Name of Applicant: 1)ERICSSON MODEMS SA Address of Applicant: Chemin du Champ des Filles 39 CH 1228 Plan les Ouates Switzerland (72)Name of Inventor: 1)SINGVALL Jakob 2)BAUER Harald
(61) Patent of Addition to Application		2)BAUER Haraid
Number Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A clock signal for electronic circuitry is generated by generating based on which one of a plurality of application use cases is presently active a first signal that indicates a first selected one of a plurality of clock signal operating points. Based on the electronic circuitry s present speed requirement a second signal is generated that indicates a second selected one of the clock signal operating points. For any given one of the application use cases the speed requirement need not remain constant for the duration of the application use case. Based on whichever one of the first and second signals is associated with a higher clock frequency operating point a third signal is generated that indicates which clock signal operating point (and possibly what voltage level) should be active. The third signal controls generation of a clock (and possibly also voltage level).

No. of Pages: 38 No. of Claims: 26

(21) Application No.10788/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :13/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention : FILLING DEVICES SYSTEMS AND METHODS FOR TRANSFERRING HAZARDOUS WASTE MATERIAL INTO A SEALABLE CONTAINER

(57) Abstract:

The present invention provides systems methods and devices for storing and/or disposing of hazardous waste material such as calcined material. In certain embodiments the system comprises a filling nozzle having a valve body having a distal end and an outer surface the outer surface proximate the distal end being configured to sealingly and removeably couple to an inner surface of a filling port of the container. In certain embodiments the method comprises (a) coupling an outer surface of a filling nozzle with an inner surface of a filling port of a container to form a first seal (b) adding hazardous waste material into the container (c) decoupling the filling port from the filling nozzle and (d) inserting a fill plug into the filling port the fill plug forming a second seal with the inner surface of the filling port the second seal being distally spaced from at least a portion of the first seal with respect to the container.

No. of Pages: 66 No. of Claims: 44

(22) Date of filing of Application :21/12/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: METHOD FOR AVOIDING OR REDUCING SHUDDERING VIBRATIONS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:12/06/2012 :WO 2013/000449 :NA :NA :NA	(71)Name of Applicant: 1)SCHAEFFLER TECHNOLOGIES AG & CO. KG Address of Applicant: Industriestrae 1 3 91074 Herzogenaurach Germany (72)Name of Inventor: 1)KSTLER Gerald
Filing Date	:NA :NA	

(57) Abstract:

Method for avoiding or reducing shuddering vibrations in a drive train of a motor vehicle which has an automated friction clutch and an automated transmission wherein the friction clutch is activated in such a way that the slip in the friction clutch is reduced with a predefined rate of change of slip if slip is present in the friction clutch at the start or during a creeping process of the vehicle and as long as the slip rotational speed is in a critical resonance range.

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

(19) INDIA

(22) Date of filing of Application :21/12/2013

(21) Application No.11022/DELNP/2013 A

(43) Publication Date: 26/12/2014

(54) Title of the invention: VESSELS

(51) International classification	:B65D21/032	(71)Name of Applicant:
(31) Priority Document No	:13/485027	1)TOKITAE LLC
(32) Priority Date	:31/05/2012	Address of Applicant :11235 SE 6th Street Suite 200 Bellevue
(33) Name of priority country	:U.S.A.	Washington 98004 6481 U.S.A.
(86) International Application No	:PCT/US2013/043139	(72)Name of Inventor:
Filing Date	:29/05/2013	1)FOWLER Lawrence Morgan
(87) International Publication No	:WO 2013/181266	2)GUO Zihong
(61) Patent of Addition to Application	:NA	3)HU Jennifer Ezu
Number	:NA	4)OHRT John A.
Filing Date	.IVA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present disclosure relates to vessels and processes that may be used to fabricate vessels. In some embodiments one or more vessels are provided that include but are not limited to a body portion that includes one or more side walls a top portion that is operably connected to the body portion and that includes a shoulder portion that includes a substantially centrally defined opening and a neck member that circumscribes the opening a bottom portion that is operably connected to the body portion and that includes a substantially centrally defined recessed portion and a substantially continuous non recessed portion one or more sealed handles that are operably connected to the vessel and one or more recessed portions that protrude into the one or more side walls of the body portion.

No. of Pages: 104 No. of Claims: 28

(21) Application No.11023/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :21/12/2013 (43) Publication Date: 26/12/2014

(54) Title of the invention: ONE PIECE PUMP WITH HINGE

(51) International

:B26B21/44,F04B19/04,F04B37/10

classification

(31) Priority Document No :13/168239

(32) Priority Date

:24/06/2011 (33) Name of priority country: U.S.A.

(86) International Application

:PCT/US2012/043123

No

:19/06/2012 Filing Date

(87) International Publication

:WO 2012/177623

No

(61) Patent of Addition to :NA **Application Number** :NA

Filing Date

(62) Divisional to Application :NA Number :NA

Filing Date

(71)Name of Applicant:

1)THE GILLETTE COMPANY

Address of Applicant: World Shaving Headquarters IP/Legal Patent Department 3E One Gillette Park Boston Massachusetts

02127 U.S.A.

(72)Name of Inventor:

1)SZCZEPANOWSKI Andrew Anthony

2)PESIKOV Vitaly

(57) Abstract:

This invention relates to a novel one piece pump or fluid dispensing apparatus having at least one hinge. The hinge allows for a streamlined manufacturing process which provides increased cost effectiveness. In addition the hinge serves to orient or align the pump elements for easy economical assembly of the finished device. The hinge may include one or more hinge elements or linkages.

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

(21) Application No.1725/DEL/2013 A

(19) INDIA

(22) Date of filing of Application :10/06/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: SOLAR POWER CONDITIONING UNIT WITH DYNAMIC DEPTH OF DISCHARGE CONTROL

(51) International classification	·H0217/00	(71)Name of Applicant:
(31) Priority Document No	:NA	1)SU-KAM POWER SYSTEMS LTD
· · · · · · · · · · · · · · · · · · ·		
(32) Priority Date	:NA	Address of Applicant :306, KIRTI DEEP BUILDING, NEW
(33) Name of priority country	:NA	DELHI. Delhi India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)KUNWER SACHDEV
(87) International Publication No	: NA	2)SANJEEV KUMAR SAINI
(61) Patent of Addition to Application Number	:NA	3)PRASHANT SHARMA
Filing Date	:NA	4)HEMANT KUMAR TYAGI
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A solar power conditioning unit with dynamic depth of discharge control. This invention relates to a solar power conditioning unit with dynamic depth of discharge control compri&ng a solar panel with main control to charge battery bank through grid power for supplying power to operate load by sharing mechanism controlled by main controller, which automatically measures the power from solar panel and grid and reduces the charging current from the grid proportionally to the solar panel charging current and in case the panel current reduces the grid charging current is automatically increased for charging battery of battery bank.

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

(21) Application No.2645/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :27/08/2012 (43) Publication Date : 26/12/2014

(54) Title of the invention : A NATURAL TEA FOR PROMOTING STRESS RESISTANCE, COMBATING ANXIETY AND FATIGUE

(51) International classification	:A23L	(71)Name of Applicant:
(31) Priority Document No	:NA	1)AMITY UNIVERSITY
(32) Priority Date	:NA	Address of Applicant :AMITY UNIVERSITY CAMPUS,
(33) Name of priority country	:NA	SECTOR-125, NOIDA, UP, Uttar Pradesh India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)SUMITRA SINGH
(87) International Publication No	:NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention relates to a natural tea composition for relieving stress, anxiety and fatigue comprising green tea, ashwagandha, cardamom, shilajit, vacha, balckberry leaves, cinnamon and white musli or satavari. The composition makes the consumer more alert, relieves tension and in decaffeinated state the composition rejuvenates the body. A regular use of the composition also improves the immune system of the body.

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

CONTINUED TO PART- 2

CONTINUED FROM PART-1

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1229/MUMNP/2013 A

(19) INDIA

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

(43) Publication Date: 26/12/2014

(54) Title of the invention : MODIFIED ANTICOMPLEMENTARY OLIGONUCLEOTIDES WITH ANTICANCER PROPERTIES AND METHOD FOR PRODUCING SAME

(51) International classification :C07H21/00,A61K31/7088,A61P35/00

(31) Priority Document No :NA (32) Priority Date :NA

(33) Name of priority country :NA

(86) International Application No :PCT/RU2010/000691

Filing Date :22/11/2010

(87) International Publication No :WO 2012/070965

(61) Patent of Addition to Application Number :NA

Filing Date
(62) Divisional to
Application Number
Filing Date

NA
:NA

(71)Name of Applicant:

1)FARBER Boris Slavinovich

Address of Applicant: Kutuzovsky pr t 24 130A Moscow

121151 Russia

2)FARBER Sofya Borisovna

3)MARTYNOV Artur Viktorovich

(72)Name of Inventor:

1)FARBER Boris Slavinovich 2)FARBER Sofya Borisovna

3)MARTYNOV Artur Viktorovich

(57) Abstract:

The invention can be used in medicine and veterinary science to create a drug that is effective in the treatment of cancerous diseases in humans and animals. The modified anticomplementary oligonucleotides with anticancer properties and the method for producing same are characterized in that a mixture of polynucleotide hydrolysis products is used as oligonucleotides and modification is carried out by changing the charges of the molecules of the nucleotide bases to an opposite charge so that said bases acquire anticomplementary properties. The polynucleotides are hydrolyzed using natural and synthetic nucleases and acid or alkaline hydrolysis and the structure is modified by acylation of the aminogroups of the mononucleotides in the oligonucleotide structure using dicarboxylic acid anhydrides or by alkylation using halogen carboxylic acids. The claimed mixture has the ability to bind selectively to mRNA and thus stop the synthesis of protein in cancer cells similar to the action of microRNA. Since the drug is able to adapt to an organism it can be used without risk of a tumour becoming habituated to the drug. The agent has a broad spectrum of action low toxicity and is suitable for industrial production as well as being effective at all stages in the cancer process.

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

(22) Date of filing of Application :15/01/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention : DEVELOPMENT OF BUCCOADHESIVE DRUG DELIVERY SYSTEM BY USING MUCOADHESIVE POLYMERS

:A61F13/00,	(71)Name of Applicant:
A61K31/557,	1)Madhuri Arun Channawar
A61K38/00	Address of Applicant :Plot no.12, New Singhaniyanagar,Arni
:NA	road, Yavatmal- 445001. Maharashtra India
:NA	(72)Name of Inventor:
:NA	1)Madhuri Arun Channawar
:NA	2)Mahendra Kshirsagar
:NA	3)Surendra Sadashivrao Narlawar
: NA	
:NA	
:NA	
:NA	
:NA	
	A61K31/557, A61K38/00 :NA :NA :NA :NA :NA :NA :NA :NA

(57) Abstract:

In the present studybuccal mucoadhesive tablets of diltiazem hydrochloride were formulated by using above mentioned polymers .DiltiazemHCl is a calcium channel blocker used in the treatment of hypertension and angina (variant & classical angina). DiltiazemHCl was selected as a model drug for investigation because of its suitable properties like half-life of 4.5 hrs, optimum partition coefficient (158) and molecular weight (450.98), was formulated into buccoadhesive tablets to overcome the limitations in the currently available dosage and routes of administration which in sequence will increase patientTMs compliance. Mucoadhesive buccal tablets of Diltiazem hydrochloride were prepared using natural polymers such as xanthan gum, guar gum, Psyllium husk and pectin. Semisynthetic polymers such as HPMC K4M and synthetic polymers such as carbopol 934P, 940P, 971P, and 974P. These polymers were used as alone and in combination to achieve desired release characteristics and mucoadhesive properties. Following invention is described in detail with the help of Figure 1 of sheet 1 showingEx vivo drug permeation through goat buccal mucosa (mean±SD,n=3), Figure 2 of sheet 1 showing In vitro drug release from optimized formulation DCK9 (mean±SD,n=3).

No. of Pages: 27 No. of Claims: 4

(21) Application No.146/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :16/01/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention : HERBAL COMPOSITIONS FOR THE PROMOTING OR ENHANCING SEED GERMINATION, GROWTH AND DISEASE RESISTANCE IN PLANTS

(51) International classification	:A01P21/00, A01N3/00, A01N43/08	(71)Name of Applicant: 1)PATEL, Hargovandas Joitaram Address of Applicant: VILLAGE: HIRPURA, VIJAPUR
(31) Priority Document No	:NA	TALUK, MEHSANA DISTRICT 382 870, GUJARAT, INDIA
(32) Priority Date	:NA	(72)Name of Inventor:
(33) Name of priority country	:NA	1)PATEL, Hargovandas Joitaram
(86) International Application No	:NA	
Filing Date	:NA	
(87) 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 herbal composition for promoting or enhancing seed germination, growth and disease resistance in plants, comprising at least a part of Euphorbia nivulia, to which parts of one or more additional complimentary herb may be optionally added. The invention also provides for methods of preparation of the herbal compositions.

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

(22) Date of filing of Application :11/01/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: EVALUATING PERFORMANCE MATURITY LEVEL OF AN APPLICATION

(51) I	G0(010/00	(71)
(51) International classification	:G06Q10/00	(71)Name of Applicant:
(31) Priority Document No	:NA	1)TATA CONSULTANCY SERVICES LIMITED
(32) Priority Date	:NA	Address of Applicant :Nirmal Building, 9th Floor, Nariman
(33) Name of priority country	:NA	Point, Mumbai, 400021 Maharashtra India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)VAIDYAN, Dr. Koshy P Vaidyan Koshy
(87) International Publication No	: NA	2)THANAWALA, Mr. Rajiv
(61) Patent of Addition to Application Number	:NA	3)BALAKRISHNAN, Mr. Sreejith
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Systems and methods for evaluating a performance maturity level of a software application are described herein. In an implementation, the method includes obtaining at least one assessment parameter (30) and at least one sub-parameter of the at least one assessment parameter, based on at least one of a key performance area (20) and a key competency area. Further, a weightage is assigned to the at least one sub-parameter, the weightage being based on significance of the at least one sub-parameter to the assessment parameter (30). In addition, a performance questionnaire is configured, based on the at least one assessment parameter (30) and the at least one sub-parameter. Subsequently, a maturity score is determined for the software application, in response to inputs to the performance questionnaire, the maturity score being indicative of the performance maturity level of the software application.

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

(21) Application No.147/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :16/01/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention : HERBAL COMPOSITIONS FOR THE PROMOTING OR ENHANCING SEED GERMINATION, GROWTH AND DISEASE RESISTANCE IN PLANTS

	:A01P21/00,	(71)Name of Applicant :
(51) International classification	A01N3/00,	1)SOLANKI, Bhikhaji Kaluji
	A01N43/09	Address of Applicant :NEAR AMBEDKARNAGAR,
(31) Priority Document No	:NA	VADGAM VILLAGE, TALUK: VADGAM, DISTRICT:
(32) Priority Date	:NA	BANASKANTHA, 385410 GUJARAT, INDIA
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)SOLANKI, Bhikhaji Kaluji
Filing Date	:NA	
(87) 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 herbal composition for promoting or enhancing seed germination, growth and disease resistance in plants, comprising at least a part of Clerodendrum phlomidis, to which parts of one or more additional complimentary herb may be optionally added. The invention also provides for methods of preparation of the herbal compositions.

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

(21) Application No.179/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :19/01/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: GLOBALLY OPTIMUM TRADING POSITIONS FOR PATH-DEPENDENT OPTIONS

(51) International classification(31) Priority Document No(32) Priority Date	:G06Q 30/00 :NA :NA	(71)Name of Applicant: 1)TATA CONSULTANCY SERVICES LIMITED Address of Applicant: Nirmal Building, 9th Floor, Nariman Point, Mumbai, 400021 Maharashtra India
(33) Name of priority country (86) International Application No	:NA :NA	(72)Name of Inventor: 1)CHELLABOINA, Dr. Vijaysekhar
Filing Date (87) International Publication No	:NA : NA	2)SUBRAMANIAN, Dr. Easwara Naga 3)SHIKHA, Deep
(61) Patent of Addition to Application Number	:NA	4)BHAT, Sanjay Purushottam
Filing Date (62) Divisional to Application Number	:NA :NA	
Filing Date	:NA	

(57) Abstract:

A trading position evaluation system (102) for evaluating trading positions that are globally optimum for a path-dependent European Contingent Claims (ECC) includes an option price determination module (216) configured to determine a current option price and a shifted option price of the path-dependent ECC based on ECC data (110) and market data (114). The current option price and the shifted option price are determined at a trading time instance, selected from amongst a plurality of trading time instances obtained from a trader, based on at least one discrete-monitoring time instance occurring before the trading time instance. Based on the current option price and the shifted option price, a position evaluation module (116) evaluates a trading position in an underlying asset of the path-dependent ECC at the trading time instance that minimizes global variance of profit and loss to the trader.

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

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

(43) Publication Date: 26/12/2014

(54) Title of the invention: HYDROPROCESSING CATALYST COMPOSITION AND PROCESS THEREOF

	·B01123/88	(71)Name of Applicant:
(51) International classification	B01J37/00,	1)Indian Oil Corporation Limited
(31) international classification	B01J23/85,	Address of Applicant :G-9 Ali Yavar Jung Marg Bandra
	B01J27	(East) Mumbai-400 051 Maharashtra India
(31) Priority Document No	:NA	(72)Name of Inventor:
(32) Priority Date	:NA	1)KUVETTU Mohan Prabhu
(33) Name of priority country	:NA	2)RAMASUBRAMANIAN Kanthasamy
(86) International Application No	:NA	3)PULIKOTTIL Alex Cheru
Filing Date	:NA	4)XAVIER Kochappilly Ouseph
(87) International Publication No	: NA	5)KARTHIKEYAN Mani
(61) Patent of Addition to Application Number	:NA	6)CHAUDHURY Vinay Kumar
Filing Date	:NA	7)KUMAR Brijesh
(62) Divisional to Application Number	:NA	8)RAJAGOPAL Santanam
Filing Date	:NA	9)MALHOTRA Ravinder Kumar

(57) Abstract:

The present invention relates to a catalyst precursor composition comprising a first component having active sites, said first component being at least one of the surface modified clay and/or pore modified zeolite; and a second component being metal species comprising of at least one metal selected from Group VI B and at least one metal selected from VIII B and the second component is in intimate contact with the active sites of the first component. The present invention also provides a process for preparing the catalyst precursor composition. The present invention also relates to a catalyst composition and process of preparation thereof by using the catalyst precursor. More particularly, the present invention provides a catalyst composition suitable for converting hydrocarbon feeds to diesel range product.

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

(21) Application No.139/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :15/01/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: AUTOMATED CLASSIFICATION OF BUSINESS RULES FROM TEXT

(51) International classification (31) Priority Document No	10/00 :NA	(71)Name of Applicant: 1)TATA CONSULTANCY SERVICES LIMITED Address of Applicant: Nirmal Building, 9th Floor, Nariman
(32) Priority Date	:NA	Point, Mumbai, 400021 Maharashtra India
(33) Name of priority country	:NA	(72)Name of Inventor:
(86) International Application No	:NA	1)GHAISAS, Smita
Filing Date	:NA	2)MOTWANI, Manish
(87) International Publication No	: NA	3)ANISH, Preethu Rose
(61) Patent of Addition to Application Number	:NA	4)SHARMA, Shashi Kant
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present subject matter relates to an automated classification of business rules. In one embodiment, a method for automated classification of the business rules comprises identifying a business rule from a text document, wherein the business rule comprises one or more rule intents. Further, the method comprises comparing the one or more rule intents in the business rule with rule intents associated with a plurality of rule types in a rule repository. Furthermore, the method comprises classifying the business rule under at least one of the rule types based on the comparison.

No. of Pages: 29 No. of Claims: 16

(22) Date of filing of Application :21/01/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: DRAINAGE FOR SOFT THIN SILT LAYER IN SILT YARD AND HYDRAULIC FILLING YARD

		(71)Name of Applicant:
		1)Tianjin Research Institute for Water Transport
(51) International classification	:E03B 9/14	Engineering, M.O.T
(31) Priority Document No	:CN201210044052.X	Address of Applicant :2618#, Xingang road No.2, Tanggu,
(32) Priority Date	:24/02/2012	Binhai New Area, Tianjin, China
(33) Name of priority country	:China	2)Tianjin Survey and Design Institute for Water Transport
(86) International Application No	:NA	Engineering
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)ZHANG, Yuting
(61) Patent of Addition to Application	:NA	2)DONG, Haijun
Number		3)PEI, Wenbin
Filing Date	:NA	4)ZUO, Dianjun
(62) Divisional to Application Number	:NA	5)LIU, Xiaoqiang
Filing Date	:NA	6)JI, Wendong
		7)LI, Zhiming
		8)MA, Xilei

(57) Abstract:

A drainage for soft thin silt layer in the silt yard and the hydraulic filling yard, including a draining body pressed in the silt which is cylindrical, and a frame, wherein a plastic blind drain is inserted in the cylindrical part of the frame, a teeth sleeve is permanently connected to one end of the cylindrical part of the frame and a filtering cloth is wrapped around the rest of the frame, and the filtering cloth is permanently connected to the teeth sleeve; each end of the frame is provided with a sealing end plate, wherein the draining body is rotatably connected to the two hard vacuum tubes at its two ends via the sealing end plates at its two ends; the air inlet of the hard vacuum tube is in the hollow construction of the draining body while the vent is connected to the external vacuum evacuating device; the teeth sleeve is connected to the external motor via a drive belt; the part of the draining body wrapped with the filtering cloth is provided with a brush. The present invention can ensure high efficiency of the draining body, light weight, simple structure, convenient operation, high efficiency and good reliability.

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

(22) Date of filing of Application :29/01/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: INTEGRATING FUEL SUPPLY UNIT MOUNT RING TO FUEL TANK BODY

(51) International electification	:F02M	(71)Name of Applicant:
(51) International classification	37/10	1)TATA MOTORS LIMITED
(31) Priority Document No	:NA	Address of Applicant :Bombay House, 24 Homi Mody Street,
(32) Priority Date	:NA	Hutatma Chowk, Mumbai 400 001, Maharashtra India
(33) Name of priority country	:NA	(72)Name of Inventor:
(86) International Application No	:NA	1)MAHESH SHINDE
Filing Date	:NA	2)MRUNAL HATWALNE
(87) International Publication No	: NA	3)MANASI MONE
(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 joining thermoplastic materials comprising acts of: forming a $^{\sim}V^{TM}$ shaped annular ring on a mating surface of a mounting flange wherein, the $^{\sim}V^{TM}$ shaped annular ring provided on the mounting flange forms a first mating part; placing a second mating part of predetermined shape below the first mating part; heating the first mating part and the second mating part for a predetermined time period forming a crest at the $^{\sim}V^{TM}$ profile of the mounting flange and a trough on the second mating part; pressing for a predetermined time period the first mating part and the second mating part after aligning the $^{\sim}V^{TM}$ profile with the trough to form a joint.

No. of Pages: 18 No. of Claims: 11

(22) Date of filing of Application :07/01/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: PROCESS FOR PREPARATION OF (2-BROMO-4,5-DIMETHOXYPHENYL)-METHYL BROMIDE

(51) International classification	:C07D223/16	(71)Name of Applicant :
(31) Priority Document No	:NA	1)VIHITA CHEM PVT. LTD.
(32) Priority Date	:NA	Address of Applicant :305, GIDC, ANKLESHWAR, 393002,
(33) Name of priority country	:NA	GUJARAT, INDIA
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)BIPINCHANDRA PUNJALAL SHAH
(87) International Publication No	: NA	2)JASHVANTBHAI GANGARAMBHAI PATEL
(61) Patent of Addition to Application Number	:NA	3)MUKESH RANCHHODBHAI PATEL
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The invention relates to novel process for the preparation of (2-bromo-4,5-dimethoxyphenyl) methyl bromide of formula (I), which is a key intermediate for the preparation of pinaverium bromide.

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

(22) Date of filing of Application :23/01/2014 (43) Publication Date : 26/12/2014

(54) Title of the invention: ENGINEERED COMESTIBLE MEAT

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:61/511948 :26/07/2011 :U.S.A.	(71)Name of Applicant: 1)THE CURATORS OF THE UNIVERSITY OF MISSOURI Address of Applicant: 316 University Hall Columbia MO 65211 U.S.A. (72)Name of Inventor: 1)FORGACS Gabor 2)MARGA Francoise 3)JAKAB Karoly Robert
Number Filing Date (62) Divisional to Application Number	:NA :NA	
Filing Date	:NA	

(57) Abstract:

Provided are engineered meat products formed as a plurality of at least partially fused layers wherein each layer comprises at least partially fused multicellular bodies comprising non human myocytes and wherein the engineered meat is comestible. Also provided are multicellular bodies comprising a plurality of non human myocytes that are adhered and/or cohered to one another; wherein the multicellular bodies are arranged adjacently on a nutrient permeable support substrate and maintained in culture to allow the multicellular bodies to at least partially fuse to form a substantially planar layer for use in formation of engineered meat. Further described herein are methods of forming engineered meat utilizing said layers.

No. of Pages: 51 No. of Claims: 30

(21) Application No.291/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :31/01/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: DATA SYNCHRONIZATION

 (51) 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)TATA CONSULTANCY SERVICES LIMITED Address of Applicant: Nirmal Building, 9th Floor, Nariman Point, Mumbai, 400021 Maharashtra India (72)Name of Inventor: 1)SEN, Mrinmoy
 (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:

A data synchronization system (102) for data synchronization includes an identification module (112) configured to compare a plurality of columns of an updated schema of a database (108) to identify related columns, based at least on an exact matching technique and a pattern matching technique. The related columns are indicative of columns having at least one common term in column names. Based on the column names, an analysis module (212) is configured to categorize the related columns into one or more groups. The analysis module (212) is further configured to determine a plurality of sub-groups for each of the one or more groups. Further, the analysis module (212) is configured to generate a database report based on the determination of the plurality of sub-groups for each of the one or more groups, for synchronizing data in the database (108).

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

(22) Date of filing of Application :04/01/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: A PREFILLED SYRINGE CONTAINING CHLOROQUINE

(31) Priority Document No (32) Priority Date (33) Name of priority country (34) Priority Date (35) Name of priority country (36) International Application No (37) Filing Date (38) International Publication No (39) International Publication No (30) Name of priority country (31) Priority Document No (32) Priority Document No (33) Name of Applicant :F 22, Akash Tower, Opp: P nagar, judges Bunglow Road, Satellite, Ahmedabad G (37) Name of Inventor: (38) International Application No (39) Name of priority country (31) Priority Date (31) Priority Date (31) Priority Date (32) Priority Date (33) Name of priority country (34) Name of Inventor: (35) Name of Inventor: (36) International Application No (37) Name of Inventor: (37) Name of Inventor: (38) Name of Application No (39) Name of Papplicant :F 22, Akash Tower, Opp: P nagar, judges Bunglow Road, Satellite, Ahmedabad G (39) Name of Inventor: (30) Name of Inventor: (31) Page of Applicant :F 22, Akash Tower, Opp: P nagar, judges Bunglow Road, Satellite, Ahmedabad G (39) Name of Inventor: (39) Name of Inventor: (30) Name of Inventor: (31) Name of Inventor: (31) Name of Inventor: (32) Name of Inventor: (33) Name of Inventor: (34) Name of Inventor: (35) Name of Inventor: (36) Name of Inventor: (37) Name of Inventor: (37) Name of Inventor: (38) Name of Inventor: (39) Name of Inventor: (39) Name of Inventor: (30) Name of Inventor: (30) Name of Inventor: (31) Name of Inventor: (31) Name of Inventor: (32) Name of Inventor: (33) Name of Inventor: (34) Name of Inventor: (35) Name of Inventor: (36) Name of Inventor: (37) Name of Inventor: (38) Name of Inventor: (39) Name of Inventor: (39) Name of Inventor: (30) Name of Inventor: (30) Name of Inventor: (31) Name of Inventor: (31) Name of Inventor: (32) Name of Inventor: (33) Name of Inventor: (34) Name of Inventor: (35) Name of Inventor: (36) Name of Inventor: (37) Name of Inventor: (38) Name of Inventor: (38) Name of Inventor: (39) Name of Inventor: (39) Name of Inventor: (30) Name of Inventor: (30) Name of Inventor: (31) Name of	
Filing Date :NA	
(62) Divisional to Application Number :NA	
Filing Date :NA	

(57) Abstract:

The present invention provides a prefilled syringe containing chloroquine which has no risk of contamination as present syringe does not require the said drug to be filled from vials for chloroquine; being prefilled. Therefore, it is possible to avoid contamination. This also preserves the drugTMs efficiency. Hence the drug can be aseptically delivered. Also, the parts of the said syringe are stronger than existing products and so there is no risk of breakage making it easy to handle.

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

(22) Date of filing of Application: 11/02/2013

(43) Publication Date: 26/12/2014

(21) Application No.393/MUM/2013 A

(54) Title of the invention: MODEL OF POWER GENERATOR

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (20) International Application No. 	1/00 :NA :NA :NA	(71)Name of Applicant: 1)VINAYAK SHANKAR BANDBE Address of Applicant: AT POST JAKI MIRYA, VARCHIWADI, TAL. & DISTRATNAGIRI, Maharashtra India (72)Name of Inventor:
(86) International Application No Filing Date	:NA :NA	(72)Name of Inventor : 1)VINAYAK SHANKAR BANDBE
(87) 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:

(19) INDIA

In order to overcome the drawbacks of the conventional fuels it is the need of time to completely or partially generate electricity with natural resources in and around our surroundings where we live. But complete replacement is not possible, but to enhance energy production we need to innovative which can partially help generate electricity using little electrical energy (Using small Motor) used for implementing the project. We are using available electrical energy / fuel to rotate the alternator connected to it and produce electricity. Production cost is very less (electricity cost /fuel + maintenance cost) it is also safe to use. Another advantage is that it can be run by less modification at the available infrastructure / Facilities at site. Key Words: Electrical Power Supply Energy / fuel, Electricity, Alternator.

No. of Pages: 14 No. of Claims: 1

(22) Date of filing of Application :16/01/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: A SYSTEM AND METHOD FOR SMART PUBLIC ALERTS AND NOTIFICATIONS

	·H04M1/64	(71)Name of Applicant:
(51) International classification	H04M3/53,	1)Tata Consultancy Services Limited
	H04M3/42	Address of Applicant :Nirmal Building, 9th Floor, Nariman
(31) Priority Document No	:NA	Point, Mumbai 400021, Maharashtra India
(32) Priority Date	:NA	(72)Name of Inventor:
(33) Name of priority country	:NA	1)BANERJEE, Snehasis
(86) International Application No	:NA	2)MUKHERJEE, Debnath
Filing Date	:NA	3)MISRA, Prateep
(87) International Publication No	: NA	•
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Disclosed is a method and system for dynamically generating a customized, personalized and contextual alert for a user based upon personalized, contextual and background knowledge associated with the profile of the user. The system comprises a profile updater module configured to update the profile data of the user extracted either from the social web or from the user. Further, a reasoning module is configured to derive refined background knowledge in context with the updated profile data of the user. A monitoring module is configured to monitor the events sensed by a sensing module. A context extractor module is configured for extracting the context of the events and the context of the user. A knowledge converter module is configured to convert the extracted context into structured format. Finally, the refined background knowledge is steam reasoned to determine whether the events received are relevant to the user and accordingly transmitted.

No. of Pages: 38 No. of Claims: 25

(22) Date of filing of Application :29/01/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: A SYSTEM AND METHOD FOR GENERATION OF POWER USING HYDROGEN GAS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:H02N 2/18 :NA :NA :NA :NA	(71)Name of Applicant: 1)MOHBIYA, Deepak Moharsing Address of Applicant: DREAM PRESIDENCY B-12, NEAR PESCHOOL, JAIL ROAD, NASHIK ROAD, NASHIK 422101 Maharashtra India 2)PORJE, Girish Bhaskar
Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date	:NA : NA :NA :NA :NA :NA	3)SHAIKH, Alfaraz Akbar (72)Name of Inventor: 1)MOHBIYA, Deepak Moharsing 2)PORJE, Girish Bhaskar 3)SHAIKH, Alfaraz Akbar

(57) Abstract:

The present invention in a preferred embodiment provides system and methods for power generation using hydrogen gas, wherein the system comprises, a)a reaction unit; b)a steam generation unit; and c)a power unit; wherein said reaction unit further comprises i.a reactor unit; and ii.a purification unit; wherein said steam generation unit further comprises i.a gas furnace; and ii.a boiler; wherein said power unit further comprises i.a turbine; and ii.an alternator.

No. of Pages: 20 No. of Claims: 9

(22) Date of filing of Application :13/02/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention : METHOD AND DEVICE FOR INSTALLING PRESTRESSING ELEMENTS IN PREFABRICATED CONCRETE STRUCTURES

(51) International classification	:E04C5/12, E04C5/06, E04C5/01	(71)Name of Applicant: 1)LUNAVIA, Bipinkumar Nathalal Address of Applicant: A-1004, Gundecha Symphony, Extn.
(31) Priority Document No	:NA	Veera Desai Road, Andheri (W) Mumbai 400053 Maharashtra
(32) Priority Date	:NA	India
(33) Name of priority country	:NA	2)MEHRA, Yogesh Jogindernath
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)LUNAVIA, Bipinkumar Nathalal
(87) International Publication No	: NA	2)MEHRA, Yogesh Jogindernath
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A device (100) for assembling prefabricated segments of a concrete structure is described. The device (100) comprises a holder (102) having a recess (104) for receiving a pulling rope for pulling the device (100) during assembly of the prefabricated segments, and a sleeve (110) sliding over the holder (102) and at least partially encompassing the holder (102) and a first wedge member (108) inside the holder (102). Further, the device (100) comprises a cylindrical member (112) press-fitted into the sleeve (110) from a front end thereof, the cylindrical member (112) being adapted to receive a second wedge member (114) therein, wherein the first wedge member (108) and the second wedge member (114) are adapted to grip pre-stress members therein for assembling the prefabricated segments.

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

(21) Application No.439/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application: 13/03/2014 (43) Publication Date: 26/12/2014

(54) Title of the invention: NON SQUARE TRANSFORM UNITS AND PREDICTION UNITS IN VIDEO CODING

(51) International classification :H04N7/26,H04N7/34,H04N7/50 (71)Name of Applicant:

:11/09/2012

(31) Priority Document No :61/533703 (32) Priority Date :12/09/2011 (33) Name of priority country :U.S.A.

(86) International Application :PCT/US2012/054654

No Filing Date

(87) International Publication No:WO 2013/039908

(61) Patent of Addition to :NA Application Number :NA Filing Date (62) Divisional to Application

:NA Number :NA

Filing Date

1)QUALCOMM Incorporated

Address of Applicant :ATTN: International IP Administration 5775 Morehouse Drive San Diego CA 92121 1714 U.S.A.

(72)Name of Inventor:

1)WANG Xianglin

2)KARCZEWICZ Marta

3)GUO Liwei

(57) Abstract:

This disclosure proposes techniques for transform partitioning in an intra prediction video coding process. In one example for a given intra predicted block a reduced number of transform unit partition options is allowed based on certain conditions. In another example transform units are decoupled from prediction units for intra predicted block. For a given prediction unit transforms of different sizes and shapes from the prediction unit may be applied. In another example a reduced number of intra prediction modes are allowed for a prediction unit having a non square shape.

No. of Pages: 60 No. of Claims: 52

(19) INDIA

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

(21) Application No.1924/MUMNP/2013 A

(43) Publication Date: 26/12/2014

(54) Title of the invention: FORMULAS COMPRISING CALCIUM, MAGNESIUM, ZINC, AND VITAMIN D3 FOR THE PREVENTION AND AMELIORATION OF OSTEOPOROSIS

(51) International classification :A61K 33/06 (31) Priority Document No :61/023.997 (32) Priority Date :28/01/2008 (33) Name of priority country :U.S.A. (86) International Application No :PCT/IB2009/005042 KONG, SAR CHINA. Filing Date :28/01/2009

(87) International Publication No :WO2009/095798

(61) Patent of Addition to Application :NA Number :NA Filing Date

(62) Divisional to Application Number :1767/MUMNP/2010 Filed on :19/08/2010

(71)Name of Applicant:

1)BEAUTY PEARL GROUP LIMITED

Address of Applicant :SHOP 3, G/F, TAK CHEONG COURT 19 TAK CHEONG LANE YAU MA TEI, KOWLOON HONG

(72)Name of Inventor: 1)TAM, YUN KAU

2)LIN, GE

(57) Abstract:

A composition for preventing and treating osteoporosis is provided The composition comprises the acetate salts of calcium, magnesium and zinc as well as vitamin D3 The acetate salts could be extracted from natural sources such as pearls, corals, and oysters or compounded by using synthetic materials The weight ratio of calcium to magnesium is 0.5: 1 to 4: 1.

No. of Pages: 81 No. of Claims: 9

(21) Application No.42/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :10/01/2014 (43) Publication Date : 26/12/2014

(54) Title of the invention: BACTERIALLY FORMED MICROCIN S A NEW ANTIMICROBIAL PEPTIDE EFFECTIVE AGAINST PATHOGENIC MICROORGANISMS E.G. ENTEROHEMORRHAGIC ESCHERICHIA COLI (EHEC)

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:13/08/2012 :WO 2013/024066 :NA :NA :NA	(71)Name of Applicant: 1)SYMBIOGRUPPE GMBH & CO. KG Address of Applicant: Auf den Lueppen 8 35745 Herborn GERMANY. (72)Name of Inventor: 1)GUNZER Florian 2)ZSCHUETTIG Anke 3)ZIMMERMANN Kurt
Filing Date	:NA	

(57) Abstract:

The present invention relates to a new isolated polypeptide nominated microcin S isolated nucleic acid molecules encoding the microcin S polypeptide and primers and probes hybridizing to the nucleic acid molecules. The invention also relates to plasmids and cells comprising the nucleic acid molecules an antibody binding to the polypeptide compositions as well as methods for producing and using the polypeptides. The present invention further relates to medical uses for treating or preventing microbial infections functional gastrointestinal disorders or treating a tumor. The invention further relates to a method for preserving food and a method for coating dressing material.

No. of Pages: 48 No. of Claims: 17

(21) Application No.420/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :08/03/2014 (43) Publication Date: 26/12/2014

(54) Title of the invention: GAS SHIELDING DEVICE FOR A WELDING SYSTEM

(51) International :B23K9/167,B23K9/173,B23K9/32 classification

(31) Priority Document No :13/233942 (32) Priority Date :15/09/2011

(33) Name of priority country: U.S.A.

(86) International Application :PCT/IB2012/001785

:13/09/2012 Filing Date

(87) International Publication :WO 2013/038258

(61) Patent of Addition to **Application Number** :NA

(62) Divisional to Application :NA Number :NA

Filing Date

Filing Date

(71)Name of Applicant: 1)LINCOLN GLOBAL INC.

Address of Applicant: 17721 Railroad St. City of Industry CA

91748 U.S.A.

(72)Name of Inventor:

1)AGOSTI Christopher David 2)NADZAM Jeffrey Thomas 3)WHAN Michael Lee

4)LIPNEVICIUS Geoffrey Michael

(57) Abstract:

A welding system (100) moves in a direction of travel (WD) the welding system includes at least one torch (322 324) directed toward a first location. The at least one torch each contains an electrode (322A 324A) used to facilitate a weld wherein a primary zone (172) surrounds the electrodes in the first location. A secondary zone (174) is located behind the primary zone with respect to the direction of travel wherein a second gas line delivers shielding gas toward the secondary zone.

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

(21) Application No.46/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :10/01/2014 (43) Publication Date : 26/12/2014

(54) Title of the invention: METHOD AND APPARATUS FOR ENCODING MOTION INFORMATION AND METHOD AND APPARATUS FOR DECODING 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 	:H04N7/32 :61/501300 :27/06/2011 :U.S.A. :PCT/KR2012/005091 :27/06/2012 :WO 2013/002557 :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)LEE Tammy
Number Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Disclosed are methods and apparatuses for encoding and decoding motion information. The method for encoding motion information according to the present invention comprises: determining the usability of motion information of spatial prediction units related spatially to a current prediction unit and of temporal prediction units related temporally thereto; in the case in which the usable spatial prediction units and temporal prediction units are less in number than the previously defined predetermined number generating additional candidate motion information so that the overall number of candidate motion information units reaches the predetermined number by using the motion information of the usable spatial prediction units and temporal prediction units; and encoding the motion information of the current prediction unit using the predetermined number of candidate motion information units.

No. of Pages: 80 No. of Claims: 15

(21) Application No.41/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :10/01/2014 (43) Publication Date : 26/12/2014

(54) Title of the invention: MOBILE TERMINAL AND NETWORK SELECTION 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 	:H04B 7/04 :NA :NA :NA :PCT/CN2012/088064 :31/12/2012 :WO 2014/101194 :NA :NA :NA	(71)Name of Applicant: 1)SPREADTRUM COMMUNICATIONS(SHANGHAI) CO. LTD. Address of Applicant: Spreadtrum Center Building No.1 Lane2288 Zuchongzhi Road Zhangjiang Shanghai 201203 China (72)Name of Inventor: 1)JIN Yi 2)CHEN Xianliang
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(57) Abstract:

A mobile terminal and a network selection method thereof. The network selection method of the mobile terminal comprises: selecting from a public land mobile network (PLMN) list of the mobile terminal a PLMN and a corresponding radio access technology type and then performing a network selection step wherein the network selection step comprises: when the radio access technology type corresponding to the selected PLMN is a radio access technology type supported by the mobile terminal looking up in a network selection comparison table; and when the selected PLMN and the corresponding radio access technology type exist in the network selection comparison table performing network selection in a duplex manner corresponding to the selected PLMN and the corresponding radio access technology type in the network selection comparison table. The technical solution of the present invention can solve the problem of rapid network selection by a multi mode mobile terminal that supports multiple duplex manners which improves the efficiency and accuracy of network selection by the mobile terminal and reduces the power consumption of network selection by the mobile terminal.

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

(22) Date of filing of Application :21/03/2014 (43) Publication Date: 26/12/2014

(54) Title of the invention: MULTILAYER STRUCTURE OFFERING IMPROVED IMPERMEABILITY TO GASES

(51) International classification: C23C18/14,B32B7/02,C23C18/12 (71) Name of Applicant:

:24/09/2012

:WO 2013/045393

(31) Priority Document No :11 58570 (32) Priority Date :26/09/2011

(33) Name of priority country :France

(86) International Application :PCT/EP2012/068766

Filing Date

(87) International Publication

(61) Patent of Addition to :NA **Application Number** :NA

Filing Date (62) Divisional to Application :NA Number :NA

Filing Date (57) Abstract:

1)COMMISSARIAT L%NERGIE ATOMIQUE ET AUX **%NERGIES ALTERNATIVES**

Address of Applicant :25 rue Leblanc B¢timent Le Ponant D F

75015 Paris France (72)Name of Inventor: 1)CROS Stphane

2)ALBEROLA Nicole 3)GARANDET Jean Paul 4)MORLIER Arnaud

The present application describes a multilayer structure and also the process for obtaining same. The multilayer structure comprises a substrate (2) and a first stack of a layer (A) of SiO and a layer (B) made of material of SiONH type positioned between the substrate (2) and the layer (A) of SiO in which the layer (A) of SiO and the layer (B) made of material of SiONH type have thicknesses (e e) such that the thickness of the layer (A) of SiO is less than or equal to 60 nm the thickness of the layer (B) made of material of SiONH type (e) is more than two times the thickness (e) of the layer (A) of SiO and the sum of the thicknesses of the layer (A) of SiO and of the layer (B) made of material of SiONyH type is between 100 nm and 500 nm and in which z is strictly positive and is strictly less than the ratio (x+y)/5 advantageously z is strictly less than the ratio (x+y)/10. The process comprises the conversion of a liquid inorganic precursor of perhydropolysilazane type by irradiation by VUV rays at a wavelength less than or equal to 220 nm and ultraviolet radiation at a wavelength greater than or equal to 220 nm.

No. of Pages: 29 No. of Claims: 17

(22) Date of filing of Application :21/03/2014 (43) Publication Date: 26/12/2014

(54) Title of the invention: GRAIN ORIENTED ELECTRICAL STEEL SHEET AND MANUFACTURING METHOD THEREOF

(51) International classification :C21D8/12,B21B3/02,C22C38/00 (71)Name of Applicant:

(31) Priority Document No :20112-12376 (32) Priority Date :28/09/2011 (33) Name of priority country :Japan

(86) International Application

:PCT/JP2012/006244 No

:28/09/2012 Filing Date

(87) International Publication :WO 2013/046716

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to Application :NA Number :NA

Filing Date

1)JFE STEEL CORPORATION

Address of Applicant: 2 3 Uchisaiwai cho 2 chome Chiyoda

ku Tokyo 1000011 Japan (72)Name of Inventor: 1)TAKAJO Shigehiro

2)YAMAGUCHI Hiroi 3)OMURA Takeshi 4)INOUE Hirotaka 5)OKABE Seiji

(57) Abstract:

The present invention can make a grain oriented electrical steel sheet with a coating on the surface thereof and a thickness of t mm into a grain oriented electrical steel sheet wherein no rust appears for at least 48 hours in an atmosphere with a temperature of 50°C and a humidity of 98% and the iron loss (W) after irradiation by an electron beam is less than or equal to (5t-2t+1.065) W/kg and at least (-500t+200t-6.5)% less than the iron loss (W) before irradiation by the electron beam said grain oriented electrical steel sheet thus being suitable for uses such as the core of a transformer exhibiting low iron loss and exhibiting no degradation in corrosion resistance.

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

(21) Application No.418/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :08/03/2014

(43) Publication Date: 26/12/2014

(54) Title of the invention: CONTAINER FOR ELONGATED ARTICLES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application 	:B65D25/10,B65D85/26 :13/230896 :13/09/2011 :U.S.A. :PCT/IB2012/001764 :12/09/2012 :WO 2013/038254 :NA	(71)Name of Applicant: 1)LINCOLN GLOBAL INC. Address of Applicant: 17721 Railroad Street City of Industry CA 91748 U.S.A. (72)Name of Inventor: 1)WEISSBROD Paul A.
(61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number	:NA :NA	
Filing Date	:NA	

(57) Abstract:

A container (100) is provided for holding a predetermined mass of associated elongated cylindrical articles within a cavity (110). The container includes a bottom wall (120) having a perimeter a pair of spaced apart side walls (122) extending upwardly from perimeter of the bottom wall and a pair of spaced apart end walls (124) extending upwardly from the perimeter of the bottom wall between the sidewalls. The container also includes at least one first step (130) extending a height upward from the bottom wall (120) and having a variable length and at least one second step (132) extending a height upward from the bottom wall and having an approximately fixed length less than the width of the container between the sidewalls.

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

(21) Application No.419/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :12/02/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: READY TO USE COMPOSITIONS FOR B-BLOCKERS

(51) International classification(31) Priority Document No(32) Priority Date	:C05D 1/00 :NA :NA	(71)Name of Applicant: 1)IDEAL CURES PVT. LTD. Address of Applicant :A-223-229, 2ND FLOOR, VIRWANI INDUSTRIAL ESTATE, OFF. WESTERN EXPRESS
(33) Name of priority country	:NA	HIGHWAY, GOREGAON (EAST), MUMBAI - 400 063
(86) International Application No Filing Date	:NA :NA	Maharashtra India (72)Name of Inventor :
(87) International Publication No	: NA	1)MR. SURESH PAREEK
(61) Patent of Addition to Application Number Filing Date	:NA :NA	2)DR. ASHOK OMRAY 3)MR. VIJAY SHARMA
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Provided are dry ready to use modified release dosage formulation composition comprising a coalesced matrix of cellulosic polymers components having plurality of layers thereby providing controlled release rate of Non-steroidal anti-inflammatory drugs (NSAIDs) from the formulation/tablet. Dry composition are applicable to drug, veterinary and agricultural formulation, it could be applied to the retarded release of fertilizers, insecticides or specific protection agents. Disclosed are ready-to-use modified release compositions capable of regulating release of Non-steroidal anti-inflammatory drugs (NSAIDs) at various dosage strength, a process for production thereof and also use thereof as formulated pharmaceutical compositions.

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

(19) INDIA

(22) Date of filing of Application :24/03/2014

(21) Application No.513/MUMNP/2014 A

(43) Publication Date: 26/12/2014

(54) Title of the invention: COMPOSITIONS OF LOPINAVIR AND RITONAVIR

:07/09/2012

(51) International

:A61K9/19,A61K9/51,A61K31/536

classification

(31) Priority Document No :1115635.3 (32) Priority Date :09/09/2011

(33) Name of priority country: U.K.

(86) International Application :PCT/GB2012/052210

Filing Date

(87) International Publication :WO 2013/034927

No

(61) Patent of Addition to **Application Number** :NA

Filing Date (62) Divisional to Application :NA Number :NA

Filing Date

(71)Name of Applicant:

1)THE UNIVERSITY OF LIVERPOOL

Address of Applicant : Foundation Building 765 Brownlow

Hill Liverpool L69 7ZX U.K. (72)Name of Inventor:

1)GIARDIELLO Marco Norman 2)MCDONALD Thomas Oliver

3)OWEN Andrew

4)RANNARD Steven Paul 5)MARTIN Philip John

6)SMITH Darren Lee

(57) Abstract:

The present inventions relates to a solid composition and an aqueous dispersion comprising nanoparticles of the anti retroviral drugs lopinavir and ritonavir. The solid composition and aqueous dispersion additionally comprise a mixture of a hydrophilic polymer and a surfactant. The surfactant is selected from vitamin E polyethylene glycol succinate (Vit E PEG succinate) a polyoxyethylene sorbitan fatty acid ester N alkyldimethylbenzylammonium chloride sodium deoxycholate dioctyl sodium sulfosuccinate polyethyleneglycol 12 hydroxystearate polyvinyl alcohol (PVA) and a block copolymer of polyoxyethylene and polyoxypropylene or a combination thereof. The hydrophilic polymer is suitably selected from polyvinyl alcohol (PVA) a polyvinyl alcohol polyethylene glycol graft copolymer a block copolymer of polyoxyethylene and polyoxypropylene polyethylene glycol hydroxypropyl methyl cellulose (HPMC) and polyvinylpyrrolidone or a combination thereof. The present invention also relates to processes for preparing both the solid composition and the aqueous dispersion as well as to their use in therapy for the treatment and/or prevention of retroviral infections such as human immunodeficiency virus (HIV).

No. of Pages: 53 No. of Claims: 25

(21) Application No.514/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :24/03/2014 (43) Publication Date: 26/12/2014

(54) Title of the invention: PROCESSES AND INTERMEDIATES FOR PREPARING A MACROCYCLIC PROTEASE INHIBITOR OF HCV

(51) International :C07D311/06,C07D417/04,C07D453/04

classification

(31) Priority Document :11182375.3

(32) Priority Date :22/09/2011

(33) Name of priority country

:EPO

(86) International

:PCT/EP2012/068593 Application No

Filing Date

:21/09/2012

(87) International Publication No

:WO 2013/041655

(61) Patent of Addition to :NA **Application Number**

:NA

Filing Date (62) Divisional to **Application Number** Filing Date

:NA :NA (71)Name of Applicant:

1)JANSSEN PHARMACEUTICALS INC.

Address of Applicant: 1125 Trenton Harbourton Road

Titusville New Jersey 08560 U.S.A.

(72)Name of Inventor:

1)DEPR‰ Dominique Paul Michel

2)ORMEROD Dominic John

3)HORVATH Andras

(57) Abstract:

Disclosed is a process for the preparation of a cinchonidine salt of formula (IV) via an aqueous solution of a racemic 4 hydroxy 1 2 cyclopentanedicarboxylic acid which is subjected to cyclization without removing water by the addition of a water miscible organic solvent to the aqueous solution and again without removing water adding cinchonidine to the aqueous organic solvent solution so as to obtain the cinchonidine salt of the lactone acid. The cinchonidine salt is allowd to crystallize so as to obtain the enantiomerically purified crystalline lactone acid cinchonidine salt (IV). The enantiomerically pure salt is an intermediate in the synthesis of HCV inhibitor compound of formula (I).

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

(22) Date of filing of Application :05/03/2014 (43) Publication Date : 26/12/2014

(54) Title of the invention: ATTENUATION LEVEL BASED ASSOCIATION IN COMMUNICATION NETWORKS

(51) International classification :H04L29/08,B60L11/18,H04W48/20

(31) Priority Document No :61/522184 (32) Priority Date :10/08/2011 (33) Name of priority

country :U.S.A.

(86) International :PCT/US2012/050402

Application No :10/08/2012

(87) International Publication: WO 2013/023164

(61) Patent of Addition to Application Number :NA Filing Date :NA

(62) Divisional to
Application Number
Filing Date
:NA:

(71)Name of Applicant:

1)QUALCOMM INCORPORATED

Address of Applicant :5775 Morehouse Drive San Diego CA

92121 U.S.A.

(72)Name of Inventor: 1)KATAR, Srinivas

2)YONGE Lawrence W. III.

3)RICHARD ERNEST NEWMAN

(57) Abstract:

An electric vehicle can be configured to execute an association procedure with one or more charging stations in a charging facility to securely connect to and receive electric power from one of the charging stations. The electric vehicle can broadcast one or more service matching messages to the charging stations and in response can receive attenuation information from one or more of the charging stations. The electric vehicle can analyze the attenuation information received from the charging stations to identify with which charging station the electric vehicle should associate (e.g. to determine which charging station should provide electric power to the electric vehicle). The electric vehicle can then associate with (and receive electric power from) the identified charging station.

No. of Pages: 71 No. of Claims: 40

(21) Application No.475/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :20/03/2014 (43) Publication Date: 26/12/2014

(54) Title of the invention: WATER EXPANDABLE POLYMER BEADS

(51) International classification :C08J9/12,C08J9/20,C08L25/06 (71)Name of Applicant :

(31) Priority Document No :11007344.2 (32) Priority Date :09/09/2011

(33) Name of priority country :EPO

(86) International Application No :PCT/EP2012/003688

Filing Date :04/09/2012

(87) International Publication No: WO 2013/034276

(61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to Application :NA

Number :NA Filing Date

1)SAUDI BASIC INDUSTRIES CORPORATION (SABIC)

Address of Applicant: P.O. Box 5101 11422 Riyadh Saudi

(72) Name of Inventor:

1)GHAMDI Ghurmallah

2)JANSEN Martinus Adrianus Gertrudus

3)NELISSENM Laurentius Nicolaas Ida Hubertus

(57) Abstract:

The present invention relates to a process for the emulsifier free preparation of water expandable polymer beads which process comprises the steps of: a) providing an emulsifier free starting composition comprising styrene and a polyphenylene ether resin b) prepolymerizing the starting composition to obtain a prepolymer composition c) adding an aqueous dispersion of a modifier free nanoclay to the prepolymer composition to obtain an inverse emulsion d) suspending the inverse emulsion obtained by step c) in an aqueous medium to yield an aqueous suspension of suspended droplets and e) polymerizing the monomers in the droplets of the suspension obtained by step d) to obtain the water expandable polymer beads.

No. of Pages: 32 No. of Claims: 15

(22) Date of filing of Application :25/03/2014 (43) Publication Date : 26/12/2014

(54) Title of the invention: A PASSIVE STEERING ASSIST DEVICE FOR A MONORAIL BOGIE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International 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)BOMBARDIER TRANSPORTATION GMBH Address of Applicant: Schoeneberger Ufer 1 10785 Berlin Germany (72)Name of Inventor: 1)ROUDIERE Csar Victor Benoist 2)ROY Christian 3)MONETTE Mario 4)THIBAULT Louis
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(57) Abstract:

A traction control assembly for connection between a monorail bogie frame and a monorail car. The traction control assembly comprising a first traction link pivotally connected to a first bell crank mechanism and a second traction link pivotally connected to a second bell crank mechanism. The first traction link and the second traction link are capable of absorbing traction forces applied to the monorail bogie. The traction control assembly further comprises a cross link interconnecting the first bell crank mechanism and the second bell crank mechanism and a passive steering assist device interconnecting the first bell crank mechanism and the second bell crank mechanism. The steering assist device causes the traction control assembly to insert shear forces on the monorail bogie during travel of the monorail bogie over a curved section of monorail track for facilitating rotational motion between the monorail bogie and the monorail car.

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

(21) Application No.523/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :25/03/2014 (43) Publication Date : 26/12/2014

(54) Title of the invention: RAZOR BLADE RAZOR HEAD AND METHOD OF MANUFACTURE

(51) International classification :B26B21/56,B26B21/22,B26B21/40

(31) Priority Document No :PCT/EP2011/067451

(32) Priority Date :06/10/2011

(33) Name of priority country :EPO

(86) International Application :PCT/EP2012/069883

No :08/10/2012 Filing Date

(87) International Publication: WO 2013/050606

No
(61) Potent of Addition to

(61) Patent of Addition to Application Number Filing Date :NA

(62) Divisional to Application :NA
Number :NA

Filing Date

(71)Name of Applicant : 1)BIC VIOLEX SA

Address of Applicant: Agiou Athanasiou GR 145 69 Anixi

Attiki Greece

(72)Name of Inventor:

1)DAVOS Vasileios

2)PAPACHRISTOS Vassilis 3)EFTHIMIADIS Dimitrios 4)ZAFIROPOULOS Panagiotis

5)SKOUNAKIS Nikolaos 6)KOMIANOS Ioannis 7)KAROUSSIS Michalis

8)PAPAGEORGIOU Anastasios

(57) Abstract:

An integrally formed rigid razor blade (24) having a body with: a cutting edge portion (39) extending about a cutting edge portion plane and having a cutting edge (26) at one end a base portion (35) extending along a base portion plane a bent portion (53) intermediate the cutting edge portion and the base portion and wherein the body is made of martensitic stainless steel comprising mainly iron and between 0.62% and 0.75% of carbon in weight.

No. of Pages: 47 No. of Claims: 29

(22) Date of filing of Application :21/01/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: AN ARTICLE OF MANUFACTURE PRODUCED BY A PRINTING MACHINERY

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:B41L 3/00 :NA :NA :NA :NA	(71)Name of Applicant: 1)HUDDAR, Alekh Address of Applicant:1602/SATGURU SHARAN - I CHAPHEKAR BANDHU MARG, MULUND EAST, MUMBAI - 400081, Maharashtra India 2)SAVLA, Vinesh
Filing Date	:NA	3)NAVDHARE, Hardik
(87) International Publication No (61) Patent of Addition to Application Number	: NA :NA	(72)Name of Inventor : 1)HUDDAR, Alekh
Filing Date	:NA	2)SAVLA, Vinesh
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The invention in a preferred embodiment provides an article of manufacture produced by a printing machinery, said article being a rigid surface comprising of imprints of data, said imprint of data being visually identical to a handwritten text and not typewritten text, wherein the imprint of data is produced on the rigid surface by the said printing machinery, and wherein said article is capable of combining with plurality of other rigid surfaces comprising of imprint of data to form a textbook, and wherein said printing machinery produces imprints of identical data on plurality of rigid surfaces.

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

(19) INDIA

(22) Date of filing of Application :30/01/2013

(21) Application No.273/MUM/2013 A

(43) Publication Date: 26/12/2014

(54) Title of the invention: DISPLAY 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 	:G09F 5/00 :2012056252 :13/03/2012 :Japan :NA :NA	(71)Name of Applicant: 1)SONY CORPORATION Address of Applicant: 1-7-1 Konan, Minato-ku, Tokyo, Japan (72)Name of Inventor: 1)TAKEAKI HIRASAWA
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA	

(57) Abstract:

There is provided a display apparatus including a display that has a display face on which an image is displayed, a back chassis that is disposed on a side opposite to the display face of the display, and a cover film that is positioned in a state in which the cover film reaches the back chassis from the display face, one end of the cover film being attached to at least a portion of an outer circumferential portion of the display is held by the cover film.

No. of Pages: 54 No. of Claims: 8

(22) Date of filing of Application :07/02/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: VIRTUAL BOOK DEVICE AND METHOD TO OPERATE THE SAME

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:G06F3/048, G06F3/16 :NA :NA :NA :NA	(71)Name of Applicant: 1)MANGESH MARUTI EDAKE Address of Applicant: BHAGWATINAGAR, SUTARWADI ROAD, PASHAN, PUNE, Maharashtra India 2)AMAR SHIVAJI POL (72)Name of Inventor:
Filing Date	:NA	1)MANGESH MARUTI EDAKE
(87) International Publication No	: NA	2)AMAR SHIVAJI POL
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A virtual book device capable of presenting infomercial content to the user in an interactive manner is disclosed herein which advantageously retains the look and feel of a real printed paper book. Also disclosed are details of construction and operation of said virtual book.

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

(19) INDIA

(22) Date of filing of Application :21/03/2014

(21) Application No.490/MUMNP/2014 A

(43) Publication Date: 26/12/2014

(54) Title of the invention: GEOPOLYMER PRODUCT

(51) International classification	:C04B28/00,C04B14/04	(71)Name of Applicant :
(31) Priority Document No	:2011904043	1)HYSSIL PTY LTD
(32) Priority Date	:30/09/2011	Address of Applicant :C/ Davies Collison Cave 1 Nicholson
(33) Name of priority country	:Australia	Street Melbourne Victoria 3000 Australia
(86) International Application No	:PCT/AU2012/001193	(72)Name of Inventor:
Filing Date	:28/09/2012	1)SAGOE CRENTSIL Kwesi Kurentsir
(87) International Publication No	:WO 2013/044325	2)YAN Shiqin
(61) Patent of Addition to Application	:NA	3)GESTHUIZEN Leigh
Number	:NA	
Filing Date	.11/14	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A method of producing a geopolymer product which comprises: preparing an activated geopolymer premix by addition to a geopolymer premix of an activator compound that initiates a condensation reaction in the geopolymer premix; forming the activated geopolymer premix into a desired configuration to form a geopolymer structure; and curing the geopolymer structure to produce the geopolymer product wherein the characteristics of the activated premix are controlled and the condensation reaction allowed to proceed for a period of time prior to forming such that when formed the activated premix forms a self supporting geopolymer structure.

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

(21) Application No.531/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :25/03/2014

(43) Publication Date: 26/12/2014

(54) Title of the invention: IDENTIFICATION OF ANTIGEN SPECIFIC ADAPTIVE IMMUNE RESPONSES USING ARM PCR AND HIGH THROUGHPUT SEQUENCING

(51) International

:C12P21/08,C07K14/00,G06F19/16

classification

:61/540454

(31) Priority Document No (32) Priority Date

:28/09/2011

(86) International Application :PCT/US2012/058128

No

:28/09/2012

Filing Date

(87) International Publication :WO 2013/049727

(33) Name of priority country: U.S.A.

(61) Patent of Addition to **Application Number**

:NA :NA

Filing Date

(62) Divisional to Application :NA Number :NA Filing Date

(57) Abstract:

(71)Name of Applicant:

1)CB BIOTECHNOLOGIES INC.

Address of Applicant: 7712 Donegal Drive Huntsville

Alabama 35802 U.S.A. (72)Name of Inventor:

1)HAN Jian

2)BYRNE STEELE Miranda

Disclosed is a method for correlating at least one amino acid sequence from an antibody isolated from human or animal blood with at least one DNA sequence corresponding to the antibody in the immunorepertoire of the human or animal. The method also provides a means for pairing heavy and light chains to produce synthesized monoclonal antibodies.

No. of Pages: 36 No. of Claims: 4

(22) Date of filing of Application :25/03/2014 (43) Publication Date : 26/12/2014

(54) Title of the invention: ANTI CLOGGING STEAM GENERATOR TUBE BUNDLE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	:F28F9/013 :13/272524 :13/10/2011 :U.S.A. :PCT/US2012/052959 :30/08/2012 :WO 2013/058873	(71)Name of Applicant: 1)WESTINGHOUSE ELECTRIC COMPANY LLC Address of Applicant: 1000 Westinghouse Dirve Cranberry Township PA 16066 U.S.A. (72)Name of Inventor: 1)WEPFER Robert M. 2)SCHWALL James R.
(61) Patent of Addition to Application Number	:WO 2013/0588/3 :NA :NA	2)SCHWALL James R. 3)WEINDORF Christopher A. 4)BALAVAGE John R.
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A tube and shell steam generator having an anti clogging heat exchange tube bundle wherein the tube support plates within the tube bundle are designed with varying degrees of porosity thereby regulating local secondary side fluid conditions (velocity quality superheat void fraction etc.) in a manner to reduce the potential for clogging of the tube support plate lobes that are more prone to clogging.

No. of Pages: 23 No. of Claims: 14

(21) Application No.38/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application: 10/01/2014 (43) Publication Date: 26/12/2014

(54) Title of the invention: CODING OF LAST SIGNIFICANT TRANSFORM COEFFICIENT

(51) International algorithmation	:H04N7/26	(71) Name of Applicant
(51) International classification	.HU4N //20	(71)Name of Applicant :
(31) Priority Document No	:61/502269	1)QUALCOMM INCORPORATED
(32) Priority Date	:28/06/2011	Address of Applicant :5775 Morehouse Drive ATTN:
(33) Name of priority country	:U.S.A.	International IP Administration San Diego California 92121 1714
(86) International Application No	:PCT/US2012/044629	U.S.A.
Filing Date	:28/06/2012	(72)Name of Inventor:
(87) International Publication No	:WO 2013/003581	1)SOLE ROJALS Joel
(61) Patent of Addition to Application	:NA	2)CHIEN Wei Jung
Number		3)JOSHI Rajan Laxman
Filing Date	:NA	4)KARCZEWICZ Marta
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A video encoder determines that the last significant coefficient (LSC) of a transform coefficient block occurs at a given ordinal position according to a coding scanning order. The video encoder generates a coordinate indicator that specifies the coordinates of a given transform coefficient in the transform coefficient block. The given transform coefficient occurs at the same ordinal position according to an assumed scanning order. A video decoder receives the coordinate indicator and converts the coordinate indicator into a scan based LSC indicator. The scan based LSC indicator indicates the ordinal position of the LSC.

No. of Pages: 79 No. of Claims: 42

(21) Application No.492/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :21/03/2014

(43) Publication Date: 26/12/2014

(54) Title of the invention : ENHANCEMENT OF FISCHER TROPSCH PROCESS FOR HYDROCARBON FUEL FORMULATION IN A GTL ENVIRONMENT

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :PCT/CA2011/001017 :08/09/2011 :WO 2013/033812 :NA :NA	(71)Name of Applicant: 1)EXPANDER ENERGY INC. Address of Applicant: Suite 200 1414 Eighth Street S.W. Calgary Alberta T2R 1J6 Canada (72)Name of Inventor: 1)KRESNYAK Steve
Filing Date	:NA	

(57) Abstract:

An enhanced Fischer Tropsch process for the synthesis of sulfur free clean burning hydrocarbon fuels examples of which include syndiesel and aviation fuel. Naphtha is destroyed in a syngas generator and recycled as feedstock to an Fischer Tropsch (FT) reactor in order to enhance the production of syndiesel from the reactor. The process enhancement results is the maximum production of formulated syndiesel without the formation of low value by products.

No. of Pages: 26 No. of Claims: 23

(22) Date of filing of Application :21/03/2014 (43) Publication Date: 26/12/2014

(54) Title of the invention: PROPHYLACTIC/THERAPEUTIC AGENT FOR CARDIOVASCULAR COMPLICATIONS OF **DIABETES**

(51) International (71)Name of Applicant: :A61K31/19,A61K31/20,A61K31/215 classification (31) Priority Document No :2011-184318 (32) Priority Date :26/08/2011 5650871, Japan (33) Name of priority :Japan country CENTER (86) International :PCT/JP2012/071594 Application No :27/08/2012 Filing Date

(87) International :WO 2013/031729 Publication No

(61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to :NA **Application Number** :NA Filing Date

1)OSAKA UNIVERSITY

Address of Applicant :1-1, Yamadaoka, Suita-shi, Osaka

2)NATIONAL CEREBRAL AND CARDIOVASCULAR

3)NATIONAL UNIVERSITY CORPORATION HAMAMATSU UNIVERSITY SCHOOL OF MEDICINE

4)KOWA COMPANY, LTD.

(72)Name of Inventor: 1)HIRANO Ken ichi 2)YASUI Yoko 3)IKEDA Yoshihiko 4)SETOU Mitsutoshi 5)ZAIMA Nobuhiro

(57) Abstract:

The purpose of the present invention is to provide a drug having excellent prophylactic or therapeutic effect against cardiovascular complications of diabetes the drug containing a compound for inhibiting neutral fat accumulation in cardiovascular tissue or cells. The present invention pertains to a prophylactic/therapeutic drug for cardiovascular complications of diabetes the drug containing a compound for inhibiting neutral fat accumulation (preferably medium chain fatty acid and/or medium chain triglyceride).

No. of Pages: 42 No. of Claims: 18

(21) Application No.534/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :25/03/2014 (43) Publication Date: 26/12/2014

(54) Title of the invention: METHOD FOR DETECTING NUCLEOSOMES CONTAINING HISTONE VARIANTS

(51) International classification :G01N33/574,G01N33/68 (71)Name of Applicant : (31) Priority Document No :1115098.4 (32) Priority Date :01/09/2011

(33) Name of priority country :U.K.

(86) International Application No :PCT/GB2012/052131 Filing Date :31/08/2012

(87) International Publication No :WO 2013/030579

(61) Patent of Addition to Application :NA :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

1)SINGAPORE VOLITION PTE LIMITED

Address of Applicant :165 Gangsa Road Unit 01 70 Singapore

670165 Singapore

(72)Name of Inventor:

1)MICALLEF Jacob Vincent

(57) Abstract:

The invention relates to a method for detecting and measuring the presence of mono nucleosomes and oligo nucleosomes and nucleosomes that contain particular histone variants and the use of such measurements for the detection and diagnosis of disease. The invention also relates to a method of identifying histone variant biomarkers for the detection and diagnosis of disease and to biomarkers identified by said method.

No. of Pages: 67 No. of Claims: 22

(22) Date of filing of Application :25/03/2014 (43) Publication Date: 26/12/2014

(54) Title of the invention: APPARATUS AND METHOD FOR QUANTITATIVELY COATING CATALYST SUPPORT

(51) International classification :B01J37/02,B01J19/18,B01J3/03 (71)Name of Applicant :

(31) Priority Document No :1020110098682 (32) Priority Date :29/09/2011

(33) Name of priority country :Republic of Korea (86) International Application No:PCT/KR2012/001837

Filing Date :14/03/2012 (87) International Publication No: WO 2013/047965

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to Application :NA Number :NA Filing Date

(57) Abstract:

1)HEESUNG CATALYSTS CORPORATION

Address of Applicant: #507 Sihwa Industrial Complex 1Da 1251 6 Jungwang dong Shiheung si Kyeonggi do 429 450

Republic of Korea (72)Name of Inventor: 1)HAN Hyun Sik 2)NA Seung Chul

3)HAN Sang Yun

The present invention provides a quantitative coating method of a catalyst support for quantitatively coating a catalyst slurry to be applied to exhaust gas post processing to a monolithic catalyst support having a plurality of channels longitudinally formed comprising the following steps: injecting the catalyst slurry into a measuring container of which the bottom moves up and down; moving the catalyst support to the upper portion of the container so as to allow the lower end of the catalyst support and the upper end of the container to be horizontal; sealing the lower end of the catalyst support and the upper end of the container from the outside; moving up the bottom of the container; and applying a vacuum.

No. of Pages: 30 No. of Claims: 7

(21) Application No.494/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :21/03/2014 (43) Publication Date : 26/12/2014

(54) Title of the invention: DEVICE FOR PRODUCING HANDLING AND FILLING BAGS

(51) International classification	:B65B9/087,B65G54/02	(71)Name of Applicant :
(31) Priority Document No	:13/316525	1)KHS GMBH
(32) Priority Date	:11/12/2011	Address of Applicant :Juchostrasse 20 44143 Dortmund
(33) Name of priority country	:U.S.A.	Germany
(86) International Application No	:PCT/EP2012/004873	(72)Name of Inventor:
Filing Date	:24/11/2012	1)SAMMONS Michael
(87) International Publication No	:WO 2013/087151	2)CALABRESE Roger
(61) Patent of Addition to Application	:NA	3)WATMOUGH Oliver
Number	:NA	
Filing Date	.NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A conveying device for a bag filling machine has an endless rail with a working section and a return section extending from a downstream end of the working section to an upstream end of the working section. A plurality of carriages each carrying a permanent magnet and a clamp travel on the rail for movement through the stations on the working section and for movement from the downstream end of the working section along the return section back to the upstream end of the working section. An electromagnet array on the rail only along the working section and an electronic control unit connected to the electromagnets together form a frequency controlled linear direct drive that propels the carriages downstream through the working section while the travel speeds of at least half of the carriages are varied in the working section. A mechanical or frequency controlled conveying device is provided in the return section.

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

(22) Date of filing of Application :21/03/2014 (43) Publication Date : 26/12/2014

(54) Title of the invention: IMPLANTS AND METHODS OF USING THE IMPLANTS TO FILL HOLES IN BONE TISSUE

(51) International classification	:A61B17/68,A61F2/28	(71)Name of Applicant:
(31) Priority Document No	:13/214441	1)OssDsign AB
(32) Priority Date	:22/08/2011	Address of Applicant :Virdings All 2 S 754 50 UPPSALA
(33) Name of priority country	:U.S.A.	Sweden
(86) International Application No	:PCT/IB2012/054228	(72)Name of Inventor:
Filing Date	:21/08/2012	1)QWARNSTROM Bo
(87) International Publication No	:WO 2013/027175	2)ENGSTRAND Thomas
(61) Patent of Addition to Application	:NA	3)BERG Jonas
Number	:NA	
Filing Date	.11/A	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Implants for filling a bore hole in a bone for example a skull comprise a single ceramic implant body of width D and thickness H and a plurality of substantially laterally extending anchoring arms. The implants provide both filling of the bone defect and fixation of the bone flap. Methods for forming such implants employ moulding techniques. Methods for using such implants for filling a bore hole between a bone flap and surrounding bone comprise fixing one or more anchoring arms to the bone flap and one or more anchoring arms to the surrounding bone.

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

(22) Date of filing of Application :21/03/2014 (43) Publication Date : 26/12/2014

(54) Title of the invention: DRUM LAGGING MATERIAL AND INSTALLATION APPARATUS THEREFOR

(51) International classification:F16G3/16,F16H55/38,B65G39/07 (71)Name of Applicant: (31) Priority Document No 1)ALBANY INTERNATIONAL CORP. :61/538470 (32) Priority Date :23/09/2011 Address of Applicant :216 Airport Drive Rochester NH 03867 (33) Name of priority country :U.S.A. (86) International Application (72)Name of Inventor: :PCT/US2012/056904 1)FARRELL Donald J. :24/09/2012 Filing Date 2)PINSON Charles L. (87) International Publication 3)RACZKOWSKI Kaz P. :WO 2013/044227 (61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to Application :NA Number :NA Filing Date

(57) Abstract:

Apparatus for installing an on machine seamable lagging including at least two opposed elongate members (2 3) such that when the elongate members are drawn together the lagging material is stretched into a seamable position to be installed on the drum (25). Lagging materials for use on a driven cylindrical pulley or drum for an industrial machine. A lagging material can comprise a seaming element (16) along the cross machine direction of each of the opposing ends of the lagging material for seaming opposing ends of a lagging material when brought together. A lagging material can also comprise coatings that increase the coefficient of friction of a lagging material when the lagging material is installed onto the drum such that no additional adhesive is required to keep the lagging on the drum circumference when in operation.

No. of Pages: 46 No. of Claims: 77

(22) Date of filing of Application :25/03/2014

(43) Publication Date: 26/12/2014

(54) Title of the invention : USE OF NON STEROIDAL ANTI INFLAMMATORY DRUGS MELOXICAM AND PIROXICAM ADMINISTERED INTRAVAGINALLY FOR INTERRUPTION OF A WOMAN S OVULATION PROCESS

classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to	:NA :NA :NA :PCT/CL2011/000049 :26/08/2011 :WO 2013/029194 :NA :NA	(71)Name of Applicant: 1)UNIVERSIDAD DE SANTIAGO DE CHILE Address of Applicant : Av. Libertador Bernardo OHiggins 3363 c³digo postal 9170022 Santiago Chile (72)Name of Inventor: 1)CARDENAS SANKAN Hugo 2)CROXATTO AVONI Horacio 3)RABAGLIATI CANESSA Franco 4)ZAPATA RAMIREZ Paula 5)GALVEZ PEREZ Paula 6)ALTBIR DRULLINSKY Dora 7)VELASQUEZ CUMPLIDO Luis
Application Number	:NA :NA	

(57) Abstract:

The invention relates to the use of the non steroidal anti inflammatory compounds meloxicam and piroxicam as an intravaginal topical preparation for interrupting a woman s ovulation process.

No. of Pages: 20 No. of Claims: 9

(21) Application No.138/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :15/01/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: DETERMINATION OF RESOURCE CONSUMPTION

(51) International classification	:G01D4/00, G01R22/00,	(71)Name of Applicant: 1)TATA CONSULTANCY SERVICES LIMITED
	H02J3/00	Address of Applicant :Nirmal Building, 9th Floor, Nariman
(31) Priority Document No	:NA	Point, Mumbai, 400021 Maharashtra India
(32) Priority Date	:NA	(72)Name of Inventor:
(33) Name of priority country	:NA	1)IDNANI, AJAY
(86) International Application No	:NA	
Filing Date	:NA	
(87) 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 (102) and method for determining consumption of resources to assist a meter reading personnel are described. According to an embodiment, the system (102) includes a processor (112) and an extraction module (124) coupled to the processor (112) configured to extract historical data associated with a meter to be read. The system (102) further includes a prediction module (126) coupled to the processor (112) configured to determine a predicted resource consumption for a current cycle based on the historical data and provide the predicted meter reading to a display device corresponding to a meter reading personnel. Furthermore, the system (102) includes a computation module (128) coupled to the processor (112) configured to determine an actual resource consumption for the current cycle based on an analysis of an observed resource consumption of the current cycle with respect to the predicted resource consumption.

No. of Pages: 24 No. of Claims: 16

(22) Date of filing of Application :17/02/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: SYSTEM AND METHOD TO PROVIDE MESSAGE BASED TESTING

(51) International classification	:G06Q10/00	(71)Name of Applicant:
(31) Priority Document No	:NA	1)Tata Consultancy Services Limited
(32) Priority Date	:NA	Address of Applicant :Nirmal Building, 9th Floor, Nariman
(33) Name of priority country	:NA	Point, Mumbai 400021, Maharashtra India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)NOOKALA, Suresh
(87) International Publication No	: NA	2)SELVAM, Bakiyaraj
(61) Patent of Addition to Application Number	:NA	3)BHOBE, Manish Jagdish
Filing Date	:NA	4)GURUKAILASAM, Gurunathan
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present disclosure provides a system and method for validating a message in an input file. The input file is received from a source. A format of the input file is identified. A plurality of elements is captured from a header in the message by parsing the message. An element of the plurality of elements is indicative of at least one of a data type, or an asset class, or an attribute corresponding to the message. The element is mapped with a Financial Products Markup Language (FpML) element based upon at least one of the data type, or the asset class, or the attribute. A javabean instance for the FpML element is generated. The javabean instance is validated with a pre-defined FpML structure by comparing the javabean instance with the pre-defined FpML structure.

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

(21) Application No.537/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :25/03/2014 (43) Publication Date: 26/12/2014

(54) Title of the invention: FREQUENCY DIFFERENCE DETECTION DEVICE FREQUENCY DIFFERENCE DETECTION METHOD AND PROGRAM

(51) International classification :H04L7/00,G04G3/00,G04G3/02 (71)Name of Applicant:

(31) Priority Document No :2011-221469 (32) Priority Date :06/10/2011

(33) Name of priority country :Japan

(86) International Application :PCT/JP2012/074832

:27/09/2012 Filing Date

(87) International Publication No: WO 2013/051445

(61) Patent of Addition to $\cdot NA$ **Application Number** :NA Filing Date

(62) Divisional to Application :NA Number :NA

Filing Date

1)SONY CORPORATION

Address of Applicant: 17 1 Konan Minato ku Tokyo 1080075

(72)Name of Inventor: 1)SOMEYA Ikuo

2)HAMAMATSU Toshihiko

3)KOJIMA Toshiaki

(57) Abstract:

The disclosure relates to: a frequency difference detection device capable of synchronizing oscillation frequencies with a master device on a network with high precision; a frequency difference detection method; and a program. This frequency difference detection device detects oscillation frequency errors of a master device and a slave device connected via a network and comprises: a first subtraction unit that calculates the difference between a transmission time (T1) included in a sync message periodically transmitted from the master device and a reception time (T2) for when the message is received; a second subtraction unit that calculates the difference between subtraction results (T2 T1) from the first subtraction unit corresponding to the sync message received on the ith time and the subtraction results (T2 T1) from the first subtraction unit corresponding to the sync message received on the i kth time; and a first division unit that divides the subtraction results of the second subtraction unit by k. This disclosure can be applied for example to a PTP slave.

No. of Pages: 63 No. of Claims: 9

(21) Application No.39/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :10/01/2014 (43) Publication Date : 26/12/2014

(54) Title of the invention: PRE AGREED RADIO LINK FAILURE RECOVERY CHANNEL SEQUENCE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:28/06/2012 :WO 2013/006377 :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)BARBIERI Alan 2)GAAL Peter
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A method of wireless communication is provided. The method includes transmitting a message to notify a base station of a radio link failure on a current channel retuning to a pre agreed channel and setting a time period to synchronize with the base station on the pre agreed channel.

No. of Pages: 41 No. of Claims: 30

(21) Application No.497/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :21/03/2014 (43) Publication Date : 26/12/2014

(54) Title of the invention: SIMPLIFIED RADIOSYNTHESIS OF O [18F]FLUOROMETHYL TYROSINE DERIVATIVES

(51) International classification:C07C227/40(31) Priority Document No:11178906.1(32) Priority Date:25/08/2011

(33) Name of priority country :EPO

(86) International Application No :PCT/EP2012/066618 Filing Date :27/08/2012

(87) International Publication No :WO 2013/026940

(61) Patent of Addition to Application
Number
Filing Date
(62) Divisional to Application Number :NA
Filing Date :NA

:C07C227/40,C07C229/36 (71)Name of Applicant : 11178906.1 1)PIRAMAL IMAGING SA

Address of Applicant :Route lEcole 13 CH 1753 Matran

Switzerland.

(72)Name of Inventor: 1)GRAHAM Keith 2)EDE Selahattin

(57) Abstract:

This invention relates to the simplified radiosynthesis of O [F]fluoromethyl tyrosine derivatives whereby the need for purification by preparative high pressure liquid chromatographic methods (HPLC) has been eliminated.

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

(21) Application No.498/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :21/03/2014 (43) Publication Date: 26/12/2014

(54) Title of the invention: RODDABLE DIRECT MOUNT MANIFOLD FOR PRIMARY FLOW ELEMENT

(51) International classification :F16K27/00,G01F1/34,G01F1/36 (71)Name of Applicant:

(31) Priority Document No :13/276715 (32) Priority Date :19/10/2011

(33) Name of priority country :U.S.A.

(86) International Application :PCT/US2012/060712

No :18/10/2012 Filing Date

(87) International Publication No:WO 2013/059389

(61) Patent of Addition to :NA Application Number :NA Filing Date

(62) Divisional to Application :NA Number :NA

Filing Date

1)DIETERICH STANDARD INC.

Address of Applicant :5601 North 71st Street Boulder CO

80301 U.S.A.

(72)Name of Inventor: 1)DEEGAN Paul T.

2) VERHAAGEN Donald R.

(57) Abstract:

An apparatus and rodding method is disclosed for cleaning particular matter from the interior high and low pressure fluid conducting conduits of a valve manifold (2) and its mounting neck (6) mat are components of a process fluid flow or mass flow measuring assembly. High and low pressure fluid conducting conduits (18 20) run through the longitudinal length of the manifold body (12) with laterally extending diversion channels that conduct the high and low pressure fluid to a pressure transducer mounted on the back side of the valve manifold (2). Following shut down of the process fluid flow plugs at the terminal end of the fluid channels are removed permitting cleaning rods to be inserted into the fluid channels without having to remove the pressure transducer and associated data transmitter from the assembly.

No. of Pages: 17 No. of Claims: 13

(21) Application No.542/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :26/03/2014 (43) Publication Date: 26/12/2014

(54) Title of the invention: PRODUCT AND PROCESS FOR ITS MANUFACTURE

(51) International :A23C9/127,A23C9/14,A23C9/142 classification

(31) Priority Document No :20115851 (32) Priority Date :31/08/2011 (33) Name of priority country: Finland

(86) International Application :PCT/FI2012/050848

No

:31/08/2012 Filing Date

(87) International Publication

:WO 2013/030461 No

(61) Patent of Addition to **Application Number** :NA Filing Date

(62) Divisional to Application :NA Number :NA Filing Date

(57) Abstract:

(71)Name of Applicant:

1)VALIO LTD

Address of Applicant: Meijeritie 6 FI 00370 Helsinki Finland

(72)Name of Inventor: 1)RAJAKARI Kirsi 2)MYLL,,RINEN Pivi

The invention relates to a process for the preparation of a soured milk product by means of physical modification of milk raw material and a crosslinking enzyme that strengthens the texture. The invention also relates to a milk product that contains physically modified milk raw material fat globules and has been treated with a crosslinking enzyme.

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

(22) Date of filing of Application :26/03/2014 (43) Publication Date : 26/12/2014

(54) Title of the invention: AMINO ACID SEQUENCES FOR CONTROLLING PATHOGENS

:NA

(51) International classification :A61K38/17,C07K14/435 (71)Name of Applicant : (31) Priority Document No 1)CENTRO DE INGENIERIA GENETICA Y :20110181 (32) Priority Date :30/09/2011 BIOTECNOLOGIA (33) Name of priority country Address of Applicant: Avenida 31 entre 158 y 190 Playa La :Cuba (86) International Application No :PCT/CU2012/000005 Habana 11600 Cuba Filing Date :01/10/2012 (72)Name of Inventor: (87) International Publication No :WO 2013/044890 1)ACOSTA ALBA Jannel (61) Patent of Addition to Application 2)ESTRADA GARC A Mario Pablo :NA Number :NA Filing Date

(57) Abstract:

Filing Date

The invention relates to isolated and purified antimicrobial peptides from tilapia () gill extracts. Said peptides can be produced by chemical synthesis or in heterologous expression systems such as bacteria and yeast by conventional molecular biology techniques. Said peptides exhibit antimicrobial activity against various organisms including gram positive bacteria gram negative bacteria fungi and viruses. The invention also includes compositions for controlling pathogenic agents comprising said antimicrobial peptides. The invention further relates to the use of said peptides as a molecular adjuvant in vaccine preparations.

No. of Pages: 28 No. of Claims: 17

(62) Divisional to Application Number :NA

(22) Date of filing of Application :25/02/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: REFRIGERATOR WITH A COLD FILTERED WATER DISPENSER

	:B01D27/00,	(71)Name of Applicant:
(51) International classification	B01D29/15,	1)WHIRLPOOL OF INDIA LIMITED
	B01D35/153	Address of Applicant :Plot No A4 MIDC Nagar Road,
(31) Priority Document No	:NA	Ranjangaon , Pune -419204 Maharashtra India
(32) Priority Date	:NA	(72)Name of Inventor:
(33) Name of priority country	:NA	1)Gaurang Mittal
(86) International Application No	:NA	2)Kafilludin Sayyed
Filing Date	:NA	3)Shivaji Shelke
(87) International Publication No	: NA	4)Ashish D. Matkar
(61) Patent of Addition to Application Number	:NA	5)Dheeraj Kumar
Filing Date	:NA	6)Sumit Singh
(62) Divisional to Application Number	:NA	7)Mehek Sharma
Filing Date	:NA	

(57) Abstract:

A refrigerator comprising a dispensing unit has been disclosed, wherein the refrigerator comprising: a storage tank, placed in the interior of the refrigerator; a dispensing unit placed in the exterior of the refrigerator, wherein the dispensing unit configured to include a plurality of outlet; and a connecting assembly, wherein connecting assembly is configured to connect the storage tank, and the dispensing unit. The refrigerator has a first water inlet which is connected to a tube and the tube is passed through hollow bottom hinge of the refrigerator, and a second water inlet which is connected to the storage tank. The storage tank has at least one inlet and at least one outlet to facilitate water flow. The dispensing unit and the faucet are connected by a silicone tube.

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

(22) Date of filing of Application :15/01/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: DISCRETE SIGNAL SYNCHRONIZATION BASED ON A KNOWN BIT PATTERN

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:H04L7/033, H04L7/08 :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)TATA CONSULTANCY SERVICES LIMITED Address of Applicant: Nirmal Building, 9th Floor, Nariman Point, Mumbai, 400021 Maharashtra India (72)Name of Inventor: 1)CHALAMALA, Srinivasa Rao 2)KAKKIRALA, Krishna Rao
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Systems and methods for discrete signal synchronization based on a known bit pattern are described. In one aspect of the present subject matter, a discrete signal synchronization system is configured to synchronize a preprocessed discrete signal with a modified discrete signal. The system comprises a processor and a synchronization module coupled to the processor. The synchronization module comprises an extraction module and comparison module. The extraction module determines bit patterns of modified discrete signal using Discrete Wavelet Transformation (DWT) and Singular Value Decomposition (SVD). The comparison module compares the determined bit pattern with a known bit pattern of the preprocessed discrete signal and records a time point at which the determined bit pattern matches with the known bit pattern of the preprocessed discrete signal as a synchronization point.

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

(22) Date of filing of Application :25/01/2013

(43) Publication Date: 26/12/2014

(54) Title of the invention : A LAXATIVE COMPOSITION CONTAINING COMBINATION OF LACTULOSE AND DEXTRIN AND PROCESS FOR PREPARING THE SAME.

(51) International classification	:A61K 31/7016, A61K 31/721	(71)Name of Applicant: 1)Abbott India Limited Address of Applicant: 3-4, Corporate Park, Sion-Trombay Road, Mumbai - 400 071, Maharashtra India
(31) Priority Document No	:NA	(72)Name of Inventor:
(32) Priority Date	:NA	1)PATIL, Vijay
(33) Name of priority country	:NA	2)SINGH, Ragini
(86) International Application No	:NA	3)GRAMPUROHIT, Vidya
Filing Date	:NA	4)MANADKAR, Ganesh
(87) International Publication No	: NA	5)SHANDILYA Marut
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

⁽⁵⁷⁾ Abstract:

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

The present invention relates to a laxative composition comprising combination of lactulose and dextrin and one or more excipients and process of preparing the same.

(21) Application No.499/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :21/03/2014 (43) Publication Date : 26/12/2014

(54) Title of the invention: PROCESS FOR MANUFACTURING AN OBJECT FROM A SOL GEL SOLUTION

(51) International classification :C03B19/12,C04B35/624,C03B37/016

(31) Priority Document No :11 58768 (32) Priority Date :29/09/2011

(33) Name of priority :France

country (86) International

Application No :PCT/EP2012/069277 :28/09/2012

Filing Date

(87) International

Publication No :WO 2013/045671

(61) Patent of Addition to
Application Number
Filing Date
(62) Divisional to
Application Number
Filing Date
:NA
:NA
:NA

(71)Name of Applicant:

1)COMMISSARIAT L%NERGIE ATOMIQUE ET AUX %NERGIES ALTERNATIVES

Address of Applicant :25 rue Leblanc B¢timent Le Ponant D F

75015 Paris France (72)Name of Inventor:

1)FATHALLAH Tarek 2)MARCHAND Gilles

(57) Abstract:

The invention relates to a process for manufacturing an object made of a constituent material obtained from a sol gel solution successively comprising the following steps: a) a step of introducing said sol gel solution into a mould of the object to be manufactured; b) a step of gelling the sol gel solution; c) a step of drying said gel obtained in b) in said mould by means of which said gel is converted into the constituent material of the aforementioned object characterized in that the mould consists of a closed chamber and comprises a material suitable for allowing the evacuation of the gases formed during step b) and/or step c).

No. of Pages: 42 No. of Claims: 6

(22) Date of filing of Application :26/03/2014 (43) Publication Date : 26/12/2014

(54) Title of the invention: PYRROLOBENZODIAZEPINES AND TARGETED 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 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:A01N43/62 :61/547195 :14/10/2011 :U.S.A. :PCT/US2012/059870 :12/10/2012 :WO 2013/055993 :NA :NA	(71)Name of Applicant: 1)SEATTLE GENETICS INC. Address of Applicant: 21823 30th Drive S.E. Bothell WA 98021 U.S.A. 2)SPIROGEN SRL (72)Name of Inventor: 1)JEFFREY Scott 2)BURKE Patrick 3)HOWARD Philip Wilson
1 (6)110 61	:NA :NA :NA	S)110 WIRE I Imp Wilson

(57) Abstract:

This invention relates to pyrrolobenzodiazepines (PBDs) in particular pyrrolobenzodiazepine dimers having a C2 C3 double bond and an aryl group at the C2 position in each monomer unit and their inclusion in targeted conjugates. The differing substituent groups may offer advantages in the preparation and use of the compounds particularly in their biological properties and the synthesis of conjugates and the biological properties of these conjugates.

No. of Pages: 108 No. of Claims: 46

(22) Date of filing of Application :26/03/2014 (43) Publication Date : 26/12/2014

(54) Title of the invention: CLUTCH WITH CLUTCH RING ON TWO CLUTCH PARTS AND ASSOCIATED CLUTCH RING

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:F16D3/68,F16D3/18 :20 2011 105 999.9 :20/09/2011 :Germany :PCT/DE2012/000936 :18/09/2012 :WO 2013/041082 :NA :NA :NA	(71)Name of Applicant: 1)KWD KUPPLUNGSWERK DRESDEN GMBH Address of Applicant: Lbtauer Strasse 45 01159 Dresden Germany (72)Name of Inventor: 1)SPENSBERGER Johann 2)HAEDRICH Eberhard
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(57) Abstract:

The invention relates to a clutch (30 49 61; 40 60) with a clutch ring (1) on two clutch parts (8 9) and also to an associated clutch ring (1) wherein the clutch parts (8 9) each constitute a star (2 3) with star arms (26 27) and star arm end regions (4 5) situated thereon wherein the two stars (2 3) are arranged opposite and axially relative to one another with an angular offset and the star arm end regions (45) are provided with in each case at least one threaded bore (14) for screw connections (20) wherein the clutch ring (1) includes a plurality of fastening elements (10 11) which are directed towards the axis (23) of the clutch ring (1) which are arranged in an annularly encircling manner and which have in each case at least one continuous bore (12 13) directed exclusively radially with respect to the ring axis (23) wherein the continuous bores (12 13) are provided for at least one exclusively radially directed screw connection (20) for the fastening of the fastening elements (10 11) to the threaded bores (14) which are directed radially with respect to the ring axis (23) of the star arm end regions (45) situated on the stars in an alternating manner the fastening elements (1011) of the clutch ring (1) have in each case one axially running surface (31) directed towards the ring axis (23) which surfaces in each case correspond with an axially running surface (29) of the star arm end regions (45) in the assembled state in each case one elastic spring element (17) is provided between the annularly encirclingly adjacent fastening elements (10 11) which elastic spring element is fastened to the respectively adjacent fastening elements (10 11) by being vulcanized on in a vulcanization process wherein the annularly encirclingly alternating arrangement of the fastening elements (10 11) and of the elastic spring elements (17) forms a clutch ring (1) which is produced in a vulcanization process and which can as a whole be screwed to the two axially offset star arm end regions (4.5) such that the clutch ring (1) forms an elastic undivided clutch ring and permits a uniform tangential generation of preload.

No. of Pages: 53 No. of Claims: 36

(19) INDIA

(22) Date of filing of Application :04/03/2014

(21) Application No.393/MUMNP/2014 A

(43) Publication Date: 26/12/2014

(54) Title of the invention: A PROCESS FOR PREPARING FORM A OF (S)-5-METHOXY-2-[[(4-METHOXY-3,5-DIMETHYL-2-PYRIDINYL)-METHYL] SULFINYL]1H-BENZIMIDAZOLE MAGNESIUM DIHYDRATE

(51) International classification	:C07D401/12	(71)Name of Applicant:
(31) Priority Document No	:348/MUM/2007	1)CIPLA LIMITED
(32) Priority Date	:21/02/2007	Address of Applicant :289 BELLASIS ROAD, MUMBAI
(33) Name of priority country	:India	CENTRAL, MUMBAI 400 008 Maharashtra India
(86) International Application No	:PCT/GB2008/000602	(72)Name of Inventor:
Filing Date	:21/02/2008	1)RAO, DHARMARAJ, RAMACHANDRA
(87) International Publication No	:WO 2008/102145	2)KANKAN, RAJENDRA, NARAYANRAO
(61) Patent of Addition to Application	:NA	3)PATHI, SRINIVAS, LAXMINARAYAN
Number	.INA ·NIA	4)BANGALORE, SUMANA, GOPALAKRISHNA

:NA

:1579/MUMNP/2009

:24/08/2009

Filed on (57) Abstract:

Filing Date

A process for preparing Form A of (S) -5-methoxy-2- [[(4-methoxy-3, 5-dimethyl-2-pyridinyl) - methyl] sulf inyl] -1 Hbenzimidazole magnesium dihydrate, processes for preparing various intermediates useful in the preparation of Form A of (S) -5methoxy-2- [[(4-methoxy-3, 5-dimethyl-2-pyridinyl) -methyl] sulf inyl] -1 H-benzimidazole magnesium dihydrate and a novel polymorphic Form II of 5-methoxy-2- [[(4-methoxy-3, 5-dimethyl-2-pyridinyl) -methyl] thio] -1 H-benzimidazole.

No. of Pages: 33 No. of Claims: 25

(62) Divisional to Application Number

(21) Application No.423/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :12/02/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: PROCESS FOR PREPARING ATAZANAVIR SULPHATE

(51) International classification (31) Priority Document No	:C07D213/06 :NA	(71)Name of Applicant : 1)CIPLA LIMITED
(32) Priority Date	:NA	Address of Applicant :MUMBAI CENTRAL, MUMBAI-400
(33) Name of priority country	:NA	008, MAHARASHTRA. INDIA.
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)KANKAN, RAJENDRA NARAYANRAO
(87) International Publication No	: NA	2)PATHI, SRINIVAS LAXMINARAYAN
(61) Patent of Addition to Application Number	:NA	3)CHINIMILLI, VENUGOPALARAO
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention relates to a process for the preparation of Compound (A): wherein the process comprises contacting atazanavir base (Compound (II)) with sulphuric acid in a combination of two or more solvents and isolating compound (A). The present invention also relates to substantially pure Compound (A), and to Compound (A) devoid of mesityl oxide impurity. Mesityl oxide has the following formula:

No. of Pages: 27 No. of Claims: 30

(22) Date of filing of Application :24/03/2014 (43) Publication Date : 26/12/2014

(54) Title of the invention : IMPROVED PROCESS FOR PREPARING AN INTERMEDIATE OF THE MACROCYCLIC PROTEASE INHIBITOR TMC 435

(51) International classification	:C07D417/14	(71)Name of Applicant:
(31) Priority Document No	:11187025.9	1)JANSSEN PHARMACEUTICALS INC
(32) Priority Date	:28/10/2011	Address of Applicant :1125 Trenton Harbourton Road
(33) Name of priority country	:EPO	Titusville New Jersey 08560 U.S.A.
(86) International Application No	:PCT/IB2012/055900	(72)Name of Inventor:
Filing Date	:26/10/2012	1)HORVATH Andras
(87) International Publication No	:WO 2013/061285	2)WUYTS Stijn
(61) Patent of Addition to Application	:NA	3)DEPR‰ Dominique Paul Michel
Number	•= •= =	4)COUCK Wouter Louis J
Filing Date	:NA	5)CUYPERS Jozef Ludo Jan
(62) Divisional to Application Number	:NA	6)HARUTYUNYAN Syuzanna
Filing Date	:NA	7)BINOT Gregory Fabien Sebastien

(57) Abstract:

The present invention relates to an improved process for preparing (2R 3aR 10Z 11aS 2aR 14aR) cyclopenta[c]cyclopropa[g][1 6]diazacyclotetradecine 12a(1H) carboxylic acid 2 3 3a 4 5 6 7 8 9 11a 12 13 14 14a tetradecahydro 2 [[7 methoxy 8 methyl 2 [4 10 (1 methylethyl) 2 thiazolyl] 4 quinolinyl]oxy] 5 methyl 4 14 dioxo ethyl ester. This compound is an intermediate in the overall synthesis route of the macrocyclic compound TMC 435. TMC 435 is an inhibitor of NS3/4A protease which plays an important role in the replication of the hepatitis C virus.

No. of Pages: 32 No. of Claims: 17

(22) Date of filing of Application :26/02/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: SYSTEM FOR LOCATING RETAIL PRODUCTS USING A THREE-DIMENSIONAL MAP

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	G06F17/30, :61/603,974	(71)Name of Applicant: 1)CHANDRAPAL SINGH RAGHAV SHASHI Address of Applicant:73 BARONESS CRES TORONTO, ON M2J 3K4, CANADA. 2)SANDEEP SINGH (72)Name of Inventor: 1)CHANDRAPAL SINGH RAGHAV SHASHI 2)SANDEEP SINGH
(61) Patent of Addition to Application NumberFiling Date(62) Divisional to Application Number	:NA :NA :NA	
Filing Date	:NA	

(57) Abstract:

Information regarding products or merchandise in a facility is obtained using a touchscreen or a tablet or a mobile computing device or a smartphone (herein referred to in general as a terminal), information may be fed into the terminal by typing or voice recognition, and the terminal is able to generate search results indicating the aisle and sub-aisle numbers in which a product is located, the cost of the product, the number of such products in stock, and to show related advertising on the side, such as coupons and promotions, as well as a three dimensional map reaching from any chosen location to the destination (product location). A product or merchandise database may be linked to an inventory management system or business intelligent system of the facility or may be generated from an imported database (updated frequently from the inventory management system or business intelligent system of the facility). Also, a strip printer may be connected to the terminal for printing product information, aisle information and/or coupons.

No. of Pages: 24 No. of Claims: 21

(21) Application No.510/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :24/03/2014

(43) Publication Date: 26/12/2014

(54) Title of the invention: SUBSTITUTED PYRAZOLE ANALOGUES AS RAR ANTAGONISTS

(51) International :C07D231/12,C07D401/04,A61K31/4439 classification

(31) Priority Document :61/553597

No

(32) Priority Date :31/10/2011 (33) Name of priority :U.S.A.

country (86) International

:PCT/US2012/060995 Application No :19/10/2012 Filing Date

(87) International :WO 2013/066640 Publication No

(61) Patent of Addition :NA to Application Number :NA Filing Date

(62) Divisional to :NA **Application Number** :NA Filing Date

(71)Name of Applicant:

1)ELI LILLY AND COMPANY

Address of Applicant :Lilly Corporate Center Indianapolis

Indiana 46285 U.S.A.

(72)Name of Inventor: 1)BLEISCH Thomas John 2) COATES David Andrew 3)HUGHES Norman Earle

4) JONES Scott Alan 5)NORMAN Bryan Hurst

(57) Abstract:

The present invention provides compounds of Formula I or a pharmaceutical salt thereof; methods of treating osteoarthritis and the pain associated with osteoarthritis using the compounds; and processes for preparing the compounds.

No. of Pages: 66 No. of Claims: 27

(21) Application No.511/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :24/03/2014 (43) Publication Date: 26/12/2014

(54) Title of the invention: COMPOSITIONS OF EFAVIRENZ

(51) International classification :A61K9/51,A61K9/10,A61K9/19 (71)Name of Applicant:

(31) Priority Document No :1115633.8 (32) Priority Date :09/09/2011

(33) Name of priority country :U.K.

(86) International Application :PCT/GB2012/052208

No :07/09/2012 Filing Date

(87) International Publication No:WO 2013/034925

(61) Patent of Addition to :NA Application Number :NA Filing Date

(62) Divisional to Application :NA Number :NA Filing Date

1)THE UNIVERSITY OF LIVERPOOL

Address of Applicant : Foundation Building 765 Brownlow

Hill Liverpool L69 7ZX U.K.

(72)Name of Inventor:

1)GIARDIELLO Marco Norman 2)McDONALD Thomas Oliver

3)OWEN Andrew

4)RANNARD Steven Paul 5)MARTIN Philip John 6)SMITH Darren Lee

(57) Abstract:

The present inventions relates to a solid composition and an aqueous dispersion comprising nanoparticles of the anti retroviral drug efavirenz. The solid composition and aqueous dispersion additionally comprise a mixture of a hydrophilic polymer and a surfactant. The surfactant is selected from vitamin E polyethylene glycol succinate (Vit E PEG succinate) a polyoxyethylene sorbitan fatty acid ester N alkyldimethylbenzylammonium chloride sodium deoxycholate dioctyl sodium sulfosuccinate polyethyleneglycol 12 hydroxystearate polyvinyl alcohol (PVA) and a block copolymer of polyoxyethylene and polyoxypropylene or a combination thereof. The hydrophilic polymer is suitably selected from polyvinyl alcohol (PVA) a polyvinyl alcohol polyethylene glycol graft copolymer a block copolymer of polyoxyethylene and polyoxypropylene polyethylene glycol hydroxypropyl methyl cellulose (HPMC) and polyvinylpyrrolidone or a combination thereof. The present invention also relates to processes for preparing both the solid composition and the aqueous dispersion as well as to their use in therapy for the treatment and/or prevention of retroviral infections such as human immunodeficiency virus (HIV).

No. of Pages: 72 No. of Claims: 26

(19) INDIA

(22) Date of filing of Application :24/03/2014

(21) Application No.512/MUMNP/2014 A

(43) Publication Date: 26/12/2014

(54) Title of the invention: COMPOSITIONS OF LOPINAVIR

(51) International

:A61K9/19,A61K9/51,A61K31/536

classification

(31) Priority Document No :1115634.6 (32) Priority Date :09/09/2011

(33) Name of priority country: U.K.

(86) International Application :PCT/GB2012/052209 :07/09/2012

Filing Date

(87) International Publication :WO 2013/034926

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)THE UNIVERSITY OF LIVERPOOL

Address of Applicant : Foundation Building 765 Brownlow

Hill Liverpool L69 7ZX U.K. (72)Name of Inventor:

1)GIARDIELLO Marco Norman 2)McDONALD Thomas Oliver

3)OWEN Andrew

4)RANNARD Steven Paul

5)LONG James

6)MARTIN Philip John

7)SMITH Darren Lee

(57) Abstract:

The present invention relates to a solid composition and an aqueous dispersion comprising nanoparticles of the anti retroviral drug lopinavir. The solid composition and aqueous dispersion additionally comprise a mixture of a hydrophilic polymer and a surfactant. The surfactant is selected from vitamin E polyethylene glycol succinate (Vit E PEG succinate) a polyoxyethylene sorbitan fatty acid ester N alkyldimethylbenzylammonium chloride sodium deoxycholate dioctyl sodium sulfosuccinate polyethyleneglycol 12 hydroxystearate polyvinyl alcohol (PVA) and a block copolymer of polyoxyethylene and polyoxypropylene or a combination thereof. The hydrophilic polymer is suitably selected from polyvinyl alcohol (PVA) a polyvinyl alcohol polyethylene glycol graft copolymer a block copolymer of polyoxyethylene and polyoxypropylene polyethylene glycol hydroxypropyl methyl cellulose (HPMC) and polyvinylpyrrolidone or a combination thereof. The present invention also relates to processes for preparing both the solid composition and the aqueous dispersion as well as to their use in therapy for the treatment and/or prevention of retroviral infections such as human immunodeficiency virus (HIV).

No. of Pages: 66 No. of Claims: 25

(12) TATENT ATTEICATION TOBLICATION

(22) Date of filing of Application :27/03/2014 (43) Publication Date : 26/12/2014

(54) Title of the invention: ELECTRIC TOOTHBRUSH

(51) International classification :A61C17/26,2 (31) Priority Document No :P-396377 (32) Priority Date :19/09/2011 (33) Name of priority country :Poland

(86) International Application No :PCT/EP2012/067940

Filing Date :13/09/2012 (87) International Publication No :WO 2013/041438

(61) Patent of Addition to Application
Number
Filing Date
(62) Divisional to Application Number
Filing Date
:NA
Filing Date
:NA

:A61C17/26,A61C17/22 (71)Name of Applicant :

1)KILUK Sebastian

(21) Application No.555/MUMNP/2014 A

Address of Applicant :Zakliczyn 462 PL 32 406 Zakliczyn

Poland

(72)Name of Inventor:

1)KILUK Sebastian

(57) Abstract:

(19) INDIA

The invention relates to an electric toothbrush comprising a handle and a head movable with respect to said handle and provided with a rotating working element having at least one brush said working element located out of the geometric axis of said handle said electric toothbrush having in addition an electric motor for driving the working element in a rotary movement in a clockwise or counterclockwise direction and having a motor rotation direction switch coupled functionally with the head and the handle characterized in that the head (2) (15) is joined with the handle (1) by a rotating coupling and the working element (3) (16) is mounted in the head (2) (15) and located out of the rotation axis of the head (2) (15) with respect to the handle (1) wherein the head (2) (15) and the handle (1) are coupled with resilient technical means (10) (19) enabling after exertion of the torque to the head (2) to rotate the head (2) (15) with respect to the handle (1) into the left or the right position in which position the motor rotation direction switch turns on the motor (5) (25) in the clockwise or counterclockwise rotation direction and after release of said torque said resilient technical means (10) (19) enable to maintain the head (2) (15) in a standby position relative to the handle (1) in which position the motor rotation direction switch coupled with the head (2) (15) and the handle (1) turns off the motor (5) (25).

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

(21) Application No.502/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :21/03/2014 (43) Publication Date : 26/12/2014

(54) Title of the invention: REAL TIME COMMUNICATIONS METHODS PROVIDING PAUSE AND RESUME FUNCTIONALITY AND RELATED DEVICES

(51) International classification :H04L29/06,H04l (31) Priority Document No :61/549947 (32) Priority Date :21/10/2011 (33) Name of priority country :U.S.A.

(86) International Application No :PCT/IB2012/000204 Filing Date :06/02/2012

(87) International Publication No :WO 2013/057548

(61) Patent of Addition to Application
Number
Filing Date
(62) Divisional to Application Number
Filing Date
:NA
:NA
:NA

:H04L29/06,H04N21/00 (71)**Name of Applicant :**

1)TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)

Address of Applicant :Torshamnsgatan 23 S 164 83

Stockholm Sweden
(72)Name of Inventor:
1)GR-NDAL Eric Daniel
2)AKRAM Muhammad Azam

3)BURMAN Bo

4)WESTERLUND Magnus

(57) Abstract:

Operating a receiver communication device (111b) during a real time communication session including a real time media content data stream (101a) provided by another communication device may include receiving the real time media content data stream of the communication session from the other communication device (111a) wherein packets of the real time media content data stream include an identification of the real time media content data stream. A pause request (103) may be transmitted from the receiver communication device to the other communication device with the pause request including the identification of the real time media content data stream and a pause request sequence number. After transmitting the pause request a pause acknowledge message (105) may be received from the other communication device with the pause acknowledge message including the identification of the real time media content data stream and the pause request sequence number. Related devices and methods are also discussed.

No. of Pages: 50 No. of Claims: 32

(21) Application No.547/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :26/03/2014 (43) Publication Date : 26/12/2014

(54) Title of the invention: V BELT FOR TRANSMITTING HIGH LOAD

(51) International classification	:F16G5/16,F16G5/06	(71)Name of Applicant:
(31) Priority Document No	:2012-061570	1)BANDO CHEMICAL INDUSTRIES LTD.
(32) Priority Date	:19/03/2012	Address of Applicant :6 6 Minatojima Minamimachi 4 chome
(33) Name of priority country	:Japan	Chuo ku Kobe shi Hyogo 6500047 Japan
(86) International Application No	:PCT/JP2013/001771	(72)Name of Inventor:
Filing Date	:15/03/2013	1)DOI Ikuhito
(87) International Publication No	:WO 2013/140771	2)NISHIKAWA Takashi
(61) Patent of Addition to Application	:NA	3)KIDO Ryuichi
Number	:NA	4)SAKANAKA Hiroyuki
Filing Date	.11/1	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

In a belt (C) for transmitting high load a ratio (B/A) in the thickness direction of the belt (C) is no less than 4.0 where (A) is the dimension from the center of core wire embedment positions in a tension band (10) to a lower end of an upper pulley contact surface (22) at the side surfaces of corresponding blocks (20) and (B) is the dimension from the center of the core wire embedment positions to an upper end of the upper pulley contact surface (22). A dimension (G) from the center of the core wire embedment positions to the center of the upper pulley contact surface (22) is no more than 2.3 mm.

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

(21) Application No.548/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :26/03/2014 (43) Publication Date: 26/12/2014

(54) Title of the invention: DUST AND WATERPROOF SWITCH

(51) International classification :B60R22/48,B60R21/015 (71)Name of Applicant :

(31) Priority Document No :20 2012 001 867.1 (32) Priority Date :27/02/2012

(33) Name of priority country :Germany

:PCT/DE2013/000070 (86) International Application No Filing Date :08/02/2013

(87) International Publication No :WO 2013/127377

(61) Patent of Addition to Application :NA :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

1)EAO AUTOMOTIVE GMBH & CO. KG

Address of Applicant :Richard Wagner Strasse 3 08209

Auerbach Germany (72)Name of Inventor: 1)EBERT Bernd

(57) Abstract:

Dust and waterproof switch particularly for a belt lock of motor vehicle restraint systems for indicating that the belt tongue is inserted into the belt lock and correctly locked having two contact plates (5 6) consisting of one fixed contact plate (5) and one spring contact plate (6) wherein the contact generating regions of the contact plates (5 6) are arranged in a housing interior (2) of the switch housing (1) protected against foreign matter and the contact can be switched by moving a slide (4) in a channel (3) arranged to the side of the housing interior (2) wherein the spring contact plate is deflected via the actuating shackle (7) which is pivotably mounted at one end in the switch housing (1) and at the other end penetrates the side of the housing interior (2) facing the channel by means of the bend (13).

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

(19) INDIA

(22) Date of filing of Application :26/03/2014 (43) Publication Date : 26/12/2014

(54) Title of the invention: PRINTABLE FILM

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country 	:1116633.7 :27/09/2011 :U.K.	(71)Name of Applicant: 1)INNOVIA FILMS LIMITED Address of Applicant: Station Road Wigton Cumbria CA7 9BG U.K.
 (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:PCT/GB2012/052396 :27/09/2012 :WO 2013/045930 :NA :NA	(72)Name of Inventor: 1)READ Simon James 2)CARRUTHERS David
(62) Divisional to Application Number Filing Date	:NA :NA	

(21) Application No.549/MUMNP/2014 A

(57) Abstract:

This invention concerns a process for producing a printable film comprising: providing a web of film; at a first location subjecting at least a first surface of the film web to a modified atmosphere dielectric barrier discharge (MADBD) treatment; winding the film web onto a reel; transporting the wound film web to a second location; unwinding the film web from the reel; and subjecting the first surface of the film to corona treatment. The invention also concerns printed films obtainable by the process of the invention and articles of packaging and/or labelling made from such films.

No. of Pages: 19 No. of Claims: 21

(19) INDIA

(22) Date of filing of Application :25/03/2014 (43) Pub

(43) Publication Date: 26/12/2014

(21) Application No.520/MUMNP/2014 A

(54) Title of the invention: SAFETY HEAD

(51) International classification :F16K17/40,F16K17/16 (71)Name of Applicant : (31) Priority Document No 1)BS&B SAFETY SYSTEMS LIMITED :61/573126 Address of Applicant :Bay G 1 Raheen Industrial Est. Raheen (32) Priority Date :08/09/2011 (33) Name of priority country County Limerick Ireland :U.S.A. (86) International Application No :PCT/US2012/054297 (72)Name of Inventor: 1)TOMASKO John Filing Date :07/09/2012 (87) International Publication No :WO 2013/036858 2)BRAZIER Geoffrey

(61) Patent of Addition to Application
Number
Filing Date
(62) Divisional to Application Number
Filing Date
:NA
Filing Date
:NA

•

(57) Abstract:

A safety head is disclosed. More particularly a safety head comprising a circular flange portion and at least one protrusion is disclosed wherein the at least one protrusion has a face exhibiting a blended radius of curvature. The circular flange portion may be thicker than the at least one protrusion. A safety head assembly is also disclosed wherein the safety head assembly comprises an inlet safety head and an outlet safety head. Additionally a safety head assembly is disclosed wherein the inlet safety head comprises a peripheral protrusion the outlet safety head comprises a peripheral protrusion and a clamp ring is configured to engage with the peripheral protrusions.

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

(21) Application No.521/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :25/03/2014

(43) Publication Date: 26/12/2014

(54) Title of the invention: SELF ADJUSTING HEAD RESTRAINT

(51) International classification	:B60N2/30,B60N2/48	(71)Name of Applicant :
(31) Priority Document No	:61/552704	1)CHRYSLER GROUP LLC
(32) Priority Date	:28/10/2011	Address of Applicant :CIMS 483 02 19 800 Chrysler Drive
(33) Name of priority country	:U.S.A.	East Auburn Hills Michigan 48326 2757 U.S.A.
(86) International Application No	:PCT/US2012/061551	(72)Name of Inventor:
Filing Date	:24/10/2012	1)RAJA K Mahendra
(87) International Publication No	:WO 2013/063016	2)SUBRAMANIAN Kannan
(61) Patent of Addition to Application	:NA	3)KANAKARAJ Manoranjan
Number	:NA	
Filing Date	.11/1	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A vehicle seat may include a seat bottom (12) a seatback (14) and a head restraint (16). The seatback (14) may engage the seat bottom and may be movable relative thereto between a normal use position and a second position. The head restraint (16) may be coupled to the seatback and may include front and rear portions (34; 36) attached to each other for relative movement therebetween. The front and rear portions (34; 36) may define a first thickness when the seatback is in the normal use position and a second thickness when the seatback is in the second position.

No. of Pages: 32 No. of Claims: 20

(21) Application No.561/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application: 27/03/2014

(43) Publication Date: 26/12/2014

(54) Title of the invention: A NEW POLYETHYLENE

(51) International classification	:C08F110/02	(71)Name of Applicant :
(31) Priority Document No	:11192715.8	1)BOREALIS AG
(32) Priority Date	:09/12/2011	Address of Applicant :IZD Tower Wagramerstrae 17 19 A
(33) Name of priority country	:EPO	1220 Vienna Austria
(86) International Application No	:PCT/EP2012/005073	(72)Name of Inventor:
Filing Date	:07/12/2012	1)NUMMILA PAKARINEN Auli
(87) International Publication No	:WO 2013/083285	2)SULTAN Bernt Ake
(61) Patent of Addition to Application	:NA	3)VOIGT Bjrn
Number	:NA	4)ANKER Martin
Filing Date	.IVA	5)BERGQVIST Mattias
(62) Divisional to Application Number	:NA	6)GKOURMPIS Thomas
Filing Date	:NA	7)HJERTBERG Thomas

(57) Abstract:

The present invention relates to a low density polyethylene having a molecular weight distribution Mw/Mn which is greater than 15 a storage modulus G (5kPa) which is above 3000 and a vinylidene content which is at least 15 / 100k C compositions a process for production of the low density polyethylene a continuous ethylene polymerization method for introducing vinylidene in a low density polyethylene a method for an extrusion coating process an article e.g. an extrusion article and use in extrusion coating.

No. of Pages: 32 No. of Claims: 18

(22) Date of filing of Application :27/03/2014 (43) Publication Date : 26/12/2014

(54) Title of the invention : FLEXIBLE ARCHITECTURE FOR LOCATION BASED CROWDSOURCING OF CONTEXTUAL DATA

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:03/10/2011 :WO 2013/048542 :NA	(71)Name of Applicant: 1)QUALCOMM INCORPORATED Address of Applicant: Attn: International IP Administration 5775 Morehouse Drive San Diego CA 92121 1714 U.S.A. (72)Name of Inventor: 1)KHORASHADI Behrooz 2)DAS Saumitra Mohan 3)GUPTA Rajarshi
· /	:NA :NA	3)GUPTA Rajarsni
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A system for the collection aggregation and analysis of location based crowd sourcing data includes a server that controls the distribution of crowd sourcing requests and workloads to a plurality of external mobile platforms. The server receives crowd sourcing queries from multiple parties and provides measurement requests to the mobile platforms e.g. based on the location of the mobile platforms. Upon receipt of the measured contextual data from the mobile platforms the server distributes information such as the raw measured contextual data or an analysis of the measured contextual data to the appropriate requesting parties in a secure manner. The mobile platform may receive a plurality of measurement requests from a remote server based on crowd sourcing queries from a plurality of parties. The mobile platform may measure and provide to the remote server contextual data in response to the plurality of measurement requests.

No. of Pages: 36 No. of Claims: 46

(22) Date of filing of Application :18/01/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: METHOD AND SYSTEM FOR ASSISTING CUSTOMERS IN RETAIL STORES

(51) International classification	:G06Q 30/00	(71)Name of Applicant: 1)TATA CONSULTANCY SERVICES LIMITED
(31) Priority Document No	:NA	Address of Applicant :Nirmal Building, 9th Floor, Nariman
(32) Priority Date	:NA	Point, Mumbai, 400021 Maharashtra India
(33) Name of priority country	:NA	(72)Name of Inventor:
(86) International Application No	:NA	1)RAMASWAMY, Satyanarayanan
Filing Date	:NA	2)SEHGAL, Gitanjali Gulve
(87) International Publication No	: NA	3)IDNANI, Ajaykumar
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(57) A1 t t .		·

(57) Abstract:

Methods and systems for assisting customers in retail stores are described. The method comprises obtaining one or more assistance requests from a customer mobile device (104). The one or more assistance requests include customer device location and assistance information. Further, the assistance information includes at least one of a customer image, a text message, a video, and an audio. The method further comprises analyzing the one or more assistance requests to obtain assistance details. The assistance details include customer data and store associate data. Further, the method comprises transmitting the customer data and the store associate data to store associate mobile devices (106) and the customer mobile device (104) respectively for assisting the customer.

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

(21) Application No.508/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :24/03/2014 (43) Publication Date: 26/12/2014

(54) Title of the invention: THERMALLY TOLERANT PERPENDICULAR MAGNETIC ANISOTROPY COUPLED ELEMENTS FOR SPIN TRANSFER TORQUE SWITCHING DEVICE

(51) International :G11C11/15,G11C11/16,H01L43/08

classification

(31) Priority Document No :61/537778 :22/09/2011 (32) Priority Date (33) Name of priority country: U.S.A.

(86) International Application :PCT/US2012/056779

No :22/09/2012 Filing Date

(87) International Publication :WO 2013/044190

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to :NA **Application Number** :NA Filing Date

(71)Name of Applicant:

1)OUALCOMM INCORPORATED

Address of Applicant : Attn: International Ip Administration 5775 Morehouse Drive San Diego California 92121 U.S.A.

(72)Name of Inventor: 1)CHEN Wei Chuan

2)LEE Kangho 3)ZHU Xiaochun

4)KANG Seung H.

(57) Abstract:

Perpendicular magnetic anisotropy (PMA) type magnetic random access memory cells are constructed with a composite PMA layer to provide a magnetic tunnel junction (MTJ 102) with an acceptable themial barrier. A PMA coupling layer (110) is deposited between a first PMA layer (108) and a second PMA layer (112) to form the composite PMA layer. The composite PMA layer may be incorporated in PMA type MRAM cells or in plane type MRAM cells.

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

(21) Application No.509/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :24/03/2014 (43) Publication Date : 26/12/2014

(54) Title of the invention: DPF PM ACCUMULATION QUANTITY ESTIMATION 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 	:F01N3/023 :2011-251049 :16/11/2011 :Japan :PCT/JP2012/076589 :15/10/2012 :WO 2013/073326 :NA :NA :NA	(71)Name of Applicant: 1)MITSUBISHI HEAVY INDUSTRIES LTD. Address of Applicant:16 5 Konan 2 chome Minato ku Tokyo 1088215 Japan (72)Name of Inventor: 1)SASE Ryo 2)TAKAYANAGI Ko 3)OKUDA Keisuke
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(57) Abstract:

A PM accumulation quantity estimation device provided with an exhaust quantity computation means (51) for computing PM exhaust quantity which is discharged in an exhaust gas path (3) and a natural reuse quantity computation means (52) for computing a PM reuse quantity in a DPF (7) which is naturally reused is configured to estimate the PM accumulation quantity in a PM accumulation quantity estimation means (50) in the DPF (7) from the difference between the PM exhaust quantity which is computed with the exhaust quantity computation means (51) and the PM reuse quantity which is computed with the natural reuse quantity computation means (52). The PM accumulation quantity estimation device is further configured such that if a malfunction is found in an airflow meter (31) the PM reuse quantity from NO is computed and the PM accumulation quantity in the DPF estimated without using the airflow quantity which is measured with the airflow meter (31).

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

(22) Date of filing of Application :25/04/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: APPARATUS AND METHOD FOR RAPIDLY CHARGING BATTERIES

(51) International classification	:H02J7/04,H01M10/46	(71)Name of Applicant:
(31) Priority Document No	:61/405829	1)NUCLEUS SCIENTIFIC INC.
(32) Priority Date	:22/10/2010	Address of Applicant :6 Oakdale Lane Lincoln MA 01773
(33) Name of priority country	:U.S.A.	U.S.A
(86) International Application No	:PCT/US2011/057338	(72)Name of Inventor:
Filing Date	:21/10/2011	1)HUNTER Ian
(87) International Publication No	:WO 2012/054864	2)LAFONTAINE Serge R.
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.IVA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

An apparatus and methods for ultra fast charging one or more batteries including for example lithium ion batteries. A charging current is determined by optimization of a model based on functions of a set of internal state variables associated with a battery and a set of model parameters or nonparametric data characterizing the battery. Instantaneous internal state variables are determined and an optimized charging current is applied to the battery subject to a set of battery specific constraints. Internal state variables are updated recursively based on behavior of the battery under charge as well as the behavior stored in a database or acquired via a network of cognate batteries.

No. of Pages: 39 No. of Claims: 29

(22) Date of filing of Application :22/03/2014 (43) Publication Date : 26/12/2014

(54) Title of the invention: DRESSING METHOD FOR DRUM SHAPED GEAR LIKE GRINDSTONE AND DISK DRESSER

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:B24B53/075 :2011-256980 :25/11/2011 :Japan :PCT/JP2012/053909 :20/02/2012 :WO 2013/077005 :NA :NA :NA	(71)Name of Applicant: 1)MITSUBISHI HEAVY INDUSTRIES LTD. Address of Applicant:16 5 Konan 2 chome Minato ku Tokyo 1088215 Japan (72)Name of Inventor: 1)YANASE Yoshikoto 2)OCHI Masashi 3)NAKAMICHI Yasuhiro
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(57) Abstract:

The purpose of the present invention is to provide a disk dresser and a dressing method for a drum shaped gear like grindstone that enables high precision dressing of a drum shaped gear like grindstone and enables the shape of the cutting teeth of the gear like grindstone to be changed without changing the shape of the cutting teeth of the disk dresser. In order to achieve the foregoing in a dressing method in which a drum shaped gear like grindstone (12) that grinds a workpiece (W) is brought into linear contact with the workpiece (W) so as to link with the contours of the tooth right angle cross section orthogonal to the twist direction of the workpiece teeth (Wa) and the gear like grindstone (12) and a disk dresser (14) in an engaged state are caused to rotate synchronously thereby causing the drum shaped gear like grindstone (12) to be dressed by the disk dresser (14) the disk dresser (14) blade shape is made to match the tooth right angle cross section shape of the teeth (Wa) of the ground workpiece (W) the gear like grindstone (12) and the disk dresser (14) are caused to move and revolve in accordance with the drum shape and the angle of twist of the gear like grindstone (12).

No. of Pages: 21 No. of Claims: 3

(21) Application No.506/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :22/03/2014 (43) Publication Date : 26/12/2014

(54) Title of the invention: DEVICE FOR APPLYING DECORATIONS TO CONTAINERS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:B41J11/00,B41J3/407 :10 2011 119 169.4 :23/11/2011 :Germany :PCT/EP2012/004360 :18/10/2012 :WO 2013/075774 :NA :NA	(71)Name of Applicant: 1)KHS GMBH Address of Applicant: Juchostrasse 20 44143 Dortmund Germany (72)Name of Inventor: 1)PRECKEL Katrin 2)REINIGER Markus 3)SCHACH Martin
Filing Date	:NA	

(57) Abstract:

The invention relates to a device for applying decorations to containers by printing having a container transport system and having at least one processing position on the container transport system at which the containers are each provided with at least one base coat on which the printing of the containers can then take place.

No. of Pages: 28 No. of Claims: 17

(21) Application No.551/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application: 27/03/2014 (43) Publication Date: 26/12/2014

(54) Title of the invention: A METHOD AND SYSTEM OF DETERMINING AN INERTIAL SENSOR ORIENTATION OFFSET

(51) International :G01P21/00,G01C25/00,G06F19/00 classification

(31) Priority Document No :2011903631 (32) Priority Date :06/09/2011

(33) Name of priority country: Australia (86) International Application :PCT/AU2012/001010

:29/08/2012

Filing Date

(87) International Publication: WO 2013/033756 No

(61) Patent of Addition to :NA **Application Number** :NA

Filing Date (62) Divisional to Application :NA Number :NA

Filing Date

(71)Name of Applicant:

1)LEICA GEOSYSTEMS AG

Address of Applicant : Heinrich Wild Strasse CH 9435

Heerbrugg Switzerland (72)Name of Inventor: 1)DUSHA Damien 2)DALE Paul

(57) Abstract:

Inertial sensors are typically mounted at an angular offset relative to a chassis such as a vehicle chassis or electronic device chassis. This offset can influence the measurements of the angular orientation of said chassis derived from inertial sensors. There is provided a method of determining a sensor orientation offset relative to a chassis by obtaining a first inertial sensor measurement rotating the chassis approximately 180° obtaining a second inertial sensor measurement; and then determining the offset from the two inertial sensor measurements.

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

(22) Date of filing of Application :10/01/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: MANAGEMENT OF MOBILE APPLICATIONS IN COMMUNICATION NETWORKS

(51) International classification (31) Priority Document No (32) Priority Date (32) No. 100 Care	:NA :NA	(71)Name of Applicant: 1)TATA CONSULTANCY SERVICES LIMITED Address of Applicant: Nirmal Building, 9th Floor, Nariman
(33) Name of priority country(86) International Application No	:NA :NA	Point, Mumbai, 400021, Maharashtra India (72)Name of Inventor:
Filing Date (87) International Publication No	:NA : NA	1)PULIPAKKAM, Srinivasan 2)HANSEN, Andrew
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Method and system for management of applications in communication networks are described. The method comprises classifying a plurality of users into one or more user groups based on a user assignment information, where the user assignment information includes at least one of a field of work, a designation, an operating system of a user device of a user, and an access level of the user. The method further comprises assigning a version of a mobile application to each of the user groups based on the one or more user groups. Further, the method comprises providing the version of the mobile application to each of the plurality of the users of the one or more user groups.

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

(21) Application No.91/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :10/01/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: A PROCESS FOR PREPARING PHARMACEUTICALLY ACCEPTABLE SALT OF SAXAGLIPTIN

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:A61K31/40, A01N43/38 :NA :NA :NA :NA	(71)Name of Applicant: 1)WOCKHARDT LIMITED Address of Applicant:WOCKHARDT LIMITED D-4, MIDC Area, Chikalthana, Aurangabad Maharashtra India (72)Name of Inventor: 1)Reddy, Naveen 2)Raut, Vivek Thakaram
 (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)Kumar, Mukesh 4)Rao, Bhatraju Srinivasa 5)Deo,Keshav

⁽⁵⁷⁾ Abstract:

The present invention relates to a process for the preparation intermediate of Saxagliptin, amide compound of Formula II, and its conversion to pharmaceutically acceptable salt Saxagliptin. Formula II

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

(21) Application No.424/MUMNP/2014 A

Tokyo 1068620 Japan

1)TANAKA Seiji

(72)Name of Inventor:

Address of Applicant: 26 30 Nishiazabu 2 chome Minato ku

(19) INDIA

(22) Date of filing of Application :10/03/2014 (43) Publication Date : 26/12/2014

(54) Title of the invention : DEVICE METHOD AND PROGRAM FOR IMAGE PROCESSING RECORDING MEDIUM AND IMAGING DEVICE

(51) International classification :H04N9/07,G06T5/00,G06T5/20 (71)Name of Applicant : (31) Priority Document No :2011-215057 1)FUJIFILM Corporation

(32) Priority Date :29/09/2011 (33) Name of priority country :Japan

(33) Name of priority country :Japan (86) International Application No:PCT/JP2012/065837 Filing Date :21/06/2012

(87) International Publication No :WO 2013/046828

(61) Patent of Addition to Application Number :NA Filing Date :NA

(62) Divisional to Application
Number
:NA

Number :NA Filing Date

(57) Abstract:

An image processing method according to an embodiment of the present invention comprises: a step for acquiring an image captured by an image capturing means comprising an image capturing element having a pixel structure in which M - N (M N: integers of 2 or more) pixels are repeated; (a) a step for setting a pixel of interest within the acquired image and for extracting K - L (K L: integers satisfying M < K N < L) pixels using the pixel of interest as a reference; (b) a step for calculating the pixel value of the pixel of interest by calculation using a K - L sized filter in which predetermined filter coefficients are arranged; and a step for repeatedly executing the step (a) and the step (b) while moving the pixel of interest one by one in the acquired image.

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

(21) Application No.47/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :10/01/2014 (43) Publication Date : 26/12/2014

(54) Title of the invention: TETRAVALENT PLATINUM COMPLEX AND PHARMACEUTICAL COMPOSITION

CONTAINING SAME

(51) International classification :C07C211/38,A61K31/282,A61P35/00

classification

(31) Priority Document No :2011-156527

(32) Priority Date

:15/07/2011

(33) Name of priority country

:Japan

(86) International Application No

:PCT/JP2012/067471

Filing Date

:09/07/2012

(87) International

:WO 2013/011858

Publication No

(61) Patent of Addition to Application Number :NA :NA

Filing Date (62) Divisional to

(62) Divisional to
Application Number :NA
:NA

Filing Date

(71)Name of Applicant :

1)UNITECH CO. LTD.

Address of Applicant :367 2 Kashiwa Kashiwa shi Chiba

2770005 Japan

(72)Name of Inventor:

1)ARAI Hisae 2)KONDO Hisao

3)MASUDA Norio

(57) Abstract:

[Problem] To provide a novel tetravalent platinum complex characterized by having a high anti tumor activity on malignant tumors and has relatively reduced adverse side effects. [Solution] A tetravalent platinum dichloromalonic acid salt complex characterized by having cis cis spiro[4 4]nonane 1 6 diamine or an optical active diamine thereof particularly (S S S) cis cis spiro[4 4]nonane 1 6 diamine represented by formula (G) as a ligand.

No. of Pages: 27 No. of Claims: 8

(21) Application No.519/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :24/03/2014 (43) Publication Date: 26/12/2014

(54) Title of the invention: COMPOSITIONS OF POLYHYDRIC ALCOHOLS AND POLYAMIDES

(51) International classification: C08L77/00, C08K5/053, C08K5/06 (71) Name of Applicant:

:30/08/2012

(31) Priority Document No :61/529418 (32) Priority Date :31/08/2011

(33) Name of priority country: U.S.A.

(86) International Application :PCT/US2012/052974

Filing Date

(87) International Publication

:WO 2013/033287

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to Application :NA Number :NA Filing Date

(57) Abstract:

1)INVISTA TECHNOLOGIES S.A R.L.

Address of Applicant : Zweigniederlassung St. Gallen Kreuzackerstrasse 9 CH 9000 St. Gallen Switzerland

(72)Name of Inventor: 1)MATHUR Sumit 2)ELKOVITCH Mark 3)GOPAL Vikram 4)BHATIA Rajeev S.

The present invention relates to a thermoplastic composition that provides improved thermal aging stability along with durability. The thermoplastic composition comprises a polyamide resin and a polyhydric alcohol wherein a majority of the polyhydric alcohol particles have a particle size that is less than about 70 microns. It has been found that a combination of a polyamide resin and a polyhydric alcohol with this particle size produces a superior product demonstrating greater thermal stability and durability than the polyamide resin alone.

No. of Pages: 42 No. of Claims: 70

(21) Application No.559/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application: 27/03/2014 (43) Publication Date: 26/12/2014

(54) Title of the invention: COMPOSITIONS COMPRISING SALBUTAMOL SULPHATE

(51) International :A61K31/137,A61K9/00,A61P11/06 classification

(31) Priority Document No :1117621.1 (32) Priority Date :12/10/2011

(33) Name of priority country: U.K.

(86) International :PCT/GB2012/052542 Application No

:12/10/2012 Filing Date

(87) International Publication :WO 2013/054135

No (61) Patent of Addition to

:NA **Application Number** :NA Filing Date

(62) Divisional to :NA **Application Number** Filing Date

:NA

(71)Name of Applicant:

1)MEXICHEM AMANCO HOLDING S.A. DE C.V.

Address of Applicant : Rio san Javier No. 10 Fraccionamiento Viveros del Rio Tlalnepantla Mexico Estado de Mexico C.P.

54060 Mexico

(72)Name of Inventor: 1)CORR Stuart

2)NOAKES Timothy James

(57) Abstract:

A surfactant free pharmaceutical composition is described. The composition consists essentially of: (a) a drug component consisting of salbutamol sulphate; and (b) a propellant component consisting essentially of 1 1 difluoroethane (R 152a). A method for preparing the pharmaceutical composition is also described. The pharmaceutical composition can be delivered using a metered dose inhaler (MDI).

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

(22) Date of filing of Application :25/04/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention : APPARATUS AND PROCESS FOR MEASUREMENT OF LEADING EDGE CONTOUR OF WIND TURBINE BLADES

(51) International classification	:F03D (71)Name of Applicant : 11/02, F03D Address of Applicant :UNIT NO. 6, BLO	CK NO. 93,
(4) 51 1 5	9/00 VILLAGE: VADASALA - VARNAMA, N.F	1.NO.8, DISTRICT
(31) Priority Document No	:NA VADODARA - 391242, GUJARAT, INDIA	
(32) Priority Date	:NA (72)Name of Inventor :	
(33) Name of priority country	:NA 1)MUKESH VINAYAK PATIL	
(86) International Application No	:NA 2)PREM E J BABU	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

An apparatus and a process for measurement of leading edge contour of wind turbine blade are described. The apparatus includes a template, a pair of clamps, a plurality of pins, a plurality of sticks, and a stick holder. The leading edge measurement apparatus is positioned on a blade with the help of the alignment pins and predefined marks on the blade. A current profile is developed on a graph in association with the position of sticks. The current profile is compared with a standard profile to decide if the leading edge lies in predefined tolerances.

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

(22) Date of filing of Application :19/01/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: SYSTEMS AND METHODS FOR MANAGING COMMUNICATION DEVICE CAPABILITIES

(51) International classification	:H04W88/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)TATA CONSULTANCY SERVICES LIMITED
(32) Priority Date	:NA	Address of Applicant :Nirmal Building, 9th Floor, Nariman
(33) Name of priority country	:NA	Point, Mumbai, 400021 Maharashtra India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)PULIPAKKAM, Srinivasan
(87) 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 a method for managing capabilities of a communication device. In one implementation, the method comprises communicating, by the communication device, with a stationary device provided at a predetermined location using a short distance communication protocol. The method further comprises obtaining one or more device management policies associated with the predetermined location. The method further comprises implementing the device management policies for controlling usage of one or more capabilities of the communication device at the predetermined location.

No. of Pages: 37 No. of Claims: 20

(22) Date of filing of Application :27/02/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: A CATALYST FOR THE PRODUCTION OF FATTY ACID ALKYL ESTERS

(51) International classification	:C07C67/03, C07B61/00,	(71)Name of Applicant: 1)TATA CHEMICALS LTD.
(21) P P	C07C69/58,	Address of Applicant :BOMBAY HOUSE, 24 HOMI MODI
(31) Priority Document No	:NA	STREET, MUMBAI-400001 Maharashtra India
(32) Priority Date	:NA	(72)Name of Inventor:
(33) Name of priority country	:NA	1)KYATANAHALLI SRINIVASA NAGABHUSHANA
(86) International Application No	:NA	2)NAWALKISHOR MAL
Filing Date	:NA	3)TUSHAR SHINDE
(87) International Publication No	: NA	4)SUSHIL DAPURKAR
(61) Patent of Addition to Application Number	:NA	5)RAJIV KUMAR
Filing Date	:NA	
(62) Divisional to Application Number	:1644/MUM/2009	
Filed on	:14/07/2009	

(57) Abstract:

The document relates to a catalyst composite for the production of fatty acid alkyl esters having a C5 to C10 alkyl chain from a feedstock including one or more fatty acid glycerol esters or one or more fatty acids or a mixture thereof The catalyst composite comprises of a nano composite catalyst having a particle size in the range of 5 nm to 1000 nm and comprising of oxides, mixed oxides, silicates or sulphates of one or more of silica, alumina, calcium and iron.

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

(22) Date of filing of Application :25/01/2013

(43) Publication Date: 26/12/2014

(54) Title of the invention : ORAL PHARMACEUTICAL COMPOSITION COMPRISING FENOFIBRIC ACID OR DERIVATIVE THEREOF

	:A61K9/16,	(71)Name of Applicant:
(51) International classification	A61K9/22,	1)Micro Labs Limited
	A61K31/192	Address of Applicant :CTS No. 73, Saki Estate, Off
(31) Priority Document No	:NA	Chandivali Road, Chandivali, Kurla (W), Mumbai 400 072,
(32) Priority Date	:NA	Maharashtra India
(33) Name of priority country	:NA	(72)Name of Inventor:
(86) International Application No	:NA	1)SURVE, Pradeep G.
Filing Date	:NA	2)MANDPE, Pankaj S.
(87) International Publication No	: NA	3)JADHAV, Prakash A.
(61) Patent of Addition to Application Number	:NA	4)MAMIDWAR, Sashin S.
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		-

(57) Abstract:

The present invention relates to oral pharmaceutical compositions comprising active Choline Fenofibrate optionally with one or more pharmaceutically acceptable excipient(s), wherein the said active agent is not essentially present in core composition and is devoid of molecular dispersion. The present invention also provides process for the preparation of such compositions.

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

(21) Application No.40/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :10/01/2014 (43) Publication Date : 26/12/2014

(54) Title of the invention: SENSOR BASED USER INTERFACE 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 	:61/515263 :04/08/2011 :U.S.A.	(71)Name of Applicant: 1)QUALCOMM Incorporated Address of Applicant: ATTN: International IP Administration 5775 Morehouse Drive San Diego California 92121 1714 U.S.A. (72)Name of Inventor: 1)SHEYNBLAT Leonid 2)LARKIN John T. 3)CHANDRA Deepak R.
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(57) Abstract:

Methods and devices for sensor based user interface control are disclosed. In one embodiment a method for determining a characteristic of handedness includes sensing a rotation of a mobile device determining a direction of rotation based at least in part on accessing information indicative of a first position state prior to sensing the rotation and accessing information indicative of a second position state subsequent to sensing the rotation and determining the characteristic of handedness based at least in part on the direction of rotation the first position state and the second position state. The characteristic of handedness includes one of a left handedness or right handedness. The method further includes determining a user interface mode based on the determined characteristic of handedness and controlling the mobile device in accordance with the determined user interface mode.

No. of Pages: 45 No. of Claims: 43

(21) Application No.44/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :10/01/2014 (43) Publication Date : 26/12/2014

(54) Title of the invention: ACCELEROMETER AUTOCALIBRATION IN A MOBILE DEVICE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:G01P21/00 :13/191967 :27/07/2011 :U.S.A. :PCT/US2012/048047 :25/07/2012 :WO 2013/016378 :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)CZOMPO Joseph
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(57) Abstract:

Methods and apparatus for accelerometer autocalibration in a mobile device are provided. In an example a signal is received from the accelerometer. A substantially constant state of the signal such as that caused by a freefall of the accelerometer is detected. When the signal remains in the substantially constant state for at least a predetermined period of time the signal s noise level is measured. A compensating signal based upon the measured noise level is determined and can be output to the accelerometer thus compensating the accelerometer to mitigate the noise level. In examples the compensating signal can be a reference voltage a reference frequency and/or a reference pulse train. In a further example the compensating is performed only when the noise level of the signal is within a range for at least the predetermined period of time.

No. of Pages: 21 No. of Claims: 25

(19) INDIA

(22) Date of filing of Application :25/03/2014 (43) Publication Date : 26/12/2014

(54) Title of the invention: ANTIBODIES TO PCSK9 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 	:C07K16/40 :61/535625 :16/09/2011 :U.S.A. :PCT/US2012/054737 :12/09/2012 :WO 2013/039958 :NA :NA :NA	(71)Name of Applicant: 1)ELI LILLY AND COMPANY Address of Applicant :Lilly Corporate Center Indianapolis Indiana 46285 U.S.A. (72)Name of Inventor: 1)DAVIES Julian 2)ALLAN Barrett 3)DARLING Ryan James
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(21) Application No.525/MUMNP/2014 A

(57) Abstract:

The present invention relates to antibodies to proprotein convertase subtilisin/kexin type 9 (PCSK9) or antigen binding fragments thereof compositions comprising such PCSK9 antibodies or antigen binding fragments and methods of using the same for the treatment of hyperlipidemia or hypercholesterolemia.

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

(22) Date of filing of Application :25/03/2014 (43) Publication Date : 26/12/2014

(54) Title of the invention: NOVEL COMPOUNDS MODULATING THE HEDGEHOG PROTEIN SIGNALING PATHWAY MARKED FORMS THEREOF AND APPLICATIONS

(51) International classification :C07C279/22,A61K31/155 (31) Priority Document No :11 58519

(32) Priority Date :23/09/2011
(33) Name of priority country :France

(86) International Application No :PCT/IB2012/055033

Filing Date :21/09/2012 87) International Publication No :WO 2013/042082

(87) International Publication No :WO 2013/ (61) Patent of Addition to Application

(61) Patent of Addition to Application
Number

Filing Date
:NA

(62) Divisional to Application Number :NA Filing Date :NA

(71)Name of Applicant:

1)CENTRE NATIONAL DE LA RECHERCHE

SCIENTIFIQUE

Address of Applicant: 3 rue Michel Ange F PARIS 75016

France

2)UNIVERSITE DE STRASBOURG

(72)Name of Inventor: 1)RUAT Martial 2)FAURE HI ne

3)ROUDAUT Hermine

4)HOCH Lucile

5)SCHOENFELDER Ang le

6)TADDEI Maurizio 7)MANN Andr

(57) Abstract:

The present invention relates to novel compounds having the following formula (I) and the use thereof as a drug particularly for the treatment of tumors associated with hyperactivation of the hedgehog protein signaling pathway for the treatment of neurodegenerative diseases for the treatment of diseases related to cerebral development (holoprosencephaly) for stem cell monitoring for the treatment of cerebrovascular accidents and cardiovascular accidents for the treatment of diseases involving oligodendrocytes and diseases involving neurolemmocytes for application thereof for modulating human or animal stem cell renewal and for the treatment of diabetes. The present invention also relates to pharmaceutical compositions comprising at least one compound having formula (I). The invention also relates to a method for radio marking compounds having formula (I) the marked compounds and the use of said compounds as research tools. Finally the present invention also relates to a method for screening and/or identifying ligands in the Smoothened receptor (Smo) binding sites methods for identifying agonists and antagonists of the Smoothened receptor and a method for identifying cells.

No. of Pages: 58 No. of Claims: 24

(21) Application No.544/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :26/03/2014

(43) Publication Date: 26/12/2014

(54) Title of the invention: PYRROLOBENZODIAZEPINES AS UNSYMMETRICAL DIMERIC PBD COMPOUNDS FOR INCLUSION IN TARGETED CONJUGATES

(51) International :C07D519/00,A61K31/5517,A61K47/48

classification

(31) Priority Document :61/536669

(32) Priority Date :20/09/2011 (33) Name of priority

country

:U.S.A. (86) International

:PCT/EP2012/068506 Application No :20/09/2012 Filing Date

(87) International

Publication No

:WO 2013/041606

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to :NA **Application Number** :NA Filing Date

(71)Name of Applicant:

1)SPIROGEN SRL

Address of Applicant : Chemin de la Pacottaz 1 c/o Michael

Forer CH 1806 St Lgier Chisaz Switzerland

(72)Name of Inventor:

1)HOWARD Philip Wilson

(57) Abstract:

A compound with the formula I wherein: R is of formula II where Q is selected from OH SH and NR and R is selected from H methyl and ethyl as well as drug linkers and drug conjugates made from this compound.

No. of Pages: 98 No. of Claims: 86

(21) Application No.208/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :31/01/2014 (43) Publication Date : 26/12/2014

(54) Title of the invention : XYLANASES, NUCLEIC ACIDS ENCODING THEM AND METHODS FOR MAKING AND USING THEM

(51) International classification	:C12N9/42	(71)Name of Applicant:
(31) Priority Document No	:60/389,299 :14/06/2002	1)BP CORPORATION NORTH AMERICA INC. Address of Applicant :501 WESTLAKE PARK BLVD.,
(32) Priority Date (33) Name of priority country	:U.S.A.	HOUSTON, TEXAS 77079 UNITED STATE OF AMERICA.
(86) International Application No		(72)Name of Inventor:
Filing Date	:16/06/2003	1)STEER, BRIAN
(87) International Publication No	:WO/2003/106654	2)CALLEN, WALTER
(61) Patent of Addition to Application	:NA	3)HEALEY, SHAUN
Number	:NA	4)HAZLEWOOD, GEOFF
Filing Date	.1.4/MII.M.ID/2005	5)WU, DI
(62) Divisional to Application Number Filed on	:14/MUMNP/2005 :07/01/2005	6)BLUM, DAVID 7)ESTEGHLALIAN, ALIREZA
1 1100 011	.07/01/2003	//EDIEGIE/IE/IIII, IIE/IE/IA

(57) Abstract:

The invention relates to xylanases and to polynucleotides encoding the xylanases. In addition, methods of designing new xylanases and methods of use thereof are also provided. The xylanases have increased activity and stability at increased pH and temperature.

No. of Pages: 239 No. of Claims: 43

(21) Application No.566/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :28/03/2014 (43) Publication Date : 26/12/2014

:NA

(54) Title of the invention: UNDERWATER VEHICLE HAVING AN OPTICAL BEAM OPERATING SYSTEM

(51) International classification :B63G8/28,F41H13/00 (71)Name of Applicant : (31) Priority Document No 1)MBDA DEUTSCHLAND GMBH :10 2011 116 288.0 Address of Applicant : Hagenauer Forst 27 86529 (32) Priority Date :19/10/2011 (33) Name of priority country Schrobenhausen Germany :Germany :PCT/DE2012/001011 (86) International Application No (72)Name of Inventor: 1)HAGEN Thomas Filing Date :18/10/2012 (87) International Publication No :WO 2013/056693 (61) Patent of Addition to Application :NA :NA Filing Date (62) Divisional to Application Number :NA

(57) Abstract:

Filing Date

The invention relates to an underwater vehicle (1) having an optical beam operating system (2) wherein the beam operating system (2) has a radiation generator (20) a radiation emitter (22) and a radiation transmitter (24 28) that connects the radiation generator (20) to the radiation emitter (22) wherein the radiation generator (20) is provided on or in the underwater vehicle (1) and wherein the radiation emitter (22) can be moved by the underwater vehicle (1) to the surface of the water (W).

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

(22) Date of filing of Application: 27/03/2014 (43) Publication Date: 26/12/2014

(54) Title of the invention: ORIENTED ELECTROMAGNETIC STEEL SHEET AND METHOD FOR MANUFACTURING SAME

(51) International classification: C22C38/00,C21D8/12,C22C38/04 (71) Name of Applicant:

:WO 2013/058239

(31) Priority Document No :2011-230320 (32) Priority Date :20/10/2011

(33) Name of priority country: Japan

(86) International Application :PCT/JP2012/076702

No Filing Date

:16/10/2012

(87) International Publication

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to Application :NA Number :NA

Filing Date

1)JFE STEEL CORPORATION

Address of Applicant: 2 3 Uchisaiwai cho 2 chome Chivoda

ku Tokyo 1000011 Japan (72)Name of Inventor:

1)WATANABE Makoto 2)SHINGAKI Yukihiro 3)TAKAMIYA Toshito 4)OKUBO Tomoyuki

(57) Abstract:

A method for producing an oriented electromagnetic steel sheet in which a steel slab containing by mass% 0.001 to 0.10% of C 1.0 to 5.0% of Si 0.01 to 1.0% of Mn a total of 0.01 to 0.05% S and /or Se 0.003 to 0.050% of soluble Al and 0.001 to 0.020% of N is hot rolled cold rolled subjected to primary recrystallization annealing coated with a separation agent for annealing and subjected to a final finishing annealing. During the primary recrystallization annealing the speed (S1) of the temperature increase between 500 to 600°C is controlled so as to be equal to or greater than 100°C/s the speed (S2) of the temperature increase between 600 to 700°C is controlled so as to be in the range from 30° C/s to 0.6 - S1 and MgO in which the expected value ($\mu(A)$) of the citric acid activity distribution is 3.5 to 3.8 and the cumulative frequency (F) for the activity (A) being equal to or greater than 4.0 is 25 to 45% is used as the principal component of the separation agent for annealing. The resultant oriented electromagnetic steel sheet is free from cracking or defects due to twinning deformation and is free from degradation of magnetic characteristics.

No. of Pages: 27 No. of Claims: 7

(19) INDIA

(21) Application No.275/MUM/2013 A

(22) Date of filing of Application :30/01/2013

(43) Publication Date: 26/12/2014

(54) Title of the invention: DISPLAY DEVICE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:G09F 5/00 :2012065096 :22/03/2012 :Japan :NA :NA : NA : NA	(71)Name of Applicant: 1)SONY CORPORATION Address of Applicant:1-7-1 Konan, Minato-ku, Tokyo, Japan (72)Name of Inventor: 1)TAKEAKI HIRASAWA
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

There is provided a display device including a display in which an image is displayed on a display surface, and a back chassis that is disposed on a surface opposite to the display surface of the display. A display holding portion that holds the display is provided in the back chassis.

No. of Pages: 52 No. of Claims: 8

(22) Date of filing of Application :21/03/2014

(43) Publication Date: 26/12/2014

(54) Title of the invention: 4-AMINO-3-PHENYLAMINO-6-PHENYLPYRAZOLO[3,4-D] PYRIMIDINE DERIVATIVES, THEIR MANUFACTURE AND THEIR USE AS ANTIVIRAL ACTIVE SUBSTANCES

:C07D487/04,A61K31/519,A61P31/12 (71)Name of Applicant : (51) International

classification (31) Priority Document No:10 2011 116 373.9

(32) Priority Date :14/10/2011

(33) Name of priority

:Germany country

(86) International :PCT/EP2012/070403 Application No

:15/10/2012 Filing Date

(87) International :WO 2013/053942 Publication No

(61) Patent of Addition to :NA

Application Number :NA Filing Date (62) Divisional to

:NA **Application Number** :NA Filing Date

1)DRITTE PATENTPORTFOLIO

BETEILIGUNGSGESELLSCHAFT MBH & CO. KG

Address of Applicant :Berliner Strasse 1 12529 Schnefeld/OT

Waltersdorf Germany (72)Name of Inventor:

1)WUTZLER Peter 2)SCHMIDTKE Michaela

3)MAKAROV Vadim

(57) Abstract:

The present invention relates to 5 amino 3 pheylamino 6 phenylpyrazolo[3 4 d] pyrimidine derivatives of the general formula (I) or pharmaceutically acceptable salts or prodrugs thereof wherein at least one hydrogen atom is replaced in at least one of phenyl groups A and B by a substituent R which has a Hammett constant s greater than 0.23. The present invention further relates to a method of manufacturing these. Corresponding compounds have been found to have surprisingly high activity against viruses particularly rhinoviruses and picornaviruses. Moreover the compounds are very well tolerated. For these reasons the compounds are suited for the treatment of viral infections and as medications.

No. of Pages: 32 No. of Claims: 15

(19) INDIA

(22) Date of filing of Application :26/03/2014

(21) Application No.550/MUMNP/2014 A

(43) Publication Date: 26/12/2014

(54) Title of the invention: NICKEL ALLOY

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:27/09/2012 :WO 2013/045847 :NA :NA :NA	(71)Name of Applicant: 1)SNECMA Address of Applicant: 2 boulevard du Gnral Martial Valin F 75015 Paris France (72)Name of Inventor: 1)DESCHANDOL Karine 2)FOUCARD Nicole 3)RAGUET Michel 4)TIEVANT Fran§ois
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The invention relates to a nickel alloy derived from Ren 125 but with reduced levels of certain elements (Zr B P S Si and to a lesser extent Ti and Hf) in order to limit the appearance of cracks upon solidification in a moulding process. Specifically 4.80 % = Al = 5.00 % 1.48 % = Hf = 1.52 % 2.28 % = Ti = 2.33 % 0.005 % = B = 0.01 % 1.77 % = Mo = 1.97 % and Zr = 0.007 %. Other elements can have levels that match those of Ren 125.

No. of Pages: 7 No. of Claims: 6

(22) Date of filing of Application :25/03/2014 (43) Publication Date : 26/12/2014

(54) Title of the invention: METHOD FOR DETECTING NUCLEOSOMES CONTAINING NUCLEOTIDES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (22) Priving and to Application Number 	:31/08/2012 :WO 2013/030577 :NA :NA	(71)Name of Applicant: 1)SINGAPORE VOLITION PTE LIMITED Address of Applicant: 165 Gangsa Road Unit 01 70 Singapore 670165 Singapore (72)Name of Inventor: 1)MICALLEF Jacob Vincent
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA	

(57) Abstract:

The invention relates to a method for detecting and measuring the presence of mono nucleosomes and oligo nucleosomes and nucleosomes that contain particular nucleotides and the use of such measurements for the detection and diagnosis of disease. The invention also relates to a method of identifying nucleosome associated nucleotide biomarkers for the detection and diagnosis of disease and to biomarkers identified by said method.

No. of Pages: 66 No. of Claims: 23

(19) INDIA

(22) Date of filing of Application :27/03/2014

(21) Application No.563/MUMNP/2014 A

(43) Publication Date: 26/12/2014

(54) Title of the invention: 5 (PYRIDIN 2 YL AMINO) PYRAZINE 2 CARBONITRILE COMPOUNDS AND THEIR THERAPEUTIC USE

(51) International

:C07D401/12,C07D401/14,A61K31/497 classification

(31) Priority Document :61/557457

(32) Priority Date :09/11/2011

(33) Name of priority

:U.S.A. country

(86) International

:PCT/GB2012/052786 Application No

Filing Date

:09/11/2012

(87) International

:WO 2013/068755

Publication No (61) Patent of Addition to :NA Application Number

:NA

Filing Date (62) Divisional to

Application Number :NA Filing Date

:NA

(71)Name of Applicant:

1)CANCER RESEARCH TECHNOLOGY LIMITED

Address of Applicant : Angel Building 407 St John Street London Greater London EC1V 4AD U.K.

(72)Name of Inventor:

1)COLLINS Ian

2)LAINCHBURY Michael

3)MATTHEWS Thomas Peter

4) READER John Charles

(57) Abstract:

The present invention pertains generally to the field of therapeutic compounds. More specifically the present invention pertains to certain pyridyl amino pyrazine carbonitrile compounds that inter alia inhibit Checkpoint Kinase 1 (CHK1) kinase function. The present invention also pertains to pharmaceutical compositions comprising such compounds and the use of such compounds and compositions both in vitro and in vivo to inhibit CHK1 kinase function and in the treatment of diseases and conditions that are mediated by CHK1 that are ameliorated by the inhibition of CHK1 kinase function, including proliferative conditions such as cancer etc. optionally in combination with another agent for example (a) a DNA topoisomerase I or II inhibitor; (b) a DNA damaging agent; (c) an antimetabolite or thymidylate synthase (TS) inhibitor; (d) a microtubule targeted agent; and (e) ionising radiation.

No. of Pages: 119 No. of Claims: 104

(22) Date of filing of Application :20/03/2014 (43) Publication Date : 26/12/2014

(54) Title of the invention : MULTI POLE SYNCHRONOUS RADIOFREQUENCY ABLATION CATHETER FOR PULMONARY ARTERY

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:A61B 18/14,A61N 1/05 :201210453470.4 :13/11/2012 :China :PCT/CN2013/073338 :28/03/2013 :WO 2014/075415 :NA :NA	(71)Name of Applicant: 1)CHEN Shaoliang Address of Applicant: 68# Changle Road Nanjing Jiangsu 210006 China (72)Name of Inventor: 1)CHEN Shaoliang
Filing Date	:NA	

(57) Abstract:

Disclosed is a multi pole synchronous radiofrequency ablation catheter for the pulmonary artery comprising a control handle (2) a catheter body (1) and an annular ring (4). The control handle (2) is provided with a regulating device. The catheter body (1) has a hollow structure and is provided with cavities (9 10) therein; the cavities (9 10) are provided with a wire (6) a temperature sensing line (7) and a drawn wire (8) therein. One end of the catheter body (1) is flexible and the flexible end (3) is connected with the annular ring (4) and the other end of the catheter body (1) is connected with the control handle (2). One end of the drawn wire (8) is connected with the flexible end (3) and the other end is connected with the regulating device on the control handle (2). The arc of the flexible end (3) can be controlled by controlling the degree of tensioning of the drawn wire (8) via the regulating device. The annular ring (4) is provided with a shape memory wire (12) therein and one end of the shape memory wire (12) extends to the tip of the annular ring (4) while the other end is fixed on the flexible end (3) of the catheter body (1) through the heel of the annular ring (4). The annular ring (4) is provided with a set of electrodes (5) and each electrode (5) is connected with the wire (6) and the temperature sensing line (7); the wire (6) and the temperature sensing line (7) are electrically connected with the control handle (2). The cavity of the catheter body (1) is provided with an infusion tube therein which can protect the vascular intima by infusing it with cold physiological saline. The catheter has the advantages of being simple to operate having a short operation time and allowing an accurately controllable ablation operation.

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

(21) Application No.568/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :28/03/2014 (43) Publication Date: 26/12/2014

(54) Title of the invention: INTRAORAL TACTILE BIOFEEDBACK METHODS DEVICES AND SYSTEMS FOR SPEECH AND LANGUAGE TRAINING

(51) International :H04B3/36,A61B5/103,A61B5/117

classification

:61/533087 (31) Priority Document No (32) Priority Date :09/09/2011 (33) Name of priority country: U.S.A.

(86) International Application :PCT/US2012/054114

No :07/09/2012 Filing Date

(87) International Publication :WO 2013/036737

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to Application :NA Number :NA Filing Date

(71)Name of Applicant:

1)ARTICULATE TECHNOLOGIES INC.

Address of Applicant :3150 18th Street Suite 340 San

Francisco California 94110 U.S.A.

(72)Name of Inventor: 1)SALAMINI Alexey 2)PENAKE Adrienne E.

3)PENAKE David A. 4)ROGERS Gordy T.

(57) Abstract:

An intraoral method biofeedback system and kit are provided for supplying intraoral feedback representative of a speaker s pronunciation during sound production which feedback may be used for training and enhancing a speaker s pronunciation accuracy.

No. of Pages: 83 No. of Claims: 22

(21) Application No.569/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :28/03/2014 (43) Publication Date: 26/12/2014

(54) Title of the invention: A METHOD AND SYSTEM OF RECALIBRATING AN INERTIAL SENSOR

(51) International :G01P21/00,G01C25/00,G06F19/00

classification

(31) Priority Document No :2011903660 (32) Priority Date :08/09/2011 (33) Name of priority country: Australia

(86) International Application :PCT/AU2012/001009

:29/08/2012 Filing Date

(87) International Publication :WO 2013/033755

No

(61) Patent of Addition to :NA

Application Number :NA Filing Date

(62) Divisional to Application :NA Number :NA Filing Date

(71)Name of Applicant:

1)LEICA GEOSYSTEMS AG

Address of Applicant : Heinrich Wild Strasse CH 9435

Heerbrugg Switzerland (72)Name of Inventor: 1)DUSHA Damien 2)DALE Paul

(57) Abstract:

There is provided a method and system of recalibrating a sensor preferably by determining a sensor bias for an Inertial Measurement Unit (IMU) in a vehicle. The sensor bias is determined by taking a measurement from the IMU at a first orientation and then taking a second measurement from the IMU at a second orientation that is rotated approximately 180° from the first orientation.

No. of Pages: 23 No. of Claims: 26

(19) INDIA

(22) Date of filing of Application :25/03/2014 (43) Publication Date: 26/12/2014

(54) Title of the invention: PYRROLOBENZODIAZEPINES

(51) International :C07D487/04,C07D519/00,A61K31/5517 classification

:U.S.A.

(31) Priority Document :61/547204

(32) Priority Date :14/10/2011

(33) Name of priority

country

(86) International

:PCT/EP2012/070231 Application No :12/10/2012

Filing Date

(87) International :WO 2013/053871

Publication No (61) Patent of Addition

:NA to Application Number :NA

Filing Date (62) Divisional to :NA **Application Number** :NA Filing Date

(71)Name of Applicant: 1)SPIROGEN SRL

Address of Applicant: Chemin de la Pacottaz 1 c/o Michael Forer CH 1806 St Lgier Chisaz Switzerland

(72)Name of Inventor:

1)HOWARD Philip Wilson

(21) Application No.533/MUMNP/2014 A

(57) Abstract:

A compound with the formula I: wherein: R is of formula II: where A is a C aryl group X is selected from the group comprising: NHNH CONHNH formula III formula IV and either: (i) Q is a single bond and Q is selected from a single bond and Z (CH) where Z is selected from a single bond O S and NH and n is from 1 to 3; or (ii) Q is CH=CH and Q is a single bond; R is a C aryl group optionally substituted by one or more substituents selected from the group comprising: halo nitro cyano ether C alkyl C heterocyclyl and bis oxy C alkylene; R and R are independently selected from H R OH OR SH SR NH NHR NRR nitro MeSn and halo; where R and R are independently selected from optionally substituted C alkyl C heterocyclyl and C aryl groups; R is selected from H R OH OR SH SR NH NHR NHRR nitro MeSn and halo; either: (a) R is H and R is OH OR where R is C alkyl; (b) R and R form a nitrogen carbon double bond between the nitrogen and carbon atoms to which they are bound; or (c) R is H and R is SOM where z is 2 or 3 and M is a monovalent pharmaceutically acceptable cation; R is a C alkylene group which chain may be interrupted by one or more heteroatoms and/or aromatic rings; Y and Y are selected from O S or NH; R R R are selected from the same groups as R R and R respectively and R and R are the same as R and R wherein if R and R are SOM M may represent a divalent pharmaceutically acceptable cation.

No. of Pages: 84 No. of Claims: 47

(22) Date of filing of Application :03/01/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: POWER SUPPLY DEVICE AND IMAGE FORMING APPARATUS HAVING THE SAME

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:10-2012- 0052020 :16/05/2012	(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)JEONG, An-sik
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(57) Abstract:

Power supply device and an image forming apparatus having the power supply device are provided. The power supply device includes an input unit to input alternating current (AC) power, a converter to convert the input AC power to direct current (DC) power having a preset level and to output the DC power, and a sensor to be connected to the input unit in parallel and to sense whether the AC power has been input. The sensor includes a transformer to receive the AC power and to output a sensing signal having a level reduced more than a level of the AC power, and a resistor unit connected to the transformer in series so that a current of the AC power input into the transformer is lower than or equal to a preset current.

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

(22) Date of filing of Application :02/05/2011 (43) Publication Date : 26/12/2014

(54) Title of the invention: TRICYCLIC OXAZOLIDINONE ANTIBIOTIC COMPOUNDS

(51) International classification	:C07D471/06	(71)Name of Applicant:
(31) Priority Document No	:PCT/IB2008/054109	1)ACTELION PHARMACEUTICALS LTD.
(32) Priority Date	:07/10/2008	Address of Applicant :GEWERBESTRASSE 16, CH-4123
(33) Name of priority country	:PCT	ALLSCHWIL Switzerland
(86) International Application No	:PCT/IB2008/054109	(72)Name of Inventor:
Filing Date	:06/10/2009	1)HUBSCHWERLEN, CHRISTIAN
(87) International Publication No	:WO 2010/041194	2)RITZ, DANIEL
(87) International Fublication No	A1	3)RUEEDI, GEORG
(61) Patent of Addition to Application	:NA	4)SURIVET, JEAN-PHILIPPE
Number	:NA	5)ZUMBRUNN ACKLIN, CORNELIA
Filing Date	.IVA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The invention relates to antibacterial compounds of formula I wherein ---- is a bond or is absent, V is CH, CR° or N; Ru is II or, if ---- is a bond, may also be alkoxy; R1 is notably H or halogen; U is CH or N when ---- is a bond, or, if ---- is absent, U is CH2, NH or NR9; R2 is H, alkylcnrbonyl or -CH2-R3; R3 is H, alkyl or hydroxyalkyl; R4 is H or, if n is not 0 and R5 is H, may also be OH; R5 is H, alkyl, hydroxyalkyl, aminoalkyl, alkoxyalkyl, carboxy or alkoxycarbonyl; R6 is hydroxyalkyl, carboxy, alkoxycarbonyl or -(CH2)q-NR7R8, q being 1, 2 or 3 and each of R7 and R8 independently being H or alkyl or R7 and R8 forming with the N atom bearing them a ring; R9 is alkyl or hydroxyalkyl; A is -(CH2)P-, -CH2CH2CH(OH)- or -COCH2CH(OH)-; G is substituted phenyl or G1 or G2wherein Q is 0 or S and X is CH or N; and Y1, Y2 and Y3 may each be CH or N; and n is 0 when A is -CH2CH2CH(OH)-or -COCH2CH(OH)-, and n is 0, 1 or 2 when A is -(CH2)P-, p being 1, 2, 3 or 4, with the proviso that the sum of n and p is then 2, 3 or 4; and to salts of such compounds.

No. of Pages: 310 No. of Claims: 18

(22) Date of filing of Application :07/06/2011 (4

(43) Publication Date : 26/12/2014

(54) Title of the invention: UNIT FOR THE APPLICATION OF OPENING DEVICES ON PACKAGES OF FOOD PRODUCTS POURABLE INTO A TUBE OF PACKAGING MATERIAL

(51) International classification	:B65B61/18	(71)Name of Applicant:
(31) Priority Document No	:TO2008A 000915	1)TETRA LAVAL HOLDINGS & FINANCE S.A.
(32) Priority Date	:09/12/2008	Address of Applicant : AVENUE GENERAL-GUISAN 70,
(33) Name of priority country	:Italy	CH-1009 PULLY Switzerland
(86) International Application No	:PCT/EP09/066552	(72)Name of Inventor:
Filing Date	:07/12/2009	1)MACCAGNANI, ANDREA
(87) International Publication No	:WO 2010/066691	2)SKARIN, LARS
(87) International Publication No	A1	3)TABARTE, MAHMOD
(61) Patent of Addition to Application Numb	er:NA	4)JOHANSSON, URBAN
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(57) Abstract:		1

(57) Abstract:

There is disclosed a unit (1) for the application of opening devices (2) on packages (3) of pourable food products, comprising first conveying means to feed the opening devices (2) along a first path (P1), second conve3ying means (19) to feed the packages (3) along a second path (P2), third conveying means (20, 28) movable about a first axis (A) to displace the opening devices (2) along a third path (P3) from a withdrawal station to an application station (22) of the opening devices (2), a gripping member (29) for gripping an opening device (2), and a supporting plate (36) to support gripping member (29); supporting plate (36) is coupled to third conveying means (20, 28); the gripping member (29) is displaceable, at the application station (22) in a defined plane by a first direction (X) transversal to the first axis (A) and to the second path (P2), and by first axis (A).

No. of Pages: 48 No. of Claims: 18

(19) INDIA

(22) Date of filing of Application :13/06/2011 (43) Publication Date : 26/12/2014

(54) Title of the invention: INTELLIGENT DECODED PICTURE BUFFERING

(51) International classification(31) Priority Document No(32) Priority Date	:H04N7/26 :12/333,781 :12/12/2008	(71)Name of Applicant: 1)QUALCOMM INCORPORATED Address of Applicant :INTERNATIONAL IP
(33) Name of priority country (86) International Application No	:U.S.A.	ADMINISTRATION, 5775 MOREHOUSE DRIVE, SAN DIEGO CALIFORNIA 92121-1714 U.S.A.
Filing Date	:11/12/2009	(72)Name of Inventor:
(87) International Publication No (61) Patent of Addition to Application	:WO 2010/068900 A1 :NA	1)RAGHAVENDRA NAGARAJ 2)STEPHEN A. MOLLOY
Number Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(21) Application No.4110/CHENP/2011 A

(57) Abstract:

A system and method for intelligent decoded picture buffering is described. In one embodiment, a video bitstream buffer receives and temporarily holds an encoded compressed bitstream containing portions of a video. Then, a look ahead parser scans ahead in the video to analyze portions of the encoded video bitstream in the video bitstream buffer to predict the value of the video. Based on this prediction, an intelligent memory manager prioritizes the video portions, and then sends the high valued video portions to a first buffer and sends the low valued video portions to a second buffer.

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

(22) Date of filing of Application :01/08/2012 (43) Publication Date : 26/12/2014

(54) Title of the invention : METHODS FOR PREPARING HUMAN MELANOCYTES FROM HUMAN PLURIPOTENT STEM CELLS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:C12N5/0735 :61/307,056 :23/02/2010 :U.S.A. :PCT/EP2011/052504 :21/02/2011 :WO/2011/104200 :NA :NA	(71)Name of Applicant: 1)INSERM (INSTITUT NATIONAL DE LA SANT‰ ET DE LA RECHERCHE M‰DICALE) Address of Applicant:101 rue de Tolbiac F-75013 Paris France (72)Name of Inventor: 1)NISSAN Xavier 2)BALDESCHI Christine 3)LEMAITRE Gilles 4)PESCHANSKI Marc
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(57) Abstract:

The invention relates to an ex vivo method for obtaining a population of human melanocytes derived from human pluripotent stem cells comprising the step consisting of co-culturing human pluripotent stem cells with cells that support ectodermal differentiation in the presence of an agent that stimulates epidermal induction and an agent that stimulates terminal differentiation of keratinocytes. The invention also relates to human melanocytes obtainable by said method and to uses thereof in cell therapy and in screening assays.

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

(21) Application No.6888/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :03/08/2012 (43) Publication Date : 26/12/2014

(54) Title of the invention: FREQUENCY AND TIME DOMAIN RANGE EXPANSION

(51) International :H04W52/04,H04W16/06,H04W72/08

classification .H04 w 32/04,H04 w 16/06,H04 w

(31) Priority Document No :61/303,622 (32) Priority Date :11/02/2010 (33) Name of priority

country :U.S.A.

(86) International :PCT/US2011/024371

Application No Filing Date :10/02/2011

(87) International Publication No :WO/2011/100447

(61) Patent of Addition to
Application Number
Filing Date
(62) Divisional to

(62) Divisional to
Application Number
Filing Date
:NA
:NA

(71)Name of Applicant:

1)QUALCOMM INCORPORATED

Address of Applicant :International IP Administration 5775 Morehouse Drive San Diego California 92121-1714 U.S.A.

(72)Name of Inventor:

1)DEXU LIN 2)RAVI PALANKI 3)WANSHI CHEN

4)ALEKSANDAR DAMNJANOVIC

5)TINGFANG JI

6)AAMOD DINKAR KHANDEKAR

(57) Abstract:

For range expansion, a determination to enter range expansion may be made based on a signal strength differential for user equipment (UE) communications between a first class of base stations (dominant interfer) er and a second class of base stations (victim cells). If the signal strength differential is beyond a certain threshold, range expansion may be implemented. In range expansion, a signal is transmitted, on a resource coordinated with at least one of the first class of base stations, from one of the second class of base stations to the UE which could experience dominant interference from one of the first class of base stations if coordination were not performed. Transmission power may be reduced from one of the first class of base stations on that resource (power resricted). The second signal may be transmitted within the region of the Physical Downlink Shared Channel (PDSCH).

No. of Pages: 43 No. of Claims: 30

(21) Application No.6889/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :03/08/2012 (43) Publication Date: 26/12/2014

(54) Title of the invention: A DECENTRALISED COORDINATION ALGORITHM FOR MINIMISING CONFLICT AND MAXIMISING COVERAGE IN SENSOR NETWORKS

(51) International classification :H04W84/18,H04W72/08 (71)Name of Applicant : (31) Priority Document No :1001732.5 :03/02/2010 (32) Priority Date (33) Name of priority country :U.K.

(86) International Application No :PCT/GB2011/050071 Filing Date :18/01/2011

(87) International Publication No :WO/2011/095791

(61) Patent of Addition to Application :NA

Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

1)BAE SYSTEMS PLC

Address of Applicant: 6 Carlton Gardens London SW1Y

5AD U.K.

(72)Name of Inventor:

1) RUBEN STRANDERS

2)ALEXANDER CARL ROGERS 3)NICHOLAS ROBERT JENNINGS

(57) Abstract:

A method of creating a sensor network from a plurality of sensing devices (Si, Sj, Sk, Si, Sm, Sn) that includes identifying (202) a plurality of subsets of the sensing devices (Si, Sj, Sk), each of the subsets providing a preferred sensing quality coverage. Communication signal strengths of the sensing devices in the subsets are adjusted (204) to seek to enable direct or indirect communication between active sensing devices in all of the plurality of subsets, thereby creating a sensor network.

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

(19) INDIA

(22) Date of filing of Application :10/08/2012 (43) Publication Date: 26/12/2014

(54) Title of the invention: PIPERIDINE DERIVATIVES

:EPO

(51) International

:C07D401/14,C07D413/14,C07D417/14

classification

(31) Priority Document

:10153843.7

(32) Priority Date :17/02/2010

(33) Name of priority

country

(86) International

:PCT/EP2011/052101 Application No :14/02/2011

Filing Date

(87) International :WO 2011/101304

Publication No

(61) Patent of Addition to :NA **Application Number** :NA

Filing Date (62) Divisional to

:NA **Application Number** :NA Filing Date

(71)Name of Applicant:

1)F. HOFFMANN LA ROCHE AG

(21) Application No.7010/CHENP/2012 A

Address of Applicant: Grenzacherstrasse 124 CH 4070 Basel

Switzerland

(72)Name of Inventor:

1)BAUMANN Karlheinz

2)FLOHR Alexander

3)GOETSCHI Erwin

4)GREEN Luke

5) JOLIDON Synese

6)KNUST Henner

7)LIMBERG Anja

8)LUEBBERS Thomas

9)THOMAS Andrew

(57) Abstract:

The invention relates to compounds of formula (I). Hetaryl I is a five or six membered heteroaryl group containing 1 to 3 heteroatoms selected from O S or N; hetaryl II is a five or six membered heteroaryl group containing 1 to 3 heteroatoms selected from O S or N or is a two membered ring system containing 1 to 4 heteroatoms selected from S O or N wherein at least one ring is aromatic in nature; R is lower alkyl lower alkyl lower alkyl substituted by halogen or halogen; R is halogen lower alkyl lower alkoxy hydroxy lower alkyl substituted by halogen lower alkyl substituted by hydroxy or benzo[1 3]dioxolyl or is (CHR) phenyl optionally substituted by halogen lower alkyl lower alkoxy S(O) lower alkyl cyano nitro lower alkoxy substituted by halogen dimethylamino (CH)P NHC(O)O Iower alkyl or lower alkyl substituted by halogen and R is hydrogen halogen hydroxy or lower alkoxy or is cycloalkenyl or cycloalkyl optionally substituted by hydroxy or lower alkyl substituted by halogen or is a five or six membered heteroaryl group containing 1 to 3 heteroatoms selected from O S or N which is optionally substituted by halogen lower alkyl lower alkoxy or dimethylamino or is O phenyl optionally substituted by halogen or is heterocycloalkyl optionally substituted by halogen hydroxy lower alkyl substituted by halogen or C(O)O lower alkyl; Ris hydrogen lower alkyl cyano or phenyl; Ris lower alkoxy lower alkyl or halogen; p is 0 or 1; n is 0 1 or 2; if n is 2 then R may be the same or different; m is 0 1 or 2; if m is 2 then R may be the same or different; o is 0 1 2 or 3 if o is 2 or 3 then R may be the same or different; or to pharmaceutically active acid addition salts thereof. The compounds of formula (I) are modulators for amyloid beta and thus they may be useful for the treatment or prevention of a disease associated with the deposition of amyloid in the brain in particular Alzheimer's disease and other diseases such as cerebral amyloid angiopathy hereditary cerebral hemorrhage with amyloidosis Dutch type (HCHWA D) multi infarct dementia dementia pugilistica and Down syndrome.

No. of Pages: 279 No. of Claims: 21

(22) Date of filing of Application :14/08/2012 (43) Publication Date : 26/12/2014

(54) Title of the invention: ELECTRIC LAMP HAVING REFLECTOR FOR TRANSFERRING HEAT FROM LIGHT 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 	:F21K99/00 :61/310125 :03/03/2010 :U.S.A. :PCT/IB2011/050841 :28/02/2011 :WO/2011/107925 :NA :NA	(71)Name of Applicant: 1)KONINKLIJKE PHILIPS ELECTRONICS N.V. Address of Applicant: GROENEWOUDSEWEG 1 EINDHOVEN 5621 BA NETHERLANDS 2)PHILIPS LUMILEDS LIGHTING COMPANY LLC (72)Name of Inventor: 1)TER WEEME Berend Jan Willem 2)ANSEMS Johannes Petrus Maria 3)CASSARINO Salvatore 4)HECHFELLNER Rudolf
1 (61110 01	:NA :NA :NA	

(57) Abstract:

The invention relates to an electric lamp (102) comprising a primary semiconductor light source (104) in thermal communication with a primary reflector (106). Herein the primary reflector (106) is reflective transparent and/or translucent. The primary reflector (106) is configured for transferring heat generated by the primary semiconductor light source (104) during operation away from said primary semiconductor light source (104). As a result the electric lamp (102) according to the invention effectively reduces the number of parts comprised in the electric lamp (102) thereby lowering the costs of manufacturing the electric lamp (102).

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

(21) Application No.7116/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application: 14/08/2012 (43) Publication Date: 26/12/2014

(54) Title of the invention: SYSTEM AND METHOD FOR OBTAINING AN OBJECTIVE MEASURE OF DYSPNEA

(51) International classification (31) Priority Document No :61/311434 (32) Priority Date :08/03/2010 (33) Name of priority country :U.S.A. (86) International Application No :PCT/IB2011/050611 Filing Date :14/02/2011 (87) International Publication No :WO/2011/110963

(61) Patent of Addition to Application :NA :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

:G06F19/00,A61B5/00 (71)Name of Applicant :

1)KONINKLIJKE PHILIPS ELECTRONICS N.V. Address of Applicant :GROENEWOUDSEWEG 1

EINDHOVEN 5621 BA NETHERLANDS

(72)Name of Inventor: 1)CHEUNG Amv. Oi Mee 2)ATAKHORRAMI Maryam

(57) Abstract:

A computer-implemented method for assessing a level of dyspnea in a patient is provided. The method includes measuring physical activity of the patient over a period of time with an activity monitor to gather physical activity data; measuring respiration rate of the patient over the period of time with a respiration rate sensor to gather respiration rate data; administering a questionnaire to gather clinical information of the patient; and executing on one or more computer processors one or more computer program modules to determine a dyspnea value for the patient based on the respiration rate data the physical activity data and the clinical information of the patient. The dyspnea value is representative of the level of dyspnea in the patient.

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

(21) Application No.7117/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application: 14/08/2012 (43) Publication Date: 26/12/2014

(54) Title of the invention: LUMINAIRE AND LOUVER

(51) International classification: F21V11/02,F21V13/04,F21V5/04 (71)Name of Applicant:

(31) Priority Document No :10155314.7 (32) Priority Date :03/03/2010

(33) Name of priority country :EPO

(86) International Application :PCT/IB2011/050801

:25/02/2011 Filing Date

(87) International Publication :WO/2011/107914

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to Application :NA Number :NA Filing Date

1)KONINKLIJKE PHILIPS ELECTRONICS N.V. Address of Applicant :GROENEWOUDSEWEG 1

EINDHOVEN 5621 BA NETHERLANDS

(72)Name of Inventor:

1)VAN GORKOM Ramon Pascal

2) VISSENBERG Michel Cornelis Josephus Marie

3)HAENEN Ludo

(57) Abstract:

A luminaire comprising lamellae holding means a light source and a set of lamellae comprising a plurality of (inclined) lamellae. The set of lamellae extends at least partially over a light emission window. The lamellae have a reflective front surface facing towards the light source said front surface being designed to partially reflect light to the exterior and partially transmit light for example in that the lamellae are diffusely translucent or have a perforated surface. The set of lamellae is provided with light converging means for example a Fresnel lens which optionally are integrated in the lamellae to prevent the luminaire becoming too bulky.

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

(21) Application No.7118/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application: 14/08/2012 (43) Publication Date: 26/12/2014

(54) Title of the invention: APPARATUSES AND METHODS FOR DEFINING COLOR REGIMES

(51) International classification: H04N1/62,G11B27/11,H04N1/60 (71)Name of Applicant:

(31) Priority Document No :10155277.6 (32) Priority Date :03/03/2010

(33) Name of priority country :EPO

(86) International Application :PCT/IB2011/050767

Filing Date

:24/02/2011

(87) International Publication

:WO/2011/107905

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to Application :NA Number :NA Filing Date

1)KONINKLIJKE PHILIPS ELECTRONICS N.V.

Address of Applicant :GROENEWOUDSEWEG 1

EINDHOVEN 5621 BA NETHERLANDS (72)Name of Inventor:

1)MERTENS Mark Jozef Willem

(57) Abstract:

To allow a better coordination between an image creation artist such as a movie director of photography and the final viewer (via the display and its built-in image processing) we describe method of adding image defining information to an input image signal (I) comprising: - showing the input image (I) to a human operator; receiving via a user interface (303 308) descriptive data (D) from the human operator the descriptive data (D) including at least luminance values and/or geometrical shape information on the one hand and a regime descriptor (rd) on the other hand; encoding into an output description data signal (DDO) relatable to an output image signal (O) based upon the input image signal (I) of the descriptive data (D) in a technical format standardized to be intended for use by a receiving display to control its image processing for changing the color properties of its rendered images.

No. of Pages: 42 No. of Claims: 14

(21) Application No.5352/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :22/07/2011 (43) Publication Date : 26/12/2014

(54) Title of the invention: SMALL MOLECULE INHIBITORS OF NECROPTOSIS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:23/12/2009 :WO 2010/075561 A1 :NA :NA :NA	(71)Name of Applicant: 1)PRESIDENT AND FELLOWS OF HARVARD COLLEGE Address of Applicant:17 QUINCY STREET, CAMBRIDGE, MASSACHUSETTS 02138 U.S.A. (72)Name of Inventor: 1)YUAN, JUNYING 2)HSU, EMILY, S.
Filing Date	:NA :NA	

(57) Abstract:

The invention features a series of heterocyclic derivatives that inhibit tumor necrosis factor alpha (TNF- α) induced necroptosis. The heterocyclic compounds of the invention are described by Formulas (I)-(VIII) and by Compounds (I)-(7), (13)-(26), (27)-(33), (48)-(57), and (58)-(70). These necrostatins are shown to inhibit TNF-a induced necroptosis in FADD-deficient variant of human Jurkat T cells. The invention further features pharmaceutical compositions featuring necrostatins. The compounds and compositions of the invention may also be used to treat disorders where necroptosis is likely to play a substantial role.

No. of Pages: 100 No. of Claims: 15

(21) Application No.7001/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application: 10/08/2012 (43) Publication Date: 26/12/2014

(54) Title of the invention: UTILITY GRID COMMAND FILTER SYSTEM

(51) International classification :G01D4/00,G06F1/32,H02J3/00 (71)Name of Applicant :

(31) Priority Document No :12/709,081 (32) Priority Date :19/02/2010

(33) Name of priority country :U.S.A.

(86) International Application No :PCT/US2011/024979

Filing Date :16/02/2011 (87) International Publication No :WO/2011/103118

(61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to Application

:NA Number :NA Filing Date

1)Accenture Global Services Limited

Address of Applicant: 3 Grand Canal Plaza Grand Canal

Street Upper Dublin 4 IRELAND

(72)Name of Inventor:

1)TAFT Jeffrey David

(57) Abstract:

A command filter module filters receives a plurality commands intended for receipt by devices interconnected within a utility grid. The command filter module may authorize the plurality of commands for execution by the respective devices based on predetermined set of command rules. Historical and real-time data may be implemented by the command filter module to perform an authorization decision for the plurality of commands. Authorized commands may be transmitted by the command filter module for receipt by the respective devices. The command filter module may generate rejection messages corresponding to unauthorized commands. The rejection messages may be transmitted to a source of an unauthorized command.

No. of Pages: 87 No. of Claims: 19

(21) Application No.7136/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :16/08/2012 (43) Publication Date : 26/12/2014

(54) Title of the invention: HAPTIC APPARATUS AND TECHNIQUES FOR QUANTIFYING CAPABILITY 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 	:61/338,315 :16/02/2010 :U.S.A.	(71)Name of Applicant: 1)BAYER INTELLECTUAL PROPERTY GMBH Address of Applicant: Alfred-Nobel-Strasse 10 40789 Monheim Germany (72)Name of Inventor: 1)SILMON JAMES BIGGS 2)ROGER HITCHCOCK
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(57) Abstract:

A computer-implemented method of quantifying the capability of a haptic system. The haptic system comprises an actuator. The computer comprises a processor, a memory, and an input/output interface for receiving and transmitting information to and from the processor. The computer provides an environment for simulating the mechanics of the haptic system, determining the performance of the haptic system, and determining a user sensation produced by the haptic system in response to an input to the haptic system. In accordance with the computer- implemented method, an input command is received by a mechanical system module that simulates a haptic system where the input command represents an input pressure applied to the haptic system. A displacement is produced by the mechanical system module in response to the input command. The displacement is received by an intensity perception module. The displacement is mapped to a sensation experienced by a user by the intensity perception module and the sensation experienced by the user in response to the input command is produced

No. of Pages: 61 No. of Claims: 24

(21) Application No.7272/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :22/08/2012 (43) Publication Date: 26/12/2014

(54) Title of the invention: WATER TREATMENT PROCESS

(51) International classification :C02F1/04,B01D1/26,B01D3/34 (71)Name of Applicant :

:10 2010 007 447.0 (31) Priority Document No

(32) Priority Date :10/02/2010 (33) Name of priority country :Germany

(86) International Application No: PCT/EP2011/051881

Filing Date :09/02/2011

(87) International Publication No :WO/2011/098478

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to Application :NA Number :NA

Filing Date

1)BASF SE

Address of Applicant: 67056 Ludwigshafen Germany

(72)Name of Inventor: 1)MACHHAMMER Otto

2)MLLER Christian 3)ZEHNER Peter

(57) Abstract:

a) raw water is provided that comprises at least one non-volatile component (salt), b) the raw water provided is passed as cooling medium into a heat exchanger, c) additional heat is supplied to the raw water that is heated in the heat exchanger, d) the raw water from step c) is fed to an evaporation zone, e) a carrier gas suitable for water vapour is provided (air), f) the carrier gas is brought into contact with the raw water in counter current flow in the evaporation zone which contains baffles, wherein the carrier gas takes up water vapour from the raw water, g) the raw water that is obtained in step f) that is enriched with the at least one non-volatile component is taken off from the evaporation zone, h) the water vapour-loaded carrier gas from the evaporation zone is fed to the heat exchanger and is cooled in counter current flow to the raw water, wherein the water vapour present in the carrier gas partially condenses out, i) the carrier gas depleted in water vapour is passed out of the heat exchanger, k) the condensed water vapour is taken off from the heat exchanger as pure water, wherein the evaporation zone is operated substantially adiabatically, and wherein the carrier gas is transported by means of natural convection through the evaporation zone and thereafter through the heat exchanger. A process and an apparatus for obtaining pure water from seawater, comprising:

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

(21) Application No.6050/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :23/08/2011 (43) Publication Date : 26/12/2014

(54) Title of the invention: OPTICAL CONNECTOR

(51) International classification	:G02B6/24	(71)Name of Applicant:
(31) Priority Document No	:2009-030208	1)FUJIKURA LTD.
(32) Priority Date	:12/02/2009	Address of Applicant :5-1, KIBA 1-CHOME, KOHTOH-KU,
(33) Name of priority country	:Japan	TOKYO 135-8512 Japan
(86) International Application No	:PCT/JP2009/007022	(72)Name of Inventor:
Filing Date	:18/12/2009	1)KOJI SUMIDA
(87) International Publication No	:WO/2010/092654	2)KAZUHIRO TAKIZAWA
(61) Patent of Addition to Application	:NA	3)DAIGO SAITO
Number	:NA	
Filing Date	.11/1	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

An optical connector of the present invention includes a ferrule to which an internal optical fiber is embedded and an end face grinding is performed; and a connection mechanism which extends to an opposite side of a connection end face of the ferrule, wherein the optical connector butt connects the internal optical fiber and an insert optical fiber which is inserted from outside within a positioning groove provided at the connection mechanism; and a back end side of an end face of the internal optical fiber which butts to the insert optical fiber is made a beveled end face by cutting process.

No. of Pages: 32 No. of Claims: 8

(21) Application No.7174/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :16/08/2012 (43) Publication Date : 26/12/2014

(54) Title of the invention : METHODS AND APPARATUSES FOR DETERMINING IF ACCESS TO A REGION IS FEASIBLE OR INFEASIBLE FOR A USER OF A MOBILE DEVICE

(57) Abstract:

Techniques are provided which may be implemented using various methods and/or apparatuses in a mobile device to allow the mobile device to obtain map information associated with at least a portion of an indoor environment comprising a plurality of regions. The mobile device may also obtain additional measurement information associated with at least the portion of the indoor environment, wherein the additional measurement information is based, at least in part, on previously obtained estimated position measurement information associated with a plurality of mobile devices within the indoor environment. The mobile device may determine whether access to at least one of the plurality of regions is either feasible or infeasible to a user associated with the mobile device. The determination may be based, at least in part, on the map information and the additional measurement information.

No. of Pages: 63 No. of Claims: 81

(21) Application No.7175/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :16/08/2012 (43) Publication Date : 26/12/2014

(54) Title of the invention : METHODS AND APPARATUS FOR COMMUNICATING INFORMATION USING VARIOUS TRANSMISSION POWER MODES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:H04W52/34 :12/712,629 :25/02/2010 :U.S.A. :PCT/US2011/026318 :25/02/2011 :WO/2011/106699 :NA :NA :NA	(71)Name of Applicant: 1)QUALCOMM INCORPORATED Address of Applicant: International IP Administration 5775 Morehouse Drive San Diego California 92121-1714 U.S.A. (72)Name of Inventor: 1)XINZHOU WU 2)JUNYI LI 3)NILESH KHUDE 4)SUNDAR SUBRAMANIAN
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(57) Abstract:

A wireless communications device supports a constant transmission power mode of operation and a time varying transmission power mode of operation for transmitting data, e.g., peer discovery data. The device determines an amount of network congestion and switches between the two modes of operation as a function of the determined amount of network congestion. Various described methods and apparatus are well suited for use in a peer to peer ad hoc wireless communications system in which a limited amount of air link resources are available for peer discovery signaling and the same peer discovery resources are, at times, used concurrently by multiple devices. When network congestion is low, the device operates in the constant transmission power mode. When network congestion is high, the device operates in the time varying power mode. Devices sharing a common peer discovery resource in a local area intentionally select different time varying transmission patterns.

No. of Pages: 55 No. of Claims: 20

(22) Date of filing of Application :23/08/2012 (43) Publication Date: 26/12/2014

(54) Title of the invention: METHODS FOR MANUFACTURING COLD SEAL FLUID-FILLED DISPLAY APPARATUS

(51) International :G02B26/02,G02F1/01,G02F1/1339 classification

(31) Priority Document No :61/300.731 (32) Priority Date :02/02/2010 (33) Name of priority country: U.S.A.

(86) International Application :PCT/US2011/023387

:01/02/2011

Filing Date

(87) International Publication :WO/2011/097252 No

(61) Patent of Addition to

:NA **Application Number** :NA Filing Date

(62) Divisional to Application :NA Number :NA Filing Date

(71)Name of Applicant: 1)PIXTRONIX INC.

Address of Applicant: 100 Burtt Road Suite 123 Andover

MA 01810 United States of America

(72)Name of Inventor: 1)FIKE Eugene E. 2)WU Joyce H.

3)STEYN Jasper Lodewyk

4)GANDHI Jignesh

(57) Abstract:

This methods and devices described herein relate to displays and methods of manufacturing cold seal fluid-filled displays including MEMS. The fluid substantially surrounds the moving components of the MEMS display to reduce the effects of stiction and to improve the optical and electromechanical performance of the display. The invention relates to a method for sealing a MEMS display at a lower temperature such that a vapor bubble forms only at temperatures about 15°C to about 20°C below the seal temperature. In some embodiments the MEMS display apparatus includes a first substrate a second substrate separated from the first substrate by a gap and supporting an array of light modulators a fluid substantially filling the gap a plurality of spacers within the gap and a sealing material joining the first substrate to the second substrate.

No. of Pages: 86 No. of Claims: 48

(19) INDIA

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

(21) Application No.3421/CHENP/2011 A

(43) Publication Date: 26/12/2014

(54) Title of the invention: IMMERSION NOZZLE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	:B22D41/50 :10 2008 058 647.1 :22/11/2008 :Germany :PCT/EP2009/007731 :29/10/2009 :WO 2010/057566 A1	(71)Name of Applicant: 1)REFRACTORY INTELLECTUAL PROPERTY GMBH & CO. KG Address of Applicant: WIENERBERGSTRASSE 11, 1100 VIENNA Austria (72)Name of Inventor: 1)HACKL, GERNOT 2)NITZL, GERALD
` ' '	•	,
Filing Date	:29/10/2009	(72)Name of Inventor:
(87) International Publication No		
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The invention relates to am ijsmersion nozzle; for example of the kind :\$ed' for continuously casting a metal jnelt A tubular body UO] A-pouring channel .(12), which intends from ..a; first end section 114) of the tubular Mody (10). where a metal melt enters the pouting channel (12), to a second end section £16)» where the metal melt exits the pouring channel (12) via. at least one outlet opening (18.1, 18i2J:, lit least one chamber {20} ifl the areal .;Of the second eiid iffction H&), which runs behind the respective outlet opening (18.1, 18.2) in the flow direction of the metal ;melt, and extends towards the first end section (14) and With at least one connecting opening 21) fietweel the chamber (20) and the pouring channel (12) .

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

(21) Application No.7343/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :24/08/2012 (43) Publication Date : 26/12/2014

(54) Title of the invention: POWER INTERFACE FOR A POWER SUPPLY CIRCUIT

(51) International classification:H05B33/08,H0(31) Priority Document No:10156361.7(32) Priority Date:12/03/2010(33) Name of priority country:EPO

(86) International Application No :PCT/IB2011/050983 Filing Date :09/03/2011

(87) International Publication No :WO/2011/111005

(61) Patent of Addition to Application
Number
Filing Date
(62) Divisional to Application Number
Filing Date
:NA
Filing Date
:NA

:H05B33/08,H02M1/15 (71)**Name of Applicant :**

1)KONINKLIJKE PHILIPS ELECTRONICS N.V. Address of Applicant :GROENEWOUDSEWEG 1

EINDHOVEN 5621 BA NETHERLANDS

(72)Name of Inventor : 1)ELFERICH Reinhold

2)LOPEZ Toni

(57) Abstract:

A parallel resonant converter is operated directly from rectified mains. The single-stage power supply copes with present dimmers (such as leading edge dimmers and trailing edge dimmers) and meets EMC standards. The operating scheme allows avoiding exciting 100/120Hz flicker without using an electrolytic capacitor. This is possible during both full operation and dimmed operation. Deep dimming down to less than 5% is possible and does not require extra power components.

No. of Pages: 19 No. of Claims: 11

(19) INDIA

(22) Date of filing of Application :24/08/2012

(21) Application No.7344/CHENP/2012 A

(43) Publication Date: 26/12/2014

(54) Title of the invention: LIGHTING APPARATUS

(86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date (88) International Application No SPCT/IB2011/050910 (72) Name of Inventor: (73) Name of Inventor: (74) Name of Inventor: (74) Name of Inventor: (74) Name	Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number	:03/03/2011 :WO/2011/114253 :NA :NA :NA	1)HIKMET Rifat Ata Mustafa 2)KRIEGE Jan Cornelis 3)CILLESSEN Johannes Franciscus Maria
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(57) Abstract:

The invention relates to a lighting apparatus comprising a conversion material (2) for converting primary light (4) into secondary light (5) wherein the conversion material (2) comprises converting photolummescent material (15) which degrades to non-converting photolummescent material over time when the conversion material (2) is illuminated by the primary light (4). The conversion material (2) is adapted such that when the conversion material (2) is illuminated by the primary light (4) the relative decrease in concentration of the converting photolummescent material (15) within the conversion material (2) is larger than the relative decrease in intensity of the secondary light (5). This allows the lighting apparatus to provide an only slightly reduced absorbance of the primary light even if a large part of the photolummescent material has been bleached and thus a longer lifetime with the same or a slightly reduced intensity of the secondary light.

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

(21) Application No.7347/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :24/08/2012 (43) Publication Date: 26/12/2014

(54) Title of the invention: MULTIFRAME X-RAY DETECTOR FOR IMAGING SYSTEM WITH DISTRIBUTED XRAY **SOURCES**

(51) International classification :H04N5/32,G01T1/17,G01T1/24 (71) Name of Applicant:

(31) Priority Document No :10156363.3 (32) Priority Date :12/03/2010

(33) Name of priority country :EPO

(86) International Application No:PCT/IB2011/050924

Filing Date :04/03/2011 (87) International Publication No: WO/2011/110985

(61) Patent of Addition to :NA

Application Number :NA Filing Date

(62) Divisional to Application :NA Number :NA

Filing Date

1)KONINKLIJKE PHILIPS ELECTRONICS N.V.

Address of Applicant : GROENEWOUDSEWEG 1

EINDHOVEN 5621 BA NETHERLANDS

(72)Name of Inventor: 1)PIETIG Rainer

2) RUETTEN Walter

3)HERRMANN Christoph

(57) Abstract:

Device and method for synchronously switching activating a first and second charge accumulation section (31 32) for a duration of a first and second predetermined sub-frame and a first and second X-ray source until lapse of a predetermined time frame for each of the first and second charge accumulation section (31 32) for the accumulation of a plurality of temporally distributed partial charges according to an origin of a respective one of the plurality of spatially distributed X-ray sources so as to establish a specific relation between the focal spot position and a rule for accumulating the respective partial measurements e.g. temporally distributed partial charges belonging to the same focal spot positions and to keep the focal spot temperature low by only activating the focal spot for a limited time according to a sub- frame.

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

(21) Application No.7002/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application: 10/08/2012 (43) Publication Date: 26/12/2014

(54) Title of the invention: EFFICIENT USE OF ASSISTANCE DATA SERVICES IN DUAL/MULTI-SIM TERMINALS

(51) International classification :G01S1/00,G01S19/25,G01S5/02 (71)Name of Applicant: (31) Priority Document No

(32) Priority Date :NA (33) Name of priority country :NA

(86) International Application :PCT/IB2010/050792 No

:23/02/2010 Filing Date

(87) International Publication No:WO/2011/104580

(61) Patent of Addition to :NA Application Number :NA Filing Date (62) Divisional to Application

:NA Number :NA Filing Date

1)NOKIA CORPORATION

Address of Applicant : Keilalahdentie 4 FIN-02150 Espoo

Finland

(72)Name of Inventor:

1)Jari Tapani Syrjarinne 2)Jens Christian Schwarzer

(57) Abstract:

Method, apparatus, and computer program product example embodiments of the invention are disclosed for providing flexibly in selecting sources for Assisted Global Navigation Satellite Systems (A-GNSS) services. Example embodiments include at least two SIM modules in a wireless communications device to enable accessing at least two different wireless carriers to obtain at least two different sets of A-GNSS capability information. Optimal A-GNSS features are selected from the A-GNSS capability information from the at least two different wireless carriers and combined into a composite set of optimal A-GNSS features. Example embodiments of the invention may include a wireless communications device having at least two SIM modules sharing one or more RF modems.

No. of Pages: 41 No. of Claims: 24

(19) INDIA

(22) Date of filing of Application :22/08/2012 (43) Publication Date: 26/12/2014

(54) Title of the invention: DATA GATHERING SYSTEM

(51) International

:A61B5/04,A61B5/0408,G06F19/00

classification

(31) Priority Document No (32) Priority Date

:61/300.435 :01/02/2010

(33) Name of priority country: U.S.A.

(86) International Application :PCT/US2011/023013

:28/01/2011

Filing Date

(87) International Publication :WO/2011/094606

No

(61) Patent of Addition to :NA **Application Number** :NA

Filing Date

(62) Divisional to Application:NA Number :NA

Filing Date

(71)Name of Applicant:

1)PROTEUS BIOMEDICAL INC.

(21) Application No.7270/CHENP/2012 A

Address of Applicant :2600 Bridge Parkway Suite 101 Redwood City California 94065 United States of America

(72)Name of Inventor: 1)ZDEBLICK Mark 2)HUTCHISON James

3)ARNE Lawrence

(57) Abstract:

A device for gathering data has first and second electrodes. The first electrode is coupled to a surface of interest and the second electrode is coupled to everything else or the air. The first electrode is shielded from the second and from most sources of parasitic capacitance by a shield that is driven by an active driver that drives the shield to track and ideally to match the instantaneous potential of the electrode. The second electrode is likewise shielded in a similar way from most sources of parasitic capacitance. These shields likewise help to limit the extent to which RFI from the device electronics couples with either of the electrodes. In this way the sensing device achieves a markedly better signal-to-noise ratio at frequency bands of interest.

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

(19) INDIA

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

(21) Application No.7574/CHENP/2012 A

(43) Publication Date: 26/12/2014

(54) Title of the invention: RISK SCORECARD

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:G06E1/00 :12/697,717 :01/02/2010 :U.S.A. :PCT/US2011/023111 :31/01/2011 :WO/2011/094664 :NA :NA	(71)Name of Applicant: 1)BANK OF AMERICA CORPORATION Address of Applicant: NC1-027-20-05 214 N. Tryon Street Charlotte North Carolina 28255 United States of America (72)Name of Inventor: 1)SARAF Asish
. ,		
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Methods computer readable media and apparatuses for evaluating risk associated with a process are presented. Input corresponding to one or more risk elements may be received. An exposure score an impact score a likelihood score and an element score may be determined for each risk element. One or more risk category scores may be determined based on the one or more element scores. One or more risk parameter scores may be determined based on the one or more risk category scores. An overall risk score may be determined based on the one or more risk parameter scores. A risk scorecard may be generated and the risk scorecard may include a risk scorecard that visually depicts one or more of the determined scores.

No. of Pages: 43 No. of Claims: 21

(19) INDIA

(22) Date of filing of Application :31/08/2012 (43) Publication Date : 26/12/2014

(54) Title of the invention: ELECTROSTATIC SPRAY SYSTEM

(71) T	D05D5/005	(71) N
(51) International classification	:B05B5/025	(71)Name of Applicant:
(31) Priority Document No	:12/714,280	1)ILLINOIS TOOL WORKS INC.
(32) Priority Date	:26/02/2010	Address of Applicant :3600 West Lake Avenue Glenview
(33) Name of priority country	:U.S.A.	Illinois 60026 United States of America
(86) International Application No	:PCT/US2011/026063	(72)Name of Inventor:
Filing Date	:24/02/2011	1)SEITZ David M.
(87) International Publication No	:WO/2011/106518	2)HASSELSCHWERT Daniel J.
(61) Patent of Addition to Application	:NA	3)CEDOZ Roger T.
Number		4)BALTZ James P.
Filing Date	:NA	5)BRYANT Jessica Rose
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(21) Application No.7575/CHENP/2012 A

(57) Abstract:

A system in certain embodiments includes a spray device including a frame having a receptacle configured to receive a self-contained spray can. The spray device further includes a first conductive element configured to contact the selfcontained spray can and a first electrical conductor extending between the first conductive element and an earth ground such that a first electrical potential of the self-contained spray can is substantially equal to a second electrical potential of the earth ground while the self-contained spray can is in contact with the first conductive element. The spray device also includes a corona-charging electrode positioned adjacent to a spray nozzle of the self-contained spray can. The corona-charging electrode is configured to emit a stream of ions toward the self-contained spray can such that a spray of fluid from the spray nozzle passes through the stream of ions and becomes electrostatically charged.

No. of Pages: 35 No. of Claims: 20

(21) Application No.6564/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :13/09/2011 (43) Publication Date : 26/12/2014

(54) Title of the invention: PYRIDAZINONE COMPOUND AND USE THEREOF

(51) International classification(31) Priority Document No(32) Priority Date	:C07D237/16 :2009-060943 :13/03/2009	(71)Name of Applicant: 1)SUMITOMO CHEMICAL COMPANY, LIMITED Address of Applicant: 27-1, SHINKAWA 2-CHOME, CHUO-
(33) Name of priority country	:Japan	KU, TOKYO 104-8260 Japan
(86) International Application No	:PCT/JP2010/054725	(72)Name of Inventor:
Filing Date	:12/03/2010	1)FUSAKA, TAKAFUMI
(87) International Publication No	:WO 2010/104217 A1	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A pyridazinone compound represented by formula (I): (I) wherein R1 represents a C1 - 6 alkyl group or a (C1-6 alkyloxy)C1-6 alkyl group, R2 and R3 represent hydrogen or a C1-6 alkyl group, W represents halogen, etc., Z1 represents a Ci-6 alkyl group, Z2 represents a C1-6 alkyl group, a C3-8 cycloalkyl group, etc., and n represents 0, 1, 2, 3 or 4, has a weed-controlling effect and an arthropod-controlling effect.

No. of Pages: 149 No. of Claims: 18

(22) Date of filing of Application :09/08/2012 (43) Publication Date : 26/12/2014

(54) Title of the invention: PROTOCOL STACK POWER OPTIMIZATION FOR WIRELESS COMMUNICATIONS 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 	:H04W52/02 :61/306,357 :19/02/2010 :U.S.A. :PCT/US2011/025330 :17/02/2011 :WO/2011/103355 :NA :NA	(71)Name of Applicant: 1)QUALCOMM INCORPORATED Address of Applicant: International IP Administration 5775 Morehouse Drive San Diego California 92121-1714 U.S.A. (72)Name of Inventor: 1)VIDYUT M. NAWARE 2)KETAN N. PATEL 3)EUGENE T. SY 4)PARVATHANATHAN SUBRAHMANYA
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

User experiences on wireless devices are affected by communication, computation, and user interface capabilities. Another key performance indicator of a wireless device is its battery life. A method, algorithm and apparatus for improving the communication, computation and user interface capabilities of a mobile device is disclosed, which requires the expenditure of less energy and increases battery life. The trade-off between battery life and user experience related to the communication capability is managed by a protocol stack power optimization algorithm that optimally allocates energy resources. The power management algorithm inputs and combines measurements made at various layers of the protocol stack to selectively control a set of actions impacting energy usage. The algorithm maps from a set of measurements to a set of actions that provides the best trade-off between user experience and energy consumption.

No. of Pages: 29 No. of Claims: 43

(22) Date of filing of Application :30/08/2012 (43) Publication Date : 26/12/2014

(54) Title of the invention: EFFICIENT LED-BASED ILLUMINATION MODULES WITH HIGH COLOR RENDERING INDEX

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:10/02/2011 :WO/2011/109150 :NA :NA :NA	(71)Name of Applicant: 1)Xicato Inc. Address of Applicant: 4880 Stevens Creek Blvd. Suite 204 San Jose CA 95129 U.S.A. (72)Name of Inventor: 1)Gerard Harbers 2)Raghuram L.V. Petluri
Filing Date	:NA	

(57) Abstract:

An illumination module (100) includes a light mixing cavity(109) with an interior surface area (104 106 110) and window (108) that are physically separated from an LED (102). A portion of the window (108) is coated with a first wavelength converting material and a portion of the interior surface area (104 106 110) is coated with a second wavelength converting material. The window (108) may be coated with LuAG:Ce. The window (108) may also be coated with a thirdwavelength converting material with a peak emission wavelength between 615-655nm where the spectral response of light emitted from the window (108) is within 20% of a blackbody radiator at the same CCT. The LED (102) may emit a light that is converted by the light mixing cavity (109)with a color conversion efficiency ratio greater than 130lm/Wwhere the light mixing cavity (109) includes two photo-luminescentmaterials with a peak emission wavelengths between 508-528nm and 615-655nm.

No. of Pages: 39 No. of Claims: 28

(21) Application No.7657/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :05/09/2012 (43) Publication Date : 26/12/2014

(54) Title of the invention : METHOD APPARATUS AND SYSTEM FOR SWITCHING TRAFFIC STREAMS AMONG MULTIPLE FREQUENCY BANDS

(51) International classification: H04B7/24, H04B1/50, H04W80/02 (71) Name of Applicant: (31) Priority Document No 1)INTEL CORPORATION :61/327.757 (32) Priority Date :26/04/2010 Address of Applicant :2200 MISSION COLLEGE BLVD. SANTA CLARA CA 95052 USA (33) Name of priority country :U.S.A. (86) International Application (72)Name of Inventor: :PCT/US2011/033878 1)TRAININ Solomon B. :26/04/2011 Filing Date (87) International Publication :WO 2011/139666 No (61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to Application :NA Number :NA

(57) Abstract:

Filing Date

Devices systems and methods may provide control of traffic streams before transition to another frequency band during a transition and after a transition is completed and the devices are active in the other frequency band or in multiple frequency bands. The provided solution cover the transparent mode when the devices have the same Medium Access Control (MAC) addresses in both frequency bands and the non-transparent mode when at least one of the communicating devices has different MAC addresses in the different frequency bands.

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

(21) Application No.6856/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :06/08/2012

(43) Publication Date: 26/12/2014

(54) Title of the invention: ADDITIVE COMPOSITION FOR SKIM COAT MORTAR AND A SKIM COAT MORTAR COMPOSITION COMPRISING THE ADDITIVE COMPOSITION

(51) International

:C11D3/075,C04B24/04,C04B24/16 classification

:10-2010-0002768 (31) Priority Document No (32) Priority Date :12/01/2010 (33) Name of priority country: Republic of Korea (86) International Application :PCT/KR2011/000201 No

:12/01/2011 Filing Date

(87) International Publication :WO/2011/087262

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to Application:NA Number :NA Filing Date

(71)Name of Applicant:

1)SAMSUNG FINE CHEMICALS CO. LTD.

Address of Applicant: 190 Yeocheon-dong Nam-gu Ulsan

680-090 Republic of Korea (72)Name of Inventor: 1)KANG Jin Kyu

2)KIM Tae Hong

(57) Abstract:

Disclosed are an additive composition for skim coat mortar and a skim coat mortar composition comprising the additive composition. The disclosed additive composition for skim coat mortar comprises a cellulose ether and at least one type of auxiliary additive.

No. of Pages: 17 No. of Claims: 18

(19) INDIA

(22) Date of filing of Application :14/08/2012 (43) Public

(21) Application No.7123/CHENP/2012 A

(43) Publication Date: 26/12/2014

(54) Title of the invention: PATIENT INTERFACE DEVICE WITH CHEEKBONE STABILIZATION

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (26) International Application No. 	:A61M16/06 :61/311586 :08/03/2010 :U.S.A.	(71)Name of Applicant: 1)KONINKLIJKE PHILIPS ELECTRONICS N.V. Address of Applicant: GROENEWOUDSEWEG 1 EINDHOVEN 5621 BA NETHERLANDS (72)Nome of Inventor.
 (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:14/02/2011 :WO/2011/110961 :NA :NA :NA :NA	(72)Name of Inventor: 1)MATULA Jerome Jr.

(57) Abstract:

A patient interface device (30 230 330 430 530 630 730) that includes a support member (34 234 334 434 534 634) comprising a central support portion and a pair of cheek mount supports (70) coupled to the central portion. Each cheek mount support is configured to apply a force a side a users cheekbone while applying substantially no force over an apex of such a users cheekbone responsive to the patient interface device being worn by a user. A seal member (36 236 336 436 536 636 736) is coupled to the support portion. The seal member is adapted to seal against a surface of a user to communicate a flow of gas with an airway of such a user. A conduit coupling member (38 355 438a 438b 538) is coupled to the seal member.

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

(21) Application No.7124/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :14/08/2012 (43) Publication Date : 26/12/2014

(54) Title of the invention: SCHEDULING OF DOSE CALCULATION TASKS INCLUDING EFFICIENT DOSE CALCULATION

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:61/311407 :08/03/2010 :U.S.A. :PCT/IB2011/050532 :08/02/2011 :WO/2011/110958 :NA	(71)Name of Applicant: 1)KONINKLIJKE PHILIPS ELECTRONICS N.V. Address of Applicant: GROENEWOUDSEWEG 1 EINDHOVEN 5621 BA NETHERLANDS (72)Name of Inventor: 1)BAL Matthieu F. 2)WARD Robert T. 3)JOHNSON Scott L. 4)KAUS Michael
Filing Date (62) Divisional to Application Number	:NA :NA	4)KAUS Michael
Filing Date	:NA	

(57) Abstract:

A system comprises a therapy tasks scheduling module (30) constructing a workflow schedule for performing a plurality of therapy tasks including dose optimizations and a dose optimization module (26) performing a dose optimization in accordance with the workflow schedule to generate a therapy plan. The dose optimization module performs inverse radiation therapy planning that iteratively adjusts (82) a set of radiation therapy parameters (70) to optimize a simulated spatial dose distribution (72) respective to a set of radiation therapy objectives (78). In some embodiments at least some iterations update a region of a fluence map that is smaller than the entire fluence map. In some embodiments at least some iterations optimize the simulated spatial dose distribution respective to a subset of the set of radiation therapy objectives. In some embodiments the simulated spatial dose distribution has a nonuniform voxel size.

No. of Pages: 33 No. of Claims: 28

(21) Application No.7125/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :14/08/2012 (43) Publication Date : 26/12/2014

(54) Title of the invention: PATIENT INTERFACE DEVICE WITH TUBING ASSEMBLY

(51) International classification :A61M16/06,A61M16 (31) Priority Document No :61/311431 (32) Priority Date :08/03/2010

(33) Name of priority country :U.S.A.

(86) International Application No
Filing Date

PCT/IB2011/050610
:14/02/2011

(87) International Publication No :WO/2011/110962

(61) Patent of Addition to Application
Number
Filing Date
(62) Divisional to Application Number
Filing Date
:NA
:NA
:NA

:A61M16/06,A61M16/08 (71)**Name of Applicant :**

1)KONINKLIJKE PHILIPS ELECTRONICS N.V. Address of Applicant :GROENEWOUDSEWEG 1

EINDHOVEN 5621 BA NETHERLANDS

(72)Name of Inventor: 1)SMITH David W.

(57) Abstract:

A patient interface device (10) that includes a patient sealing element (12) and a tubing assembly (14) fluidly coupled to the patient sealing element for delivering a breathing gas to the patient sealing element. The tubing assembly is adapted to be worn on a head of a user and includes at least one rigid or semi-rigid straight segment (20) fluidly coupled to at least one flexible bellows segment (18). The tubing assembly may be provided within a headgear component (16) used to attach the patient interface device to the patients head.

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

(21) Application No.7529/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :31/08/2012 (43) Publication Date : 26/12/2014

(54) Title of the invention: INTERWORKING OF NETWORKS WITH SINGLE RADIO HANDOVER

(51) International classification :H04W36/14, (31) Priority Document No :12/718,107 (32) Priority Date :05/03/2010 (33) Name of priority country :U.S.A.

(86) International Application No :PCT/US2011/025727 Filing Date :22/02/2011

(87) International Publication No :WO/2011/109189

(61) Patent of Addition to Application
Number
Filing Date
(62) Divisional to Application Number
Filing Date
:NA
Filing Date
:NA

:H04W36/14,H04W88/06 (71)**Name of Applicant :** :12/718,107 **1)INTEL CORPORATION**

Address of Applicant :2200 MISSION COLLEGE BLVD.

SANTA CLARA CA 95052 USA

(72)Name of Inventor: 1)TAAGHOL Pouya 2)JAIN Puneet

(57) Abstract:

Embodiments of systems and methods for interworking of networks using a single radio handover are generally described herein. Other embodiments may be described and claimed.

No. of Pages: 32 No. of Claims: 27

(21) Application No.7987/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :17/09/2012 (43) Publication Date : 26/12/2014

(54) Title of the invention : SYSTEM AND METHOD FOR HIGHLY RELIABLE DELIVERY OF LIFECRITICALALARMS THROUGH SHARED WIRELESS CHANNELS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application 	:61/321166 :06/04/2010 :U.S.A. :PCT/IB2011/050990 :09/03/2011 :WO/2011/124993	(71)Name of Applicant: 1)KONINKLIJKE PHILIPS ELECTRONICS N.V. Address of Applicant: GROENEWOUDSEWEG 1 EINDHOVEN 5621 BA NETHERLANDS (72)Name of Inventor: 1)SOOMRO Amjad A. 2)KOTFILA Mark S. 3)SCHMITT Ruediger
Number Filing Date	:NA :NA	4)RAYMOND Phillip
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A patient monitor includes a plurality of monitoring devices which collect data about a patient. An evaluation unit determines the patients condition from the collected data and generates an alarm if the patients condition warrants notifying an appropriate medical responder. A communication unit which transmits the alarm to a access point over a hospital Internet protocol (IP) network the communication device includes a first transmitter for transmitting the alarm using a primary link and a second transmitter for transmitting the alarm using a secondary link in response to the transmission using the primary link failing.

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

(21) Application No.7351/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :24/08/2012 (43) Publication Date: 26/12/2014

(54) Title of the invention: CELLULAR COMMUNICATION SYSTEM WITH MOVING BASE STATIONS AND METHODS AND APPARATUS USEFUL IN CONJUNCTION THEREWITH

:H04W84/00,H04W40/24 | (71)Name of Applicant : (51) International classification (31) Priority Document No :203568 (32) Priority Date :28/01/2010 (33) Name of priority country :Israel

(86) International Application No :PCT/IL2011/000096 Filing Date :27/01/2011

(87) International Publication No :WO/2011/092698

(61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

1)ELTA SYSTEMS LTD.

Address of Applicant: 100 Yitzchak Hanassi Blvd. P.O.B.

330 77102 Ashdod Israel (72)Name of Inventor: 1)GILOH Benjamin

(57) Abstract:

A mobile communication network system comprising a core network including a core device and at least one static base station; base stations; and Mobile stations communicating via antennae with the base stations; The base stations including at least one moving base station which communicates via antennae with the mobile stations and has a physical e.g. Ethernet back-connection to a co-located radio manager having a physical connection with a co-located mobile station communicating via antennae with at least one selectable static base station wherein each individual co-located radio manager comprises a radio resource manager; and functionality for receiving information from and sending

No. of Pages: 70 No. of Claims: 104

(21) Application No.7352/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :24/08/2012

(43) Publication Date: 26/12/2014

(54) Title of the invention: TRANSPORT STREAM PACKET HEADER COMPRESSION

(51) International classification	:H04N7/24	(71)Name of Applicant:
(31) Priority Document No	:10154898.0	1)PANASONIC CORPORATION
(32) Priority Date	:26/02/2010	Address of Applicant :1006 Oaza Kadoma Kadoma-shi
(33) Name of priority country	:EPO	Osaka 5718501 Japan
(86) International Application No	:PCT/JP2011/001084	(72)Name of Inventor:
Filing Date	:24/02/2011	1)MIHAIL PETROV
(87) International Publication No	:WO/2011/105097	2)FRANK HERRMANN
(61) Patent of Addition to Application	:NA	3)TOMOHIRO KIMURA
Number	:NA	4)MIKIHIRO OUCHI
Filing Date	.11/1	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A demultiplexer 630 routes only one or more transport stream packets with a single packet identifier value to each physical layer pipe. A header compression unit 620 replaces the packet identifier of the transport stream packet with a short packet identifier of one bit length indicating at least whether the transport stream packet is a NULL packet.

No. of Pages: 68 No. of Claims: 18

(21) Application No.7497/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :30/08/2012 (43) Publication Date: 26/12/2014

(54) Title of the invention: ACCESS POINT COMMUNICATION SYSTEM AND METHOD FOR ESTIMATING A PATH LOSS VALUE THEREFOR

(51) International :H04W24/02,H04W52/24,H04W84/04 classification

(31) Priority Document No :1003520.2 (32) Priority Date :03/03/2010

(33) Name of priority :U.K.

country

(86) International :PCT/EP2011/052979 Application No

:01/03/2011 Filing Date

(87) International

:WO/2011/107453 Publication No

:NA

(61) Patent of Addition to

:NA **Application Number** :NA

Filing Date (62) Divisional to :NA **Application Number**

Filing Date

(71)Name of Applicant: 1)IP.ACCESS LIMITED

Address of Applicant : Building 2020 Cambourne Business Park Cambourne Cambridge Cambridgeshire CB23 7DW U.K.

(72)Name of Inventor:

1)AKHILESH POKHARIYAL

(57) Abstract:

A method and an access point for estimating a path loss value for a femto cell. The method comprises, at the femto access point of the femto cell, receiving (340) at least one indication of signal strength for at least one neighbour cell from at least one wireless communication unit, analysing (350) the received at least one indication of signal strength for the at least one neighbour cell to determine (360) at least one location characteristic, and estimating (370) a path loss value for the femto cell based at least partly on the determined at least one location characteristic.

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

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

(43) Publication Date: 26/12/2014

(54) Title of the invention : COMPOUND HAVING HETERO RING SKELETON AND PROCESS FOR PRODUCING OPTICALLY ACTIVE COMPOUND USING THE AFOREMENTIONED COMPOUND AS ASYMMETRIC CATALYST

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:C07D235/30 :2009-096449 :10/04/2009 :Japan :PCT/JP2010/056463 :09/04/2010	(71)Name of Applicant: 1)KYOTO UNIVERSITY Address of Applicant: 36-1, YOSHIDA-HONMACHI, SAKYO-KU, KYOTO-SHI, KYOTO 606-8501 Japan 2)SUMITOMO CHEMICAL COMPANY, LIMITED (72)Name of Inventor:
(87) International Publication No	:WO 2010/117064 A1	1)TAKEMOTO, YOSHIJI 2)MURAKAMI, KAZUO
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:NA :NA	
Filing Date	:NA	

(57) Abstract:

The present invention provides a compound having a heterocyclic skeleton, which is represented by of the formula (I): wherein R1 and R2 are the same or different and each is a lower alkyl group optionally having substituent (s), an aralkyl group optionally having substituent(s) or an aryl group optionally having substituent(s), or R1 and R2 in combination form, together with the nitrogen atom they are bonded to, a heterocycle optionally having substituent

No. of Pages: 73 No. of Claims: 15

(21) Application No.7561/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :31/08/2012 (43) Publication Date : 26/12/2014

(54) Title of the invention : METHOD AND APPARATUS FOR COMMUNICATION OF EMERGENCY RESPONSE INSTRUCTIONS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 		(71)Name of Applicant: 1)QUALCOMM INCORPORATED Address of Applicant: Attn: International IP Administration 5775 Morehouse Drive San Diego California 92121-1714 United States of America (72)Name of Legendres
Filing Date (87) International Publication No	:10/02/2011 :WO/2011/100454	(72)Name of Inventor : 1)DAS Saumitra Mohan
(87) International Publication No (61) Patent of Addition to Application Number Filing Date	:NA :NA	2)KHORASHADI Behrooz 3)HARDIE Edward Thomas Lingham
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The subject matter disclosed herein relates to a system and method for facilitating communication between a user of a mobile station and an emergency responder.

No. of Pages: 50 No. of Claims: 57

(21) Application No.7869/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application: 12/09/2012 (43) Publication Date: 26/12/2014

(54) Title of the invention: DEVICE AND METHOD FOR THE PREVENTION OF WANDERING

(51) International :G08B21/02,G08B3/10,H04M1/725 classification

(31) Priority Document No :10157774.0 (32) Priority Date :25/03/2010

(33) Name of priority country: EPO

(86) International Application :PCT/IB2011/051116

:17/03/2011 Filing Date

No

(87) International Publication :WO/2011/117785

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to Application :NA Number :NA Filing Date

(71)Name of Applicant:

1)KONINKLIJKE PHILIPS ELECTRONICS N.V.

Address of Applicant :GROENEWOUDSEWEG 1

EINDHOVEN 5621 BA NETHERLANDS

(72)Name of Inventor:

1)AARTS Ronaldus Maria

2)WALS Jeroen

(57) Abstract:

There is provided a device for use by a user who may wander that comprises an audio unit for generating a first output audible to the user in response to a determination that the user is within a predetermined safe area. The audible output preferably comprises music. There is also provided a method of operating a device that is to be worn or carried by a user comprising generating a first output audible to the user using an audio unit in the device in response to a determination that the user is within a predetermined safe area.

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

(21) Application No.8024/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application: 17/09/2012

(43) Publication Date: 26/12/2014

(54) Title of the invention: MONITOR FOR FRONT TERMINAL BATTERIES

(51) International classification	:H01M10/42,G01R31/36	(71)Name of Applicant:
(31) Priority Document No	:61/309,977	1)MIDTRONICS INC.
(32) Priority Date	:03/03/2010	Address of Applicant: 7000 Monroe Street Willowbrook IL
(33) Name of priority country	:U.S.A.	60527 (US) U.S.A.
(86) International Application No	:PCT/US2011/026608	(72)Name of Inventor:
Filing Date	:01/03/2011	1)BERTNESS Kevin I.
(87) International Publication No	:WO/2011/109343	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.IVA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A battery monitoring device (104) configured to monitor a storage battery (102). The battery monitoring device (104) includes Kelvin connectors (180 182) configured to couple to the terminals (290 292) of the storage battery (102). The battery monitoring device (104) is configured to receive data from a second battery monitoring device (102). Further the battery monitoring device (104) is configured to measure a parameter of the storage battery (102). The measured parameter and the data received from the second battery monitoring device (104) are communicated to a receiving station (106).

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

(21) Application No.8025/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application: 18/09/2012 (43) Publication Date: 26/12/2014

(54) Title of the invention: METHOD FOR SYNTHESISING DIAMOND

(51) International

:C01B31/06,C30B29/04,C30B35/00

classification

(31) Priority Document No :1004373.5 (32) Priority Date :16/03/2010

(33) Name of priority country: U.K.

(86) International Application :PCT/GB2011/000369

Filing Date

:16/03/2011

(87) International Publication: WO 2011/114102

No

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to Application :NA Number :NA

Filing Date (57) Abstract:

(71)Name of Applicant:

1)DESIGNED MATERIALS LIMITED

Address of Applicant :2A Langton Road Great Bowden Market harborough Leicestershire LE16 7EZ United Kingdom

(72)Name of Inventor:

1)TAYLOR Philip H.

A method of synthesising diamond the method comprising; (i) providing in the presence of an atomic hydrogen plasma and/or in the presence of atomic hydrogen radicals in a dissolution zone a liquid metal saturated with carbon with respect to graphite precipitation; (ii) transferring at least a portion of the liquid metal from the dissolution zone to a deposition zone - (vi) exposing the liquid metal in the deposition zone to atomic hydrogen plasma and/or to atomic hydrogen radicals the temperature of the liquid metal in the deposition zone being lower than the temperature of the liquid metal in the dissolution zone such that the liquid metal in the deposition zone is saturated preferably supersaturated with carbon with respect to diamond precipitation; (vii) precipitating carbon from the liquid metal in the deposition zone to synthesise diamond; and (viii) optionally removing the synthesised diamond from the metal.

No. of Pages: 58 No. of Claims: 24

(22) Date of filing of Application :21/09/2012 (43) Publication Date : 26/12/2014

(54) Title of the invention: METHOD AND APPARATUS FOR SIGNALING USER EQUIPMENT CAPABILITIES

(51) International classification	:H04W8/22	(71)Name of Applicant :
(31) Priority Document No	:61/321,048	1)QUALCOMM INCORPORATED
(32) Priority Date	:05/04/2010	Address of Applicant :Attn: International IP Administration
(33) Name of priority country	:U.S.A.	5775 Morehouse Drive San Diego California 92121-1714
(86) International Application No	:PCT/US2011/031303	United States of America
Filing Date	:05/04/2011	(72)Name of Inventor:
(87) International Publication No	:WO 2011/127094	1)ZHANG Danlu
(61) Patent of Addition to Application	:NA	2)GHOLMIEH Aziz
Number	:NA	3)SAMBHWANI Sharad Deepak
Filing Date	.11/1	4)LEE Heechoon
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Apparatus and methods that provide wireless communications where a method for wireless communications includes receiving at a Node B a first set of bits indicating at least two frequency bands supported by a UE for HSDPA the first set of bits further specifying a number of downlink adjacent carriers supported by the UE for each of the at least two frequency bands. The method also includes transmitting a first set of bits indicating support for a set of carriers for each band the information comprising information related to a maximum channel bandwidth supported for that band; and transmitting a second set of bits indicating a configuration for the set of carriers under which multiple uplinks will be supported.

No. of Pages: 43 No. of Claims: 34

(22) Date of filing of Application :06/09/2012 (43) Publication Date : 26/12/2014

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

 (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:G06T19/00 :2010-066357 :23/03/2010 :Japan :PCT/JP2011/056784 :22/03/2011 :WO 2012/127605 :NA :NA :NA	(71)Name of Applicant: 1)ubusunaInc. Address of Applicant: 3 8 Nanpeidai cho Shibuya ku Tokyo 1500036 Japan (72)Name of Inventor: 1)MARUTA Hajime
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(57) Abstract:

The invention comprises: a camera for photographing real space; a display unit for displaying an image related to the real space photographed by the camera; an acquisition unit for accessing a memory device in which content to be superimposed on the image and displayed is stored and acquiring on the basis of position information that includes the position and orientation of the camera the content and the position information of an object for displaying the content among the objects included in the image; and a controller for superimposing the content acquired by the acquisition unit on the image and displaying the content on the display unit. The controller sets an orientation reference line related to orientation and a distance reference line related to distance on a screen calculates the position of the object in relation to the camera on the basis of the position information of the camera and the position information of the object specifies the horizontal position of the object on the screen on the basis of the orientation reference line specifies the vertical position of the object on the screen on the basis of the distance reference line and specifies the display position of the object on the screen.

No. of Pages: 42 No. of Claims: 7

(21) Application No.7884/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application: 12/09/2012

(43) Publication Date: 26/12/2014

(54) Title of the invention: INTELLIGENT NETWORK

(51) International classification :G05B19/418,H04L12/24 (71)Name of Applicant :

(31) Priority Document No :61/315,897 (32) Priority Date :19/03/2010 (33) Name of priority country :U.S.A.

(86) International Application No :PCT/US2011/028641

Filing Date :16/03/2011

(87) International Publication No :WO 2011/116074

(61) Patent of Addition to Application :NA :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

1)Accenture Global Services Limited

Address of Applicant: 3 Grand Canal Plaza Grand Canal

Street Upper Dublin 4 IRELAND

(72)Name of Inventor:

1)DORN John

2)TAFT Jeffrey David

(57) Abstract:

A network intelligence system may include a plurality of sensors located throughout and industry system. The sensors may obtain data related to various aspects of the industry network. The network intelligence system may include system endpoint intelligence and system infrastructure intelligence. The system endpoint and system infrastructure intelligence may provide distributed intelligence allowing localized decision-making to be made within the industry system based in response to system operation and occurrences. The network intelligence may include a centralized intelligence portion to communicate with endpoint and infrastructure intelligence. The centralized intelligence portion may provide responses on a localized level of the system or on a system-wide level.

No. of Pages: 133 No. of Claims: 20

(21) Application No.7059/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :13/08/2012 (43) Publication Date : 26/12/2014

(54) Title of the invention: DETECTOR

(51) International classification :G08B17/10,G0 (31) Priority Document No :2010-010860 (32) Priority Date :21/01/2010 :Japan

(86) International Application No :PCT/JP2011/000218

Filing Date :18/01/2011 (87) International Publication No :WO/2011/089879

(61) Patent of Addition to Application
Number
Filing Date
(62) Divisional to Application Number
Filing Date
:NA
Filing Date
:NA

:G08B17/10,G01N27/416 (71)Name of Applicant : :2010-010860 1)HOCHIKI Corporation

Address of Applicant :10-43 Kamiosaki 2-chome Shinagawa-

ku Tokyo 141-8660 Japan (72)Name of Inventor:
1)MAMMOTO Atsushi
2)EBATA Hiromichi

(57) Abstract:

A system for providing pure water having user desired taste includes a water inlet configured to provide water having first total dissolved solids level a means to bi-furcate flow of water into a first flow channel and a second flow channel a reverse osmosis membrane filter configured to remove dissolved solids from the water in first flow channel to provide water having second total dissolved solids level at least one flow regulator configured to regulate the flow of water in second flow channel and an electronic control device configured to facilitate user of the system to select a desired taste of an output water and regulate functioning of flow regulator to provide water with desired taste by enabling controlled dispensing of water into the storage reservoir leading to the mixing of water having second total dissolved solids level and water having first total dissolved solids level.

No. of Pages: 93 No. of Claims: 16

(21) Application No.7905/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application: 12/09/2012 (43) Publication Date: 26/12/2014

(54) Title of the invention: PLANTS HAVING ENHANCED YIELD-RELATED TRAITS AND METHOD FOR MAKING THE **SAME**

(51) International

:C12N15/82,A01H1/00,C12N15/05

classification

:61/315092

(31) Priority Document No (32) Priority Date

:18/03/2010

(33) Name of priority country: U.S.A.

(86) International Application

:PCT/IB2011/051122

No

:17/03/2011

Filing Date

(87) International Publication

:WO/2011/114305

(61) Patent of Addition to

:NA

Application Number Filing Date

:NA

(62) Divisional to Application

:NA

Number Filing Date

:NA

(57) Abstract: The present invention relates generally to the field of molecular biology and concerns a method for enhancing various economically important yield-related traits in plants. More specifically the present invention concerns a method for enhancing yield-related traits in plants by modulating expression in a plant of a nucleic acid encoding a CLE-type 2 polypeptide or a BI-1 polypeptide or a SEC22 polypeptide. The present invention also concerns plants having modulated expression of a nucleic acid encoding a CLE-type 2 polypeptide or a BI-1 polypeptide or a SEC22 polypeptide which plants have enhanced yield-related traits relative to control plants.

No. of Pages: 170 No. of Claims: 65

(71)Name of Applicant:

1)BASF PLANT SCIENCE COMPANY GMBH

Address of Applicant :67056 Ludwigshafen Germany

(72)Name of Inventor:

1)HATZFELD Yves

2) REUZEAU Christophe

(21) Application No.7908/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :28/10/2011 (43) Publication Date : 26/12/2014

(54) Title of the invention: REACTIVE INORGANIC CLUSTER

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:C08G77/26 :61/174,255 :30/04/2009 :U.S.A. :PCT/US2010/032967 :29/04/2010 :WO 2010/127116 A1 :NA :NA	(71)Name of Applicant: 1)DOW GLOBAL TECHNOLOGIES LLC Address of Applicant: 2040 DOW CENTER, MIDLAND, MICHIGAN 48674 U.S.A. (72)Name of Inventor: 1)BENES, HYNEK 2)GERARD, JEAN-FRANCOIS 3)VALETTE, LUDOVIC
(62) Divisional to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number	*- :	

(57) Abstract:

Storage-stable reactive inorganic clusters and a process for preparing such storage stable reactive inorganic clusters(e.g, silica structures) having, for example reactive amino groups. The storage stable reactive inorganic clusters may be used as a curing agent for the thermosetting resin compositions such as epoxy resins.

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

(21) Application No.7908/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :13/09/2012 (43) Publication Date : 26/12/2014

(54) Title of the invention : METHOD AND APPARATUS TO FACILITATE VOICE ACTIVITY DETECTION AND COEXISTENCE MANAGER DECISIONS

(51) International classification	:H04W72/12	(71)Name of Applicant:
(31) Priority Document No	:61/319,095	1)QUALCOMM INCORPORATED
(32) Priority Date	:30/03/2010	Address of Applicant :Attn: International IP Administration
(33) Name of priority country	:U.S.A.	5775 Morehouse Drive San Diego California 92121-1714
(86) International Application No	:PCT/US2011/030499	United States of America
Filing Date	:30/03/2011	(72)Name of Inventor:
(87) International Publication No	:WO/2011/126879	1)LINSKY Joel Benjamin
(61) Patent of Addition to Application	:NA	2)WANG Jibing
Number	*	3)KADOUS Tamer A.
Filing Date	:NA	4)MANTRAVADI Ashok
(62) Divisional to Application Number	:NA	5)DAYAL Pranav
Filing Date	:NA	
(57) Abstract:		

(57) Abstract:

A system and method to facilitate voice activity detection and coexistence manager decisions is provided and include identifying a connection utilizing a first resource and a content stream corresponding to the connection where the first resource conflicts with a second resource. The content of the content stream is classified into multiple levels based on a value of the content and then a priority is assigned to the first and second resources based on the level of the content of the first resource.

No. of Pages: 39 No. of Claims: 22

(22) Date of filing of Application :04/10/2011 (43) Publication Date : 26/12/2014

(54) Title of the invention: HEADER COMPRESSION FOR IP RELAY NODES

(51) International classification	:H04W28/06	(71)Name of Applicant:
(31) Priority Document No	:61/168,522	1)QUALCOMM INCORPORATED
(32) Priority Date	:10/04/2009	Address of Applicant :INTERNATIONAL IP
(33) Name of priority country	:U.S.A.	ADMINISTRATION, 5775 MOREHOUSE DRIVE, SAN
(86) International Application No	:PCT/US2010/030767	DIEGO, CALIFORNIA 92121-1714 U.S.A.
Filing Date	:12/04/2010	(72)Name of Inventor:
(87) International Publication No	:WO 2010/118431 A1	1)FATIH ULUPINAR
(61) Patent of Addition to Application	:NA	2)YONGSHENG SHI
Number	:NA	3)GAVIN BERNARD HORN
Filing Date	.11/1	4)PARAG ARUN AGASHE
(62) Divisional to Application Number	:NA	5)XIAOLONG HUANG
Filing Date	:NA	

(57) Abstract:

Systems and methodologies are described that facilitate compressing headers for internet protocol (IP) relay nodes. In particular, a plurality of IP headers in a packet and at least one tunneling protocol header can be compressed to facilitate efficient communications of packets between IP relay nodes and/or a donor access point. In addition, IP relay nodes can be limited in a number of upstream bearers and can provide a greater number of downstream bearers. In this regard, the IP relay nodes can compress headers for upstream packets related to one or more downstream devices utilizing disparate context identifiers for the upstream packets. Thus, the upstream packets can be distinguished from each other while sent over the same upstream bearer.

No. of Pages: 61 No. of Claims: 42

(19) INDIA

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

(21) Application No.7547/CHENP/2012 A

(43) Publication Date: 26/12/2014

(54) Title of the invention: DATA PROCESSING APPARATUS AND METHOD FOR TRANSFERRING WORKLOAD BETWEEN SOURCE AND DESTINATION PROCESSING CIRCUITRY

:G06F1/32,G06F15/167 (71)Name of Applicant : (51) International classification (31) Priority Document No :12/659.230 (32) Priority Date :01/03/2010 (33) Name of priority country :U.S.A.

(86) International Application No :PCT/GB2011/050315 Filing Date :17/02/2011

(87) International Publication No :WO/2011/107775

(61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

1)ARM LIMITED

Address of Applicant: 110 Fulbourn Road Cherry Hinton

Cambridge CB1 9NJ United Kingdom

(72)Name of Inventor:

1)PETER RICHARD GREENHALGH

(57) Abstract:

In response to a transfer stimulus, performance of a processing workload is transferred from a source processing circuitry to a destination processing circuitry, in preparation for the source processing circuitry to be placed in a power saving condition following the transfer. To reduce the number of memory fetches required by the destination processing circuitry following the transfer, a cache of the source processing circuitry is maintained in a powered state for a snooping period. During the snooping period, cache snooping circuitry snoops data values in the source cache and retrieves the snoop data values for the destination processing circuitry.

No. of Pages: 65 No. of Claims: 32

(22) Date of filing of Application :29/08/2011 (43) Publication Date : 26/12/2014

(54) Title of the invention : DEVICE FOR DISTRIBUTING A POLYPHASE MIXTURE COMPRISING A JET BREAKER TRAY PERFORATED WITH DIFFERENT TYPES OF HOLES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:B05B :10/03.531 :03/09/2010 :France :NA :NA : NA :NA	(71)Name of Applicant: 1)IFP ENERGIES NOUVELLES Address of Applicant: 1 & 4 AVENUE DE BOIS-PREAU, 92852 RUEIL-MALMAISON CEDEX France (72)Name of Inventor: 1)AUGIER, FREDERIC 2)BAZER-BACHI, FREDERIC 3)BOYER, CHRISTOPHE 4)GAGNIERE, EMILIE
(62) Divisional to Application Number Filing Date	:NA :NA :NA	4)GAGNIERE, EMILIE

(57) Abstract:

The present invention concerns a device for distributing a polyphase mixture constituted by at least one gas phase and at least one liquid phase, said mixture being in downflow mode passing through at least one bed of solid particles, and said device comprising at least one tray (1) located above a bed of solid particles, a plurality of mixing channels (2) for the liquid and gas phases, a dispersive system of the jet breaker tray type (3) with holes provided with flanges (36) over at least a portion of its perimeter, disposed beneath the mixing channels (2) and above the bed of solid particles, said distribution device being characterized in that the dispersive system (3) comprises at least two types of holes (34, 35).

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

(22) Date of filing of Application :02/08/2012

(43) Publication Date: 26/12/2014

(54) Title of the invention : COMPOSITIONS OF PROKARYOTIC PHENYLALANINE AMMONIA LYASE VARIANTS AND METHODS OF USING COMPOSITIONS THEREOF

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:C07K1/00 :61/301478 :04/02/2010 :U.S.A. :PCT/US2011/023534 :03/02/2011 :WO 2011/097335 A2 :NA :NA	3)ZECHERLE G. Nick 4)ANTONSEN Kris 5)ZHANG Yanhong 6)LY Kieu Y 7)FITZPATRICK Paul A.
- 14	:NA :NA	7)FITZPATRICK Paul A. 8)KAKKIS Emil D.
Filing Date	:NA	9)VELLARD Michel Claude 10)WENDT Daniel J. 11)MUTHALIF Mubarack

(57) Abstract:

Provided herein are phenylalanine ammonia lyase (PAL) variants produced by prokaryotes wherein such prokaryotic PAL variant has a greater phenylalanine converting activity and/or a reduced immunogenicity as compared to a wild type PAL. Further provided are compositions of prokaryotic PAL and biologically active fragments mutants variants or analogs thereof as well as methods for the production purification formulation and use of such compositions for industrial and therapeutic purposes e.g. treating hyperphenylalaninemia including phenylketonuria and other disorders including cancer.

No. of Pages: 167 No. of Claims: 75

(21) Application No.6952/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :08/08/2012 (43) Publication Date: 26/12/2014

(54) Title of the invention: DATA STRUCTURE MAPPING AND NAVIGATION

(51) International classification :G06F3/14,G06F3/01,G06F9/44 (71)Name of Applicant :

:12/708615 (31) Priority Document No (32) Priority Date :19/02/2010 (33) Name of priority country :U.S.A.

(86) International Application No :PCT/US2011/024596

Filing Date :11/02/2011 (87) International Publication No :WO 2011/103040

(61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to Application

:NA Number :NA Filing Date

1)MICROSOFT CORPORATION

Address of Applicant :One Microsoft Way Redmond WA

98052 6399 U.S.A.

(72)Name of Inventor: 1)CHOUDHARY Bibhu

2)MENON Deepak Achuthan 3)PATEL Atish Jayantilal

(57) Abstract:

Embodiments provide navigable and other information to users. In an embodiment a handheld computing device can be configured to provide a navigable map that includes a number of map list items corresponding to aspects of an underlying data structure. In one embodiment a process includes displaying a number of linked list items of a navigable list map in a first display portion and displaying a preview of pertinent information associated with an item in a second display portion. Other embodiments are available.

No. of Pages: 35 No. of Claims: 10

(19) INDIA

(22) Date of filing of Application :24/10/2011 (43) Publication Date : 26/12/2014

(54) Title of the invention: PYRIMIDINYL AND 1 3 5 TRIAZINYL BENZIMIDAZOLE SULFONAMIDES AND THEIR USE IN CANCER THERAPY

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:26/03/2010 :WO 2010/110685 A8 :NA :NA :NA	(71)Name of Applicant: 1)PATHWAY THERAPEUTICS, INC. Address of Applicant: 409 ILLINOIS STREET, SAN FRANCISCO, CA 94158 U.S.A. (72)Name of Inventor: 1)REWCASTLE, GORDON WILLIAM 2)GAMAGE, SWARNALATHA AKURATIYA 3)FLANAGAN, JACK URQUHART 4)GIDDENS, ANNA CLAIRE 5)TSANG, KIT YEE
Filing Date	:NA	

(57) Abstract:

Provided herein are pyrimidinyl and 1,3,5-triazinyl benzimidazole sulfonamides, e.g., compounds of Formulae (IA), (IB), and (IC), and their pharmaceutical compositions, preparation, and use as agents or drugs for cancer therapy, either alone or in combination with radiation and/or other anticancer drugs.

No. of Pages: 261 No. of Claims: 91

(21) Application No.3128/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :12/09/2011 (43) Publication Date : 26/12/2014

(54) Title of the invention : 6-(4-HYDROXY-PHENYL-3-STYRYL-1H-PYRAZOLO(3,4-B) PYRIDINE-4-CARBOXYLIC ACID AMIDE DERIVATIVES AS KINASE INHIBITORS

(51) International classification :C0 (31) Priority Document No :NA (32) Priority Date :NA (33) Name of priority country :NA (86) International Application No :NA Filing Date :NA (87) International Publication No :NA (61) Patent of Addition to Application Number :NA Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA	1)SANOFI Address of Applicant :174, AVENUE DE FRANCE, 75013 PARIS France (72)Name of Inventor : 1)LOEHN, MATTHIAS 2)MENDEZ-PEREZ, MARIA 3)PFEIFFER-MAREK, STEFANIA 4)KANNT, AIMO 5)BEGIS, GUILLAUME 6DUCLOS OLIVIER
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(57) Abstract:

The present invention relates to pyrazolo[3,4-b]pyridine compounds of the formula I, in which R1, R2, R3, R4 and R5 are defined as indicated below. The compounds of the formula I are kinase inhibitors, and are useful for the treatment of diseases associated with diabetes and diabetic complications, such as, diabetic nephropathy, diabetic neuropathy and diabetic retinopathy, for example. The invention furthermore relates to the use of compounds of the formula I, in particular as active ingredients in pharmaceuticals, and pharmaceutical compositions comprising them.

No. of Pages: 253 No. of Claims: 11

(19) INDIA

(22) Date of filing of Application :28/08/2012 (43) Publication Date : 26/12/2014

(54) Title of the invention: HIV-1 ENVELOPE BASED FRAGMENTS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application 	:A61K38/00 :61/309,693 :02/03/2010 :U.S.A. :PCT/US2011/026828 :02/03/2011 :WO/2011/109488	(72)Name of Inventor: 1)PHOGAT Sanjay K. 2)VARADARAJAN Raghavan
` /	:NA :NA :NA :NA :NA	

(21) Application No.7436/CHENP/2012 A

(57) Abstract:

The present application relates to a novel HIV-I envelope fragments containing the B12 epitope which may be utilized as an HIV-I vaccine immunogen in particular for eliciting broad neutralizing antibodies following a prime-boost immunization. The present invention encompasses the preparation and purification of immunogenic compositions which are formulated into the vaccines of the present invention.

No. of Pages: 54 No. of Claims: 9

(21) Application No.7595/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :03/09/2012 (43) Publication Date : 26/12/2014

(54) Title of the invention: NAVIGATION DEVICE AND NAVIGATION METHOD

(51) International classification	:G01C21/34,G01C21/36	(71)Name of Applicant:
(31) Priority Document No	:2010-081270	1)AISIN AW CO. LTD
(32) Priority Date	:31/03/2010	Address of Applicant :10 Takane Fujii-cho Anjo-shi Aichi
(33) Name of priority country	:Japan	444-1192 Japan
(86) International Application No	:PCT/JP2011/056139	(72)Name of Inventor:
Filing Date	:09/03/2011	1)SUZUKI Seiichi
(87) International Publication No	:WO/2011/122337	2)KURAUCHI Naoyuki
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A navigation device determines a specific country based on an operation history for executing navigation processing and performs the navigation processing based on map data that corresponds to the determined specific country.

No. of Pages: 56 No. of Claims: 10

(19) INDIA

(22) Date of filing of Application :27/08/2012 (43) Publication Date : 26/12/2014

(54) Title of the invention : FILTER METHOD DYNAMIC IMAGE ENCODING DEVICE DYNAMIC IMAGE DECODING DEVICE AND DYNAMIC IMAGE ENCODING/DECODING DEVICE

(51) T	110 0 15 10 (
(51) International classification	:H04N7/26	(71)Name of Applicant:
(31) Priority Document No	:61/445115	1)PANASONIC CORPORATION
(32) Priority Date	:22/02/2011	Address of Applicant :1006 Oaza Kadoma Kadoma shi Osaka
(33) Name of priority country	:U.S.A.	5718501 Japan
(86) International Application No	:PCT/JP2012/001167	(72)Name of Inventor:
Filing Date	:21/02/2012	1)LIM Chong Soon
(87) International Publication No	:WO 2012/114724	2)WAHADANIAH Viktor
(61) Patent of Addition to Application	:NA	3)NAING Sue Mon Thet
Number	*	4)NISHI Takahiro
Filing Date	:NA	5)SHIBAHARA Youji
(62) Divisional to Application Number	:NA	6)SASAI Hisao
Filing Date	:NA	7)SUGIO Toshiyasu

(57) Abstract:

A filter method that carries out filter processing on a plurality of blocks contained in an image comprises: determination steps (S201 S202) for determining whether each of the plurality of blocks are IPCM blocks; a filter step (S204) for carrying out filter processing on a block among the plurality of blocks that is not an IPCM block i.e. a non IPCM block and generating filtered data; and output steps (S204 S205) for outputting the filtered data as a pixel value of the non IPCM block and outputting the pixel value of the IPCM block which has not undergone filter processing as a pixel value of the IPCM block.

No. of Pages: 97 No. of Claims: 11

(19) INDIA

(22) Date of filing of Application: 11/09/2012

(21) Application No.7874/CHENP/2012 A

(43) Publication Date: 26/12/2014

(54) Title of the invention : CONNECTOR FOR COAXIAL CABLE HAVING ROTATIONAL JOINT BETWEEN INSULATOR MEMBER AND CONNECTOR HOUSING AND ASSOCIATED METHODS

:H01R13/56,H01R35/00 (71)Name of Applicant : (51) International classification (31) Priority Document No 1)COMMSCOPE INC. OF NORTH CAROLINA :12/706.147 (32) Priority Date :16/02/2010 Address of Applicant: 1100 CommScope Place SE Hickory (33) Name of priority country NC 28602 United States of America :U.S.A. (86) International Application No :PCT/US2011/025090 (72)Name of Inventor: Filing Date 1)ISLAM Nahid :16/02/2011 (87) International Publication No :WO/2011/103195 (61) Patent of Addition to Application :NA Number

:NA

:NA

:NA

(57) Abstract:

Filing Date

Filing Date

A connector (30) is to be attached to a coaxial cable (20). The connector (30) includes a connector housing (31) having a cylindrical shape to be coupled to the outer conductor (22). An insulator member (451) has a central opening therein and is rotatably received within the connector housing (31) to define a rotational joint therewith. A center contact (461) has a shaft portion (471) securely received within the central opening of the insulator member (451) and an open end portion (481) extending rearwardly from the shaft portion (471) to securely receive the inner conductor (24) therein.

No. of Pages: 37 No. of Claims: 26

(62) Divisional to Application Number

(21) Application No.7875/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :11/09/2012 (43) Publication Date : 26/12/2014

(54) Title of the invention: AUTOMATIC INJECTION DEVICE WITH DELAY MECHANISM INCLUDING DUAL FUNCTIONING BIASING MEMBER

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:A61M5/20 :61/309,186 :01/03/2010 :U.S.A. :PCT/US2011/025988 :24/02/2011 :WO/2011/109205 :NA :NA	(71)Name of Applicant: 1)ELI LILLY AND COMPANY Address of Applicant: Lilly Corporate Center City of Indianapolis State of Indiana United States of America (72)Name of Inventor: 1)ADAMS Matthew Robert 2)FOURT Jesse Arnold 3)KAPLAN Jonathan I. 4)SILBERSCHATZ Paul Joseph 5)YURCHENCO James R.
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(57) Abstract:

An automatic injection apparatus including a delay mechanism for properly delivering medication prior to the needled syringe of the apparatus being retracted. In one form the delay mechanism includes a shuttle (170) for the syringe a follower (250) a locking member a damping compound between the follower and a supporting surface (308) to dampen rotation of the follower relative to the shuttle and a dual functioning biasing member (290) acting between the shuttle and the follower. When the locking member moves to a release position during an injection the dual functioning biasing member first provides a torsional force to force the follower to rotate relative to the shuttle from a latching position to an unlatching position and then the dual functioning

No. of Pages: 49 No. of Claims: 11

(21) Application No.7613/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :04/09/2012

(43) Publication Date: 26/12/2014

(54) Title of the invention : FORMING METAL FILLED DIE BACKSIDE FILM FOR ELECTROMAGNETIC INTERFERENCE SHIELDING WITH CORELESS PACKAGES

(51) International classification	:H01L23/48,H01L21/60	(71)Name of Applicant:
(31) Priority Document No	:12/755,201	1)INTEL CORPORATION
(32) Priority Date	:06/04/2010	Address of Applicant :2200 MISSION COLLEGE BLVD.
(33) Name of priority country	:U.S.A.	SANTA CLARA CA 95052 USA
(86) International Application No	:PCT/US2011/031079	(72)Name of Inventor:
Filing Date	:04/04/2011	1)NALLA Ravi K.
(87) International Publication No	:WO 2011/126973	2)DELANEY Drew
(61) Patent of Addition to Application	:NA	
Number	.IN/A	

:NA

:NA

:NA

(57) Abstract:

Filing Date

Filing Date

Methods of forming a microelectronic packaging structure and associated structures formed thereby are described. Those methods may include forming a cavity in a carrier material attaching a die in the cavity wherein a backside of the die comprises a metal filled DBF forming a dielectric material adjacent the die and on a bottom side of the carrier material forming a coreless substrate by building up layers on the dielectric material and removing the carrier material from the coreless substrate.

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

(62) Divisional to Application Number

(21) Application No.7909/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :13/09/2012 (43) Publication Date : 26/12/2014

(54) Title of the invention: DISULPHIDE BOND-STABILIZED FUNCTIONAL SOLUBLE MHC CLASS II HETERODIMERS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:C07K14/435 :61/305,728 :18/02/2010 :U.S.A. :PCT/GB2011/050325 :18/02/2011 :WO/2011/101681 :NA :NA :NA	(71)Name of Applicant: 1)UNIVERSITETET I OSLO Address of Applicant: Boks 1072 Blindern N-0316 Oslo Norway (72)Name of Inventor: 1)L^SET Geirge 2)FRIGSTAD Terje 3)SANDLIE Inger 4)BOGEN Bjarne
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(57) Abstract:

The present invention relates to disulphide bond stabilized recombinant MHC class II molecules. In particular the present invention provides a recombinant MHC class II molecule which comprises: (i) all or part of the extracellular portion of an MHC class II a chain; (ii) all or part of the extracellular portion of an MHC class II chain; wherein (i) and (ii) provide a functional peptide binding domain and wherein (i) and (ii) are linked by a disulphide bond between cysteine residues located in the a2 domain of said a chain and the 2 domain of said chain wherein said cysteine residues are not present in native MHC class II a2 and 2 domains. Methods of producing these molecules in prokaryotic systems and various uses of these molecules form further aspects.

No. of Pages: 68 No. of Claims: 22

(21) Application No.6623/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :26/07/2012 (43) Publication Date : 26/12/2014

(54) Title of the invention : SLIDING ELEMENT IN PARTICULAR PISTON RING HAVING A COATING AND PROCESS FOR PRODUCING A SLIDING ELEMENT

(51) International :C23C14/06,C23C14/02,C23C14/08

classification .C25C14/00,C25C14/02,C25C14/0

(31) Priority Document No :10 2011 003 254.1 (32) Priority Date :27/01/2011 (33) Name of priority country :Germany

(86) International Application :PCT/EP2011/067885

No :13/10/2011

Filing Date :13/10/201

(87) International Publication : NA

No

(61) Patent of Addition to Application Number Filing Date :NA

(62) Divisional to Application :NA
Number :NA

Filing Date

(71)Name of Applicant:

1)FEDERAL MOGUL BURSCHEID GMBH

Address of Applicant :B1/4rgermeister Schmidt Str. 17 51399

Burscheid Germany (72)Name of Inventor: 1)KENNEDY Marcus

(57) Abstract:

A sliding element in particular a piston ring has on at least one running surface from the inside outwards a coating with a metal containing bonding layer and a DLC layer of the type ta C with a thickness of at least $10 \mu m$. In a process for producing a sliding element in particular a piston ring coating is effected with a metal containing bonding layer and a DLC layer of the type ta C in a thickness of at least $10 \mu m$.

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

(19) INDIA

(22) Date of filing of Application :23/08/2012 (43) Publication Date : 26/12/2014

(54) Title of the invention: SYSTEM AND METHOD OF EXECUTING THREADS AT A PROCESSOR

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	:G06F9/48 :61/314,085 :15/03/2010 :U.S.A. :PCT/US2011/025890 :23/02/2011 :WO/2011/115732	 (71)Name of Applicant: 1)QUALCOMM Incorporated Address of Applicant :Attn: International IP Administration 5775 Morehouse Drive San Diego California 92121-1714 USA. (72)Name of Inventor: 1)THOMSON Steven S. 2)JOHNSON Paul R.
(87) International Publication No (61) Patent of Addition to Application Number	:WO/2011/115732 :NA	2)JOHNSON Paul R. 3)SHAH Chirag D. 4)MICHEL Ryan C.
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA	

(57) Abstract:

A method and system for executing a plurality of threads are described. The method may include mapping a thread specified priority value associated with a dormant thread to a thread quantized priority value associated with the dormant thread if the dormant thread becomes ready to run. The method may further include adding the dormant thread to a ready to run queue and updating the thread quantized priority value. A thread quantum value associated with the dormant thread may also be updated or a combination of the quantum value and quantized priority value may be both updated.

No. of Pages: 36 No. of Claims: 40

(19) INDIA

(22) Date of filing of Application :01/08/2012 (43) Publication Date : 26/12/2014

(54) Title of the invention: MANUFACTURE OF EPOXYETHYL ETHERS OR GLYCIDYL ETHERS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:C07D301/12 :10001040.4 :02/02/2010 :EPO :PCT/EP2011/000321 :26/01/2011 :WO/2011/095293 :NA :NA :NA	(71)Name of Applicant: 1)MOMENTIVE SPECIALTY CHEMICALS INC. Address of Applicant: 180 East Broad Street Columbus Ohio 43215 U.S.A. (72)Name of Inventor: 1)MUPPA Prasad 2)POSTMA Ron 3)SCHOOLDERMAN Caspar 4)RENS Sandra 5)STOITSAS Kostas
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(57) Abstract:

Processes are provided for the formation of an epoxyethyl ether or a glycidyl ether. In one embodiment a process is provided for the manufacture of an epoxyethyl ether or glycidyl ether including reacting a vinyl ether or an allyl ether with an oxidant in the presence of a water-soluble manganese complex in an aqueous reaction medium wherein the water-soluble manganese complex comprises an oxidation catalyst characterized in that the water-soluble manganese complex is a mononuclear complex of the general formula (I): [LMnX3]Y (I) or a binuclear complex of the general formula (II): $[LMn(\mu-X)3MnL](Y)n$ (II) wherein Mn is a manganese;

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

(22) Date of filing of Application: 13/08/2012 (43) Publication Date: 26/12/2014

(54) Title of the invention: INFORMATION INPUT KEYBOARD LOCATOR ASSOCIATED THEREWITH

(51) International classification (31) Priority Document No :12/657,147 (32) Priority Date :13/01/2010 (33) Name of priority country :U.S.A.

(86) International Application No :PCT/US2010/002282 Filing Date :19/08/2010

(87) International Publication No :WO/2011/087473

(61) Patent of Addition to Application :NA :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

:G06F3/02,G06F3/0488 (71)Name of Applicant : 1)YORAM GHASSABIAN

(21) Application No.7030/CHENP/2012 A

Address of Applicant: 10 Cedar Dr. Great Neck NY 11021

(72)Name of Inventor:

1)YORAM GHASSABIAN

(57) Abstract:

(19) INDIA

A processing (e.g. telecommunication) device is herein proposed. The device comprises a display, and a keyboard peripherally extending around at least a portion of the display. ¢ Preferably, the keyboard is alphanumerical and extends around at least a portion of the displays perimeter. The alphanumerical keyboard preferably has a predetermined keyboard set of keys, and the device further comprises a keyboard locator unit having a locator set of keys corresponding to the predetermined keyboard set of keys. The keys of the locator set are disposed in a manner to indicate the locations of the keys of the predetermined keyboard set. The device may comprise a microphone and a speaker located on opposite sides thereof, the display extends therebetween, the keyboard extends around at least a portion of the displays sides. The keyboard and the locator unit can be represented as a mechanical unit, or an image on the display

No. of Pages: 57 No. of Claims: 13

(19) INDIA

(22) Date of filing of Application :13/08/2012

(21) Application No.7031/CHENP/2012 A

(43) Publication Date: 26/12/2014

(54) Title of the invention: MONITORING SYSTEM FOR 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 	:B60R25/10 :1050179-9 :25/02/2010 :Sweden :PCT/SE2011/050140 :08/02/2011 :WO/2011/105951 :NA :NA	(71)Name of Applicant: 1)SCANIA CV AB Address of Applicant: SE-151 87 Sdertlje Sweden (72)Name of Inventor: 1)FREDRICH CLAEZON 2)PETER SUNDELL
` '		
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Monitoring system for a vehicle adapted to providing shell protection for the vehicle such that attempts at intrusion are detected and alarms are generated via one or more alarm units, which system comprises a control unit with a memory unit and is adapted to communicating with a plurality of sensor units disposed on the vehicle which define at least two monitoring zones. The system is adapted to implementing detection strategies and warning strategies for the monitoring zones, a detection strategy being a set of rules which control detection in a monitoring zone, and a warning strategy being a set of rules which control how alarms are generated by the system and are stored in the memory unit. The control unit is adapted to allocating to each of the monitoring zones a detection strategy and a warning strategy, and the control unit is adapted to receiving one or more input signals which contain one or more strategy parameters, the detection and/or warning strategies being adapted to being changed dynamically, continuously and adaptively according to said strategy parameters.

No. of Pages: 17 No. of Claims: 13

(21) Application No.5106/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :15/07/2011 (43) Publication Date : 26/12/2014

(54) Title of the invention: METHOD FOR MANUFACTURING A COATED PART USING HOT FORMING TECHNIQUES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:C21D1/673 :08022125.2 :19/12/2008 :EPO :PCT/EP2009/009128 :18/12/2009 :WO 2010/069588 A1 :NA	(71)Name of Applicant: 1)TATA STEEL IJMUIDEN BV Address of Applicant: P.O. BOX 10000, 1970 CA IJMUIDEN Netherlands (72)Name of Inventor: 1)HENSEN, GUIDO, CORNELIS 2)VERLOOP, WICO CORNELIS
\ /	:NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The invention relates to a method for manufacturing a coated part having very high mechanical properties using hot forming techniques. According to the invention, the method comprises the following steps: 1-providing a steel strip 2 - coating the steel strip with a layer of zinc or zinc alloy 3-heating the coated steel to a temperature between 300'c and the Acl temperature of the steel 4-cooling the coated steel 5-cutting a blank from the strip after step 1,2,3 or 4 6- heating the blank to temperature above the Acl temperature of the steel 7-hot forming the blank into a part 8-hardening the hot formed part. The invention can also used for the indirect hot forming method. The invention also relates to a method for manufacturing a coated steel strip, and to a coated steel strip, blank or part and a hot formed part.

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

(19) INDIA

(22) Date of filing of Application :08/08/2012 (43) Publication Date : 26/12/2014

(54) Title of the invention : SYSTEM AND METHOD TO ACCESS A PORTION OF A LEVEL TWO MEMORY AND A LEVEL ONE MEMORY

(51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (33) Name of priority country (34) International Application No (35) Filing Date (37) International Publication No (38) International Publication No (39) International Publication No (30) Filing Date (30) International Application No (31) PCT/US2011/02136 (31) PCT/US2011/02136 (32) PCT/US2011/02136 (33) Name of priority country (34) PCT/US2011/02136 (35) PCT/US2011/02136 (36) PCT/US2011/02136 (37) PCT/US2011/02136 (38) PCT/US2011/02136 (39) PCT/US2011/02136 (30) PCT/US2011/02136 (31) PCT/US2011/02136 (32) PCT/US2011/02136 (33) Name of priority country (33) Name of priority country (34) PCT/US2011/02136 (35) PCT/US2011/02136 (36) PCT/US2011/02136 (37) PCT/US2011/02136 (38) PCT/US2011/02136 (39) PCT/US2011/02136 (30) PCT/US2011/02136 (30) PCT/US2011/02136 (31) PCT/US2011/02136 (31) PCT/US2011/02136 (32) PCT/US2011/02136 (33) PCT/US2011/02136 (34) PCT/US2011/02136 (35) PCT/US2011/02136 (36) PCT/US2011/02136 (37) PCT/US2011/02136 (37) PCT/US2011/02136 (38) PCT/US2011/02136 (39) PCT/US2011/02136 (30) PCT/US2011/02136 (30) PCT/US2011/02136 (30) PCT/US2011/02136 (31) PCT/US2011/02136 (32) PCT/US2011/02136 (33) PCT/US2011/02136 (34) PCT/US2011/02136 (35) PCT/US2011/02136 (36) PCT/US2011/02136 (37) PCT/US2011/02136 (37) PCT/US2011/02136 (38) PCT/US2011/02136 (39) PCT/US2011/02136 (30) PC	(71)Name of Applicant: 1)QUALCOMM INCORPORATED Address of Applicant: International IP Administration 5775 Morehouse Drive San Diego California 92121 U.S.A. (72)Name of Inventor: 1)SURESH K. VENKUMAHANTI 2)CHRISTOPHER EDWARD KOOB 3)LUCIAN CODRESCU
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(57) Abstract:

A system and method to access data from a portion of a level two memory or from a level one memory is disclosed. In a particular embodiment, the system includes a level one cache and a level two memory. A first portion of the level two memory is coupled to an input port and is addressable in parallel with the level one cache.

No. of Pages: 28 No. of Claims: 26

(19) INDIA

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

(21) Application No.4821/CHENP/2011 A

(43) Publication Date: 26/12/2014

(54) Title of the invention : AMINO ACID SEQUENCES DIRECTED AGAINST THE ANGIOPOIETIN/TIE SYSTEM AND POLYPEPTIDES COMPRISING THE SAME FOR THE TREATMENT OF DISEASES AND DISORDERS RELATED TO ANGIOGENESIS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:C07K16/28 :61/121,228 :10/12/2008 :U.S.A. :PCT/EP2009/066822 :10/12/2009 :WO 2010/066836 A3 :NA :NA :NA	(71)Name of Applicant: 1)ABLYNX N.V. Address of Applicant: TECHNOLOGIEPARK 21, 9052 GHENT-ZWIJNAARDE Belgium (72)Name of Inventor: 1)GONZALEZ PAJUELO, MARIA 2)SAUNERS, MICHAEL, JOHN, SCOTT 3)DE HAARD, JOHANNES JOSEPH WILHELMUS 4)VANLANDSCHOOT, PETER
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(57) Abstract:

The present invention relates to amino acid sequences that are directed against proteins from the group of the Angiopoietin/Tie family such as Tie1, Tie2, Ang1, Ang2, Ang3, Ang4, Angpt11, Angpt12, AngptB, AngptW, AngptlS, Angptl6, as well as to compounds or constructs, and in particular proteins and polypeptides, that comprise or essentially consist of one or more of such amino acid sequences.

No. of Pages: 394 No. of Claims: 15

(19) INDIA

(22) Date of filing of Application :24/08/2012 (43) Publication Date : 26/12/2014

(54) Title of the invention: TORQUE DETECTING DEVICE AND ELECTRIC POWER STEERING 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 	:2011-137118 :21/06/2011 :Japan :PCT/JP2012/001928 :21/03/2012 :WO/2012/176358 :NA :NA	(71)Name of Applicant: 1)NSK LTD. Address of Applicant: 6-3 Ohsaki 1-chome Shinagawa-ku Tokyo 141-8560 Japan (72)Name of Inventor: 1)KUWAHARA Masaki 2)KOBAYASHI Takayuki 3)YOSHIDA Kazuhiro 4)ONIZUKA Toshiyuki 5)SUGAWARA Takayoshi 6)ANDOU Nobuhiko
(62) Divisional to Application Number Filing Date	:NA :NA	6)ANDOU NODUNIKO

(57) Abstract:

There is provided a torque detecting device for providing a highly accurate torque signal, and an electric power steering device using the torque detecting device. A torque sensor (20) is provided with a first coil pair (22A) and a second coil pair (22B), which detect a relative displacement between an input shaft (2a) and an output shaft (2b) by corresponding the relative displacement to a change in impedance. Magnetization signal generating units (60A, 60B) supply exciting currents with different magnetization frequencies (f1, f2) to the first coil pair (22A) and a second coil pair (22B), respectively. The magnetization frequency difference is set to 3.5 kHz or higher. Moreover, low-pass filters (53A, 53B) for intercepting passage of a frequency equivalent to the magnetization frequency difference are deployed in signal processing circuits (59A, 59B) respectively.

No. of Pages: 138 No. of Claims: 24

(21) Application No.7659/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :05/09/2012 (43) Publication Date : 26/12/2014

(54) Title of the invention : METHOD FOR PRODUCING CRUDE OIL USING SURFACTANTS BASED ON BUTYLENE OXIDE CONTAINING ALKYL ALKOXYLATES

(57) Abstract:

1nmI +The invention relates to a method for producing crude oil by means of Winsor type III microemulsion flooding wherein an aqueous surfactant formulation which comprises at least one ionic surfactant of general formula R O (D) (B) (A) XY M is forced though injection wells into a mineral oil deposit and crude oil is removed from the deposit through production wells.

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

(21) Application No.8277/CHENP/2011 A

(19) INDIA

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

(43) Publication Date: 26/12/2014

(54) Title of the invention: ADAPTIVE PARAMETRIC POWER AMPLIFIER PROTECTION CIRCUIT

(51) International classification	:H04B1/04	(71)Name of Applicant :
(31) Priority Document No	:12/470,418	1)QUALCOMM INCORPORATED
(32) Priority Date	:21/05/2009	Address of Applicant :INTERNATIONAL IP
(33) Name of priority country	:U.S.A.	ADMINISTRATION, 5775 MOREHOUSE DRIVE, SAN
(86) International Application No	:PCT/US2010/035863	DIEGO, CALIFORNIA 92121 U.S.A.
Filing Date	:21/05/2010	(72)Name of Inventor:
(87) International Publication No	:WO 2010/135711 A1	1)ARISTOTELE HADJICHRISTOS
(61) Patent of Addition to Application	:NA	2)GURKANWAL S. SAHOTA
Number	:NA	
Filing Date	.1171	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A device including a gain control element coupled prior to or within a radio frequency (RF) power amplifier (PA) with an adaptive parametric PA protection circuit is described. In an exemplary embodiment, the device includes a gain control element coupled prior to a radio frequency power amplifier with a power stage with corresponding transistor breakdown threshold values, having an adaptive parametric PA protection circuit configured to receive at least one power stage drain-source voltage parameter value, at least one power stage drain-source current parameter value, and including an adaptive parametric- PA protection circuirhaving affirsts fe values and a second section for generating a gain correction signal to adjust the gain control element with optimal power added efficiency (PAE) for the power stage within the corresponding transistor breakdown threshold values.

No. of Pages: 27 No. of Claims: 32

(19) INDIA

(22) Date of filing of Application :15/12/2011

(21) Application No.4391/CHE/2011 A

(43) Publication Date: 26/12/2014

(54) Title of the invention: KEHLESCOPE

		(71)Name of Applicant:
(51) International classification	:G02F	1)DR. AJITH KUMAR V.S.
(31) Priority Document No	:NA	Address of Applicant :KUNNIL HOUSE, T.C 11/1266,
(32) Priority Date	:NA	Y.M.R. JUNCTION NANTHENCODE P.O. TRIVANDRUM
(33) Name of priority country	:NA	695 003 Kerala India
(86) International Application No	:NA	2)DR. ARUN KUMAR V.S.
Filing Date	:NA	3)MR. S. RAJAMOHANAN
(87) International Publication No	: NA	4)MR. T.P. BABY
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor:
Filing Date	:NA	1)DR. AJITH KUMAR V.S.
(62) Divisional to Application Number	:NA	2)DR. ARUN KUMAR V.S.
Filing Date	:NA	3)MR. S. RAJAMOHANAN
_		4)MR. T.P. BABY

(57) Abstract:

Introducing a highly integrated ENT instrument for viewing the throat and associated structures. Using Disposable Softwood Tongue Depressors, An highly integrated Multi Purpose ENT instrument is Developed consisting of Magnifier LED light source, Magnifier, Disposable Tongue Depressors, Pixel Camera and Controlling Softwares.

No. of Pages: 5 No. of Claims: 7

(21) Application No.608/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :17/01/2012 (43) Publication Date : 26/12/2014

(54) Title of the invention: METHOD OF FORMING PISTON PIN HOLES AND BORING SYSTEM 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 	:B23B41/00 :12/490,616 :24/06/2009 :U.S.A. :PCT/US2010/039431 :22/06/2010 :WO/2011/005498 :NA	(71)Name of Applicant: 1)FEDERAL-MOGUL CORPORATION Address of Applicant: 26555 Northwestern Highway Southfield MI 48033 USA (72)Name of Inventor: 1)LIANG Jiancheng
(61) Patent of Addition to Application Number	:NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A piston pin hole boring system and method of forming pin holes therewith includes fixing a piston to a fixture supported by a slide member. Then rotating a cutting member about a first axis and moving the slide member with the fixture thereon toward the cutting member along the first axis and bringing the piston into cutting contact with the cutting member. Further moving the fixture along second and third axes each extending transversely to the first axis and machining the desired pin hole contours in the piston with the cutting member.

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

(21) Application No.7109/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application: 14/08/2012 (43) Publication Date: 26/12/2014

(54) Title of the invention: LIGHTING APPARATUS

(51) International classification :G02B27/28,F21K99/00,F21S8/00 (71)Name of Applicant:

:04/02/2011

(31) Priority Document No :10155003.6 (32) Priority Date :01/03/2010

(33) Name of priority country :EPO

(86) International Application :PCT/IB2011/050484

Filing Date

(87) International Publication :WO/2011/107896

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to Application :NA Number :NA Filing Date

(57) Abstract:

1)KONINKLIJKE PHILIPS ELECTRONICS N.V.

Address of Applicant :GROENEWOUDSEWEG 1

EINDHOVEN 5621 BA NETHERLANDS

(72)Name of Inventor: 1)VAN BOMMEL Ties

2)HIKMET Rifat Ata Mustafa

3)NI Yongfeng

The invention relates to a lighting apparatus (1). A first light device (52) comprises a first light source (2) for generating a first light beam (3) and a light emanating element (6) from which the first light beam (3) emanates. A second light device (53) with a second light source (4) generates a second light beam (5) being directed to the light emanating element (6) of the first light device (52) wherein the light emanating element (6) is adapted to redirect the second light beam (5) such that the redirected second light beam (7) emanates from the light emanating element (6). Since the first light beam (5) and the redirected second light beam (7) emanate from the light emanating element (6) both light beams appear to originate from the same location. The probability of generating selective shadowing effects can therefore be reduced in particular selective shadowing effects can be eliminated.

No. of Pages: 38 No. of Claims: 14

(21) Application No.7973/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :14/09/2012 (43) Publication Date : 26/12/2014

(54) Title of the invention: ANTIBODIES AGAINST CSF-1R

:NA

:NA

:NA

:NA

(51) International (71)Name of Applicant: :C07K16/28,A61K39/395,A61P35/00 classification 1)IMCLONE LLC (31) Priority Document No :61/319,896 Address of Applicant: 440 Route 22 East Bridgewater New (32) Priority Date :01/04/2010 Jersey 08807 United States of America (33) Name of priority (72)Name of Inventor: :U.S.A. 1)DOODY Jacqueline Françoise country (86) International 2)LI Yanxia :PCT/US2011/030148 Application No :28/03/2011 Filing Date (87) International :WO/2011/123381 Publication No

(57) Abstract:

(61) Patent of Addition to

Application Number

Filing Date (62) Divisional to

Application Number

Filing Date

The invention provides a human antibody that binds human CSF-IR with high affinity. Antibodies of the present invention have significant advantages over the antibodies known in the art by being multifunctional: inhibiting signaling of CSF-1R internalizing and inducing CSF-1R degradation and stimulating ADCC in cell including tumors macrophages and monocytes. They are also shown to be effective in treating leukemia breast endometrial and prostate cancer alone or in combination with docetaxel paclitaxel Herceptin® or doxorubicin.

No. of Pages: 67 No. of Claims: 24

(19) INDIA

(22) Date of filing of Application :20/09/2012 (43) Publication Date : 26/12/2014

(54) Title of the invention: SCHEME AND APPARATUS FOR MULTI-RESOURCE FLOW CONTROL

(51) International classification	:H04W28/10	(71)Name of Applicant:
(31) Priority Document No	:61/323,099	1)QUALCOMM INCORPORATED
(32) Priority Date	:12/04/2010	Address of Applicant : Attn: International IP Administration
(33) Name of priority country	:U.S.A.	5775 Morehouse Drive San Diego California 92121-1714
(86) International Application No	:PCT/US2011/032147	United States of America
Filing Date	:12/04/2011	(72)Name of Inventor:
(87) International Publication No	:WO 2011/130293	1)VISVANATHAN Arun
(61) Patent of Addition to Application	:NA	2)KADAGALA Vijay Kumar
Number	:NA	3)HSU Liangchi
Filing Date	.INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Systems and methods for controlling the flow of a wireless communication apparatus based on a plurality of resources. The levels of each of a plurality of resources are monitored and the flow state of the apparatus is set to ensure safe operation in view of disparate usage of the resources. In one embodiment an individual flow state is determined with respect to each resource. One of the individual flow states is then selected for the apparatus as a whole.

No. of Pages: 32 No. of Claims: 26

(21) Application No.7988/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application: 17/09/2012 (43) Publication Date: 26/12/2014

(54) Title of the invention: DYNAMIC CHANNEL SELECTION FOR MEDICAL BODY AREA NETWORKS

(51) International :H04W28/16,H04W16/16,H04W72/08 classification

(31) Priority Document No :61/321164 (32) Priority Date :06/04/2010

(33) Name of priority :U.S.A. country

(86) International :PCT/IB2011/051080 Application No

:15/03/2011 Filing Date

(87) International

:WO 2011/124995 Publication No

(61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to :NA **Application Number** :NA Filing Date

(71)Name of Applicant:

1)KONINKLIJKE PHILIPS ELECTRONICS N.V.

Address of Applicant :GROENEWOUDSEWEG 1

EINDHOVEN 5621 BA NETHERLANDS

(72)Name of Inventor: 1)WANG Dong 2)ZHAI Hongqiang 3)GHOSH Monisha

(57) Abstract:

A centralized frequency agility technique is employed in conjunction with a plurality of medical body area network (MBAN) systems (10 35 36) each of which comprises a plurality of network nodes (12 14) intercommunicating via short range wireless communication. A central network (20 22 23 24) communicates with the MBAN systems via longer range communication that is different from the short range wireless communication. A central frequency agility sub-system (40) is configured to communicate with the MBAN systems. The central frequency agility sub-system receives current channel quality information for a plurality of available channels for the short range wireless communication and allocates the MBAN systems amongst the available channels based at least on the received current channel quality information.

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

(21) Application No.7112/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application: 14/08/2012 (43) Publication Date: 26/12/2014

(54) Title of the invention: HELMET-TYPE OF PATIENT INTERFACE DEVICE AND METHOD USE

(51) International :A61M16/00,A61M16/06,A62B18/08 classification

(31) Priority Document No :61/309607 (32) Priority Date :02/03/2010 (33) Name of priority

:U.S.A. country

(86) International :PCT/IB2011/050779

Application No :24/02/2011 Filing Date

(87) International

:WO/2011/107909 Publication No

(61) Patent of Addition to **Application Number** :NA Filing Date (62) Divisional to

:NA

:NA **Application Number** :NA Filing Date

(71)Name of Applicant:

1)KONINKLIJKE PHILIPS ELECTRONICS N.V.

Address of Applicant :GROENEWOUDSEWEG 1 EINDHOVEN 5621 BA NETHERLANDS

(72)Name of Inventor:

1)ROSE Catherine Michelle

2)SCHNADERBECK Matthew Joseph

(57) Abstract:

A positive airway pressure support system (2 7 130) that includes a pressure generating device (4) structured to produce an intermittent or continuous flow of breathing gas at a selected positive pressure or pressures and a patient interface device (2 72 132) operatively coupled to the pressure generating system and structured to deliver the flow of breathing gas to an airway of a patient. The patient interface device includes a helmet (30) structured to be worn on the head of the patient and a patient interface element (22) coupleable to the top portion (44) the left side portion (82) and/or the right side portion (84) of the helmet in manner which stabilizes the patient interface element relative to the helmet and resists forces applied to the patient interface element when the patient interface device is donned by the patient and the patient moves while in a supine position.

No. of Pages: 34 No. of Claims: 18

(21) Application No.7388/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :24/08/2012 (43) Publication Date : 26/12/2014

(54) Title of the invention: IMPROVED MEGANUCLEASE RECOMBINATION SYSTEM

(51) International classification	:C12N9/22,C12N15/90	(71)Name of Applicant:
(31) Priority Document No	:PCT/IB2010/000546	1)CELLECTIS
(32) Priority Date	:18/02/2010	Address of Applicant :8 rue de la Croix Jarry 75013 Paris
(33) Name of priority country	:PCT	France
(86) International Application No	:PCT/IB2011/050682	(72)Name of Inventor:
Filing Date	:18/02/2011	1)DELENDA Christophe
(87) International Publication No	:WO/2011/101811	2)CABANIOLS Jean-Pierre
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The invention relates to a set of genetic constructs which comprises at least a first recombinogenic construct (i) with at least two portions homologous to the genomic regions preceding and following the DNA target site of a site specific endonuclease and also comprising both a negative selection and positive selection mark interposed with the homologous portions as well as a region into which a sequence of interest can be cloned adjacent to the positive selection marker; and a second construct (ii iii or iv) comprising the meganuclease. The present invention also relates to a kit comprising these constructs and methods to use this set of constructs to introduce into the genome of a target cell tissue or organism a sequence of interest.

No. of Pages: 63 No. of Claims: 15

(21) Application No.7389/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :24/08/2012 (43) Publication Date : 26/12/2014

(54) Title of the invention: POWDER COATING HAVING AN ANODIZED LOOK

 (51) International classification (31) Priority Document No (32) Priority Date (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/CN2010/070962 :10/03/2010 :PCT	(71)Name of Applicant: 1)AKZO NOBEL POWDER COATINGS (NINGBO) CO. LTD. Address of Applicant: Ningchuan Road Wuxiang Town Yinzhou District Ningbo Zhejiang 315111 China (72)Name of Inventor: 1)ZHAO Hui 2)WANG Xiaodong 3)CHAKRAVORTY Nirmalya
- 1 000000	·- ·	3)CHAKRAVORTY Nirmalya
Filing Date	:NA	

(57) Abstract:

A powder coating composition comprises the following ingredients: (a) a binder resin (b) a solvent soluble dye (c) a matting effect compound and (d) less than 10wt % of a pigment or dye that is not soluble in a solvent based on the total weight of powder coating composition. When cured the powder coating composition has an anodized look. A substrate having an anodized look is also provided which has an ADE-index above 3.

No. of Pages: 26 No. of Claims: 11

(21) Application No.6250/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :16/07/2012 (43) Publication Date : 26/12/2014

(54) Title of the invention: PAYMENT CHANNEL RETURNING LIMITED USE PROXY DYNAMIC VALUE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:13/12/2010 :WO 2011/075450 :NA :NA	(71)Name of Applicant: 1)VISA INTERNATIONAL SERVICE ASSOCIATION Address of Applicant: P.O. Box 8999 M1 11F San Francisco California 94128 8999 U.S.A. (72)Name of Inventor: 1)MAKHOTIN Oleg 2)PURVES Tom 3)GARDNER Chris
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA	

(57) Abstract:

A central platform provides proxy dynamic values for any one of a number of a cardholder s portable payment devices upon a request for such information made during a transaction. The proxy dynamic value can be provided to the merchant who then can route it into the acceptance network in order to initiate the authentication process. The central platform provides the actual primary account number associated with the proxy dynamic value during the authentication process.

No. of Pages: 32 No. of Claims: 20

(21) Application No.7029/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :13/08/2012

(43) Publication Date: 26/12/2014

(54) Title of the invention: MOBILE DEVICE PROFILE AGGREGATION

 (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)QUALCOMM INCORPORATED Address of Applicant: International IP Administration 5775 Morehouse Drive San Diego California 92121-1714 U.S.A. (72)Name of Inventor: 1)POCER M. BUUSPAKKA
 (86) International 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	

(57) Abstract:

Systems, methods, devices, and computer program products are described for generating an aggregated group profile of access terminal users in an identified geographic region (e.g., at an entertainment venue). A group profile request may be received for a set of mobile access terminal users in the identified geographic region. User profile information may be requested for each of the users. User profiles may be aggregated to generate an aggregated group profile. The aggregated group profile may be distributed (e.g., for use in selecting advertisements at an entertainment venue to reflect the users currently in attendance).

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

(19) INDIA

(22) Date of filing of Application :16/12/2011 (43) Publication Date : 26/12/2014

(54) Title of the invention: A HIGH EFFICIENCY TRANSMITTER FOR WIRELESS COMMUNICATION

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:01/06/2010 :WO 2010/147754 A1 :NA :NA :NA	(71)Name of Applicant: 1)ALCATEL LUCENT Address of Applicant: 3, AVENUE OCTAVE GREARD, F-75007 PARIS France (72)Name of Inventor: 1)HONCHARENKO, WALTER
Filing Date	:NA	

(21) Application No.9443/CHENP/2011 A

(57) Abstract:

The present invention provides an amplifier for a wireless transmitter. In one embodiment, the amplifier includes a signal separator for decomposing an input signal into constant envelope signals and amplifier circuits for amplifying the constant envelope signals. The amplifier also includes a combiner for combining the amplified constant envelope signals to form an output signal that is an amplified representation of the input signal. Linear correction circuits are used to apply gain, phase, and/or delay correction to the constant envelope signals. The corrections are determined based upon a feedback portion of the output signal. Pre-distortion circuits are used to apply a non-linear pre-distortion to the constant envelope signals. The non-linear pre-distortion is determined based upon the feedback portion of the output signal.

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

(22) Date of filing of Application: 17/08/2012 (43) Publication Date: 26/12/2014

(54) Title of the invention: MOULD FOR INJECTION-MOULDING OF PLASTIC PARTS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:B29C45/44 :TO2010A000066 :29/01/2010 :Italy :PCT/IB2011/050373 :28/01/2011 :WO/2011/092650 :NA :NA :NA	(71)Name of Applicant: 1)H.C.M. STAMPI S.R.L. Address of Applicant: Via Guido Rossa 2 I-10024 Moncalieri (Torino) Italy (72)Name of Inventor: 1)BREGOLIN Amedeo
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(21) Application No.7195/CHENP/2012 A

(57) Abstract:

(19) INDIA

The mould (10) comprises a die (12) and a punch (14) which define in the closed mould condition a cavity intended to receive plastic material injected by a press. The punch (14) comprises a central element (16) and a pair of first lateral elements (18) arranged on longitudinally opposite sides relative to the central element (16) each of the first lateral elements (18) being slidably guided along a respective inclined lateral surface (32) of the central element (16) to be displaced between a moulding position and an ejection position. The mould (10) further comprises ejection members (38) slidably received inside respective holes (40) provided in the central element (16) of the punch

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

(21) Application No.5923/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application: 18/08/2011 (43) Publication Date: 26/12/2014

(54) Title of the invention: POLY (ADP-RIBOSE) POLYMERASE (PARP) INHIBITORS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:C07D471/04 :61/146,740 :23/01/2009 :U.S.A. :PCT/US2010/021669 :21/01/2010 :WO 2010/085570 A1 :NA :NA	(71)Name of Applicant: 1)TAKEDA PHARMACEUTICAL COMPANY LIMITED Address of Applicant: 1-1, DOSHOMACHI 4-CHOME, CHUO-KU, OSAKA-SHI, OSAKA 541-0045 Japan (72)Name of Inventor: 1)GANGLOFF, ANTHONY R. 2)JENNINGS, ANDREW JOHN 3)JONES, BENJAMIN 4)KIRYANOV, ANDRE A.
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Disclosed are compounds of the following formula: in which R1, R2, R3, R4, R5, R6, R7, X, and t are defined in the specification. Also disclosed are pharmaceutical compositions, kits, and articles of manufacture, which contain the compounds, methods and intermediates useful for making the compounds, and methods of using the compounds to treat diseases, disorders, and conditions related to PARP activity.

No. of Pages: 283 No. of Claims: 40

(21) Application No.6272/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :17/07/2012 (43) Publication Date : 26/12/2014

(54) Title of the invention : METHOD AND APPARATUS FOR GENERATING A REFERENCE SIGNAL SEQUENCE IN A 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 	:07/01/2011 :WO 2011/084004 :NA :NA	(71)Name of Applicant: 1)LG ELECTRONICS INC. Address of Applicant: 20 Yeouido dong Yeongdeungpo gu Seoul 150 721 Republic of Korea (72)Name of Inventor: 1)KO Hyun Soo 2)NOH Min Seok 3)CHUNG Jae Hoon 4)HAN Seung Hee 5)LEE Moon II
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The present invention provides a method and apparatus for generating a reference signal sequence by user equipment (UE) in a wireless communication system. The UE receives a UE specific sequence group hopping (SGH) parameter that is specific to itself and generates a reference signal sequence based on a base sequence in each slot unit. The base sequence is classified into sequence group numbers determined in each of the slot units by the UE specific SGH parameter indicating whether SGH has been carried out and base sequence numbers.

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

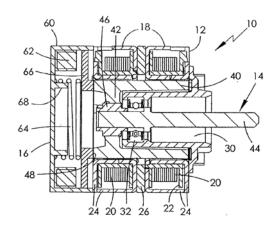
(22) Date of filing of Application :19/06/2014 (43) Publication Date : 26/12/2014

(54) Title of the invention: STEPPER MOTOR WITH INTEGRATED BRAKE AND DRIVE CIRCUIT

(51) International classification	:H02K 3/00	(71)Name of Applicant :
(31) Priority Document No	:1311035.8	1)JOHNSON ELECTRIC S.A.
(32) Priority Date	:20/06/2013	Address of Applicant :BAHNHOFSTRASSE 18, CH-3280
(33) Name of priority country	:U.K.	MURTEN SWITZERLAND.
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)MIHA FURLAN
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
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(57) Abstract:

A stepper motorhas a rotor, a stator and an electro-magnetic brake. The rotor has permanent magnet rotor poles. The stator has a stator winding with at least 2 phases. The brake is electrically connected to the phases of the stator winding and arranged to be released when at least one of the phases is energized.



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

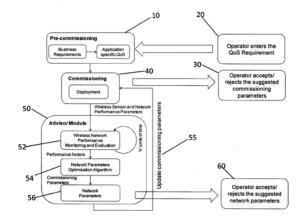
(22) Date of filing of Application :21/06/2013 (43) Publication Date : 26/12/2014

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

(51) International classification	:G05B 19/00	(71)Name of Applicant: 1)ABB TECHNOLOGY AG
(31) Priority Document No	:NA	Address of Applicant :AFFOLTERNSTRASSE 44, 8050
(32) Priority Date	:NA	ZÜRICH, SWITZERLAND.
(33) Name of priority country	:NA	(72)Name of Inventor:
(86) International Application No	:NA	1)KANDE, MALLIKARJUN
Filing Date	:NA	2)KUMAR, RAVISH
(87) International Publication No	: NA	3)RAY, APALA
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(55) A1		·

(57) Abstract:

The invention relates to a commissioning system and method for the commissioning of network devices of at least one wireless sensor network, in particular in a plant automation system, comprising at least one data processing device, a display device, an input device and a storage device as well as executable program code means, wherein network management/commissioning means are provided for guiding the operator and determining required parameters settings for optimal performance in industrial wireless sensor network, wherein QoS requirements for the specific application are accumulated and network data, in particular network performance data and information are measured and determined and wherein required parameter settings for an optimal network performance are determined and selectively set to enable and effect an optimized network performance and/or quality as well as an optimized and efficient commissioning process.



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

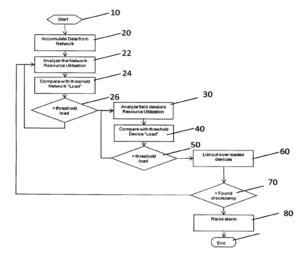
(22) Date of filing of Application :21/06/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: NETWORK COMMISSIONING AND CONTROL SYSTEM AND METHOD

(51) International classification	:G05B 19/00	(71)Name of Applicant: 1)ABB TECHNOLOGY AG
(31) Priority Document No	:NA	Address of Applicant :AFFOLTERNSTR. 44, 8050 ZÜRICH,
(32) Priority Date	:NA	SWITZERLAND.
(33) Name of priority country	:NA	(72)Name of Inventor:
(86) International Application No	:NA	1)KANDE, MALLIKARJUN
Filing Date	:NA	2)KUMAR, RAVISH
(87) International Publication No	: NA	3)RAY, APALA
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(57) A1		·

(57) Abstract:

Network commissioning and control system and method for evaluating and/or con trolling the resource utilization in an industrial wireless sensor network comprising one or more field devices and/or operator portals and/or wireless network manage ment components including one or more executable data structures and processing units such as network manager, security manager, access points, gateways, per forms and executes the steps of f. accumulating the network operational parameters; g. analyzing the network resource utilization; h. analyzing the field device resource utilization; i. comparing with pre-set threshold parameters; j. finding out over-loaded network or field device.



No. of Pages: 18 No. of Claims: 13

(22) Date of filing of Application :20/06/2013

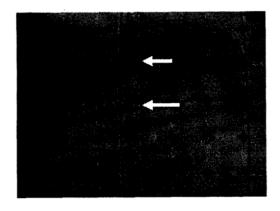
(43) Publication Date: 26/12/2014

(54) Title of the invention: RUBBER CLAD SQUEEZE ROLLS FOR METAL CLEANING SECTION OF HIGH SPEED LINES OF COLD ROLLING MILLS.

(51) International classification		(71)Name of Applicant:
(31) Priority Document No	5/00 :NA	1)TATA STEEL LIMITED Address of Applicant :RESEARCH AND DEVELOPMENT
(32) Priority Date	:NA	AND SCIENTIFIC SERVICES DIVISION, JAMSHEDPUR-
(33) Name of priority country	:NA	831001,INDIA .
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)ATANU BANERJEE
(87) International Publication No	: NA	2)NILOTPAL DEY
(61) Patent of Addition to Application Number	:NA	3)B DUTTA
Filing Date	:NA	4)A K BHOWLICK
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention is related to a new compounded carboxylated nitrile rubber (XNBR) formulation for rubber clad squeeze rollers. These rubber clad squeeze are used in alkali cleaning section of cold rolling/continuous galvanizing/polymer coating operation of steel sheet. The developed rubber clad rollers with the inventive compounded carboxyleted nitrile rubber (XNBR) formulation can withstand high temperature with dynamic stress strain workability at high line speed. The formulation provides improved results with minimum change in hardness, % volume & weight swell, tear strength and abrasion resistance. The disclosed formulation maintains original physical and chemical properties including surface condition at the prevailing mechanically brutal and chemically aggressive condition.



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

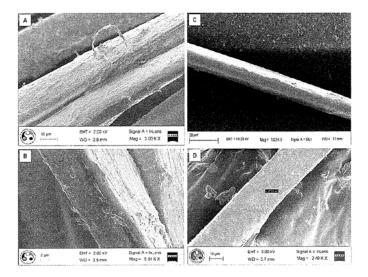
(22) Date of filing of Application :20/06/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: BRAIDED ANTHERAEA ASSAMA SILK SUTURES.

(51) I	D 41E15/00	(71)
(51) International classification	:B41F15/00	(71)Name of Applicant:
(31) Priority Document No	:NA	1)UTPAL BORA
(32) Priority Date	:NA	Address of Applicant :QTR NOE50, IIT GUWAHATI
(33) Name of priority country	:NA	CAMPUS,GUWAHATI-781039, ASSAM.
(86) International Application No	:NA	2)DAS SURADIP
Filing Date	:NA	3)BORTHAKUR BIBHUTI BHUSAN
(87) International Publication No	: NA	(72)Name of Inventor:
(61) Patent of Addition to Application Number	:NA	1)UTPAL BORA
Filing Date	:NA	2)DAS SURADIP
(62) Divisional to Application Number	:NA	3)BORTHAKUR BIBHUTI BHUSAN
Filing Date	:NA	

(57) Abstract:

The present invention the fabrication of surgical sutures using Antheraea assama (common name-Muga) silk alone or in combination with other natural and synthetic polymers to form composites. The silk used herein is harvested by degumming Antheraea assama cocoons or obtained though recombinant DNA technology by using various biological expression systems. The hence obtained muga fibers are fabricated into sutures of appropriate diameter ranging from 0.001 mm to 1.2 mm by braiding twisted and untwisted filaments. The braided fibers exhibit high tensile strength, elongation and excellent knot-pull properties. The developed surgical sutures are a promising wound closing material which can be used for apposition of tissues, ligature of blood vessels, reinforcement of surgical repair etc in human and veterinary surgery.



No. of Pages: 15 No. of Claims: 25

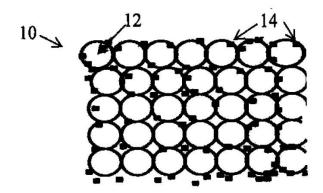
(22) Date of filing of Application :20/06/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: ULTRA-LIGHTWEIGHT ENERGY STORAGE MATERIAL

(51) International classification	:B01J (71)Name of Applicant : 29/00 1)University Of Calcutta
(31) Priority Document No	:NA Address of Applicant :Senate House, 87 /1 College Street,
(32) Priority Date	:NA Kolkata, West Bengal 700 073.
(33) Name of priority country	:NA (72)Name of Inventor :
(86) International Application No	:NA 1) DEB , Nilanjan
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA
(·

(57) Abstract:

Disclosed is a composition containing a material having a reduced species formula of LixTiyV1Bz wherein x, y, and z are real numbers greater than zero. In certain embodiments, x is not greater than 7, and y is not greater than 6, or a combination thereof. The composition may be a microporous aerogel, a mesoporous aerogel, a crystalline structure, or a combination thereof. In certain embodiments, the material is an aerogel, and a surface of the aerogel comprises microcrystals, nanocrystals or a combination thereof, of the material. The compositions have very low densities. Also disclosed are methods to produce the composition and use of the composition in batteries.



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

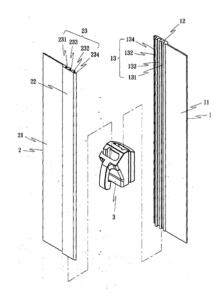
(22) Date of filing of Application :21/06/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: WATERPROOF DUAL-TRACK ZIPPER

(51) International classification(31) Priority Document No(32) Priority Date	19/00 :NA	(71)Name of Applicant: 1)ROGER, C. Y. CHUNG Address of Applicant: 2F, NO. 1, ALLEY 3, LANE 106, LUNG-AN RD., HSINCHUANG DIST., NEW TAIPEI CITY
(33) Name of priority country	:NA	24257, TAIWAN, R.O.C.
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)ROGER, C. Y. CHUNG
(87) 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) A1		

(57) Abstract:

A waterproof dual-track zipper includes two zipper tapes (1,2) of the same structure, each zipper tape including a tape body, a mating strip integrally formed with one lateral side of the tape body and a sealing structure located on one side of the mating strip, the sealing structure including a male engaging member (132,232) and a female engaging member (131,231), a first close-fit portion (133,233) connected between the male and female engaging members and a second close-fit portion (134,234) at an opposite lateral side of the male engaging member, and a zipper slider (3) coupled between the two zipper tapes and movable to force the male engaging member (132,232) of one zipper tape into engagement with the female engaging member (131,231) of the other zipper tape and to abut the first and second close-fit portions of one zipper tape be against hook flanges (2312) of the female engaging member (231) of the other zipper tape, achieving excellent waterproofing effects.



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

(22) Date of filing of Application :21/06/2013

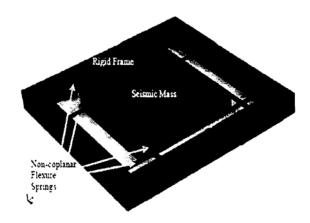
(43) Publication Date: 26/12/2014

(54) Title of the invention: UNIAXIAL MEMS PIEZORESISTIVE ACCELEROMETER WITH ENHANCED CROSS -AXIS SIGNAL REJECTION.

(51) International classification	·C01D15/00	(71)Name of Applicant:
(31) Priority Document No	:NA	1)INDIAN INSTITUTE OF TECHNOLOGY,
(32) Priority Date	:NA	KHARAGPUR
(33) Name of priority country	:NA	Address of Applicant :SPONSORED RESEARCH &
(86) International Application No	:NA	INDUSTRIAL CONSULTANCY, INDIAN INSTITUTE OF
Filing Date	:NA	TECHNOLOGY, KHARAGPUR-721302, WEST BENGAL,
(87) International Publication No	: NA	INDIA.
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor:
Filing Date	:NA	1)ROY, ANINDYA LAL
(62) Divisional to Application Number	:NA	2)BHATTACHARYYA, TARUN KANTI
Filing Date	:NA	

(57) Abstract:

The present invention discloses a MEMS based acceleration sensor system comprising a rigid frame involving non-coplanar structural support to the sensor, a central seismic mass, resiliently fixed with the rigid frame by involving multiple flexure springs arranged on the rigid frame orthogonal to out-of-plane or the measuring acceleration direction, for maximizing inertia due to the acceleration and accordingly generating stress on the flexure springs and electrical sensors cooperatively disposed on the flexure springs for generating electrical signal equivalent to the stress generated on the flexure springs to measure the acceleration.



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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.730/KOL/2013 A

(19) INDIA

(22) Date of filing of Application :19/06/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention: SUPERIOR SURFACE CASTED SYNDET BAR AND PROCESS FOR PRODUCING THE SAME

C11D9/18 :NA	(71)Name of Applicant: 1)ITC LIMITED Address of Applicant:37,J.L.NEHRU ROAD, KOLKATA-
	700071, WEST BENGAL,INDIA.
	(72)Name of Inventor:
	1)DAS, SUBIR, KUMAR 2)SACHAN, PAYAL
	3)SATYANARAYANA,SODANKURU
:NA	4)RAMAMURTHI, SURESH
:NA	
:NA	
:NA	
	C11D9/18 :NA

(57) Abstract:

A syndet bar composition for improved surface finish of casted syndet base bathing bar is provided wherein inorganic and organic structurants are present in a specific ratio.

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

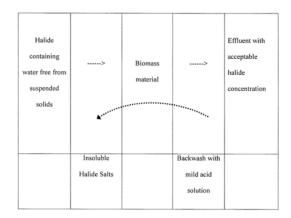
(22) Date of filing of Application :20/06/2013 (43) Publication Date : 26/12/2014

(54) Title of the invention : METHODS FOR DECREASING AQUEOUS HALIDE AND ORGANOHALIDE LEVELS USING PLANT BIOMASS

(51) International classification	:C02F	(71)Name of Applicant:
(31) international classification	1/00	1)Indian Institute of Technology Kharagpur
(31) Priority Document No	:NA	Address of Applicant :Kharagpur 721302, West Bengal, India.
(32) Priority Date	:NA	(72)Name of Inventor:
(33) Name of priority country	:NA	1)Debasis ROY
(86) International Application No	:NA	2)Suvendu MANNA
Filing Date	:NA	3)Ramkrishna SEN
(87) International Publication No	: NA	4)Basudam Adhikari
(61) Patent of Addition to Application Number	:NA	5)Prosenjit Saha
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(=== 1.1		

(57) Abstract:

Disclosed are processes to treat water having halide ions and organohalides. The process comprises contacting a plant biomass with an alkaline solution to give an alkaline plant biomass, contacting the alkaline plant biomass with water to give a biomass material; and passing water with organohalides or halide ions through the biomass material to provide a low halide filtrate and a spent biomass. Various options include a transesterification of the biomass, rinsing the biomass, and drying the biomass prior to use. Fluoride, iodide, and 2,4-dichlorophenoxyacetic acid (2,4-D) were shown to be reduced by 95 % by batch, bed, and/or column methods to provide an inexpensive, simple method to produce potable levels of halides in water.



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

PUBLICATION U/S 84(3) IN RESPECT OF APPLICATION FOR RESTORATION OF PATENT(MUMBAI)

NOTICE IS HEREBY GIVEN THAT ANY PERSON INTERESTED IN OPPOSING THE FOLLOWING APPLICATION FOR RESTORATION OF PATENT UNDER SECTION 60 OF THE PATENT ACT, 1970 MAY AT ANY TIME WITHIN 2 MONTHS FROM THE DATE OF PUBLICATION OF THIS NOTICE, GIVE NOTICE TO THE CONTROLLER OF PATENTS AT THE APPROPRIATE OFFICE ON THE PRESCRIBED FORM 14 UNDER RULE 85 OF THE PATENTS RULES, 2006.

SR.	PATENT	APPLICANTS	TITLE	DATE OF	APPROPRIA
NO.	NO.			CESSATI ON	TE OFFICE
1	256872	Huntleigh Technology Limited (U.K.)	A frame assembly for a configurable bed	17/07/2012	Mumbai
2	256824	Shri Gajanan Invention And Advanced Research Centre	A pneumatic air rotor driven water pump	19/11/2013	Mumbai
3	255941	Auburn University (U.S.A.)	An adaptor for light transmission in an illumination system for a microscope	08/07/2013	Mumbai
4	253079	Claris Lifesciences Limited	Purification of 2,6- diisopropyl phenol	18/11/2013	Mumbai
5	200554	Godjrej & Boyce Mfg. co. Ltd.	A double locking navtal padloc	14/12/2007	Mumbai
6	200863	Godjrej & Boyce Mfg. co. Ltd.	A lamina padlock	23/11/2006	Mumbai
7	256062	Huntleigh Technology Limited(U.K.)	Bed castor and brake assmbly	17/07/2012	Mumbai

Seri al Nu mbe r	Patent Numbe r	Application Number	Date of Application	Date of Priority	Title of Invention	Name of Patentee	Date of Publication of Abstract u/s 11(A)	Appropriate Office
1	264282	4588/DELNP/2006	11/02/2005	13/02/2004	HEADBAND WITH TENSION INDICATOR	COVIDIEN LP	31/08/2007	DELHI
2	264287	3439/DELNP/2008	06/10/2006	06/10/2005	A METHOD FOR DYNAMIC BUS-BASED VIRTUAL CHANNEL MULTIPLEXING	SIERRA WIRELESS, INC.	25/07/2008	DELHI
3	264288	1859/DELNP/2009	10/10/2007	20/10/2006	PROCESS FOR THE MANUFACTURE OF PENTAFLUOROETHANE	ARKEMA FRANCE	29/05/2009	DELHI
4	264289	4336/DELNP/2007	18/10/2005	07/12/2004	A WIRING BOARD FOR A COMMUNICATIONS JACK	COMMSCOPE SOLUTIONS PROPERTIES, LLC	24/08/2007	DELHI
5	264297	2020/DEL/2006	12/09/2006	16/09/2005	ELECTRICAL SWITCH	ZF Friedrichshafen AG	24/08/2007	DELHI
6	264299	1920/DELNP/2008	14/09/2006	14/09/2005	METHOD OF DRUG FORMULATION BASED ON INCREASING THE AFFINITY OF CRYSTALLINE MICROPARTICLE SURFACES FOR ACTIVE AGENTS	MANNKIND CORPORATION	20/03/2009	DELHI
7	264300	1347/DEL/2004	07/10/1997	09/10/1996	AN APPARATUS FOR BLOW MOLDING A BOTTLE	NISSEI ASB MACHINE CO., LTD.	30/03/2012	DELHI
8	264301	4735/DELNP/2005	19/04/2005	20/04/2004	A RAILWAY VEHICLE, AND A CLAMPING ARRANGEMENT FOR THE FIXATION OF A TOWING ARRANGEMENT IN SUCH VEHICLES	DELLNER COUPLERS AB	02/10/2009	DELHI
9	264304	190/DEL/2006	24/01/2006	25/01/2005	IMAGE PROCESSING METHOD AND IMAGE PROCESSING DEVICE	OLYMPUS IMAGING CORP.	24/08/2007	DELHI
10	264305	9173/DELNP/2008	04/05/2007	05/05/2006	A COMPOSITION COMPRISING A REACTION PRODUCT	PPG INDUSTRIES OHIO, INC.	27/03/2009	DELHI
11	264306	6595/DELNP/2009	18/04/2008	19/04/2009	PERSONAL CARE COMPOSITIONS CONTAINING AT LEAST TWO CATIONIC POLYMERS AND AN ANIONIC SURFACTANT	THE PROCTER & GAMBLE COMPANY	04/05/2012	DELHI

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12	264307	7038/DELNP/2006	23/05/2005	17/06/2004	STEAM AGGLOMERATION OF POLYOLS.	CARGILL INCORPORATED	31/08/2007	DELHI
13	264308	9077/DELNP/2007	25/04/2007	16/05/2006	A METHOD OF DYEING POLYESTER-BASED FIBER MATERIALS	NICCA CHEMICAL CO., LTD.	15/02/2008	DELHI
14	264309	5749/DELNP/2006	15/04/2005	15/04/2004	COMPOSITION FOR SUSTAINED RELEASE OF A BIOLOGICALLY ACTIVE POLYPEPTIDE	AMYLIN PHARMACEUTICALS, INC,ALKERMES PHARMA IRELAND LIMITED,	24/08/2007	DELHI
15	264310	1232/DELNP/2008	15/12/2006	15/12/2006	ELECTROMAGNETIC RESISTIVITY LOGGING SYSTEM AND LOGGING METHODS RELATING THERETO	HALLIBURTON ENERGY SERVICES, INC.	27/06/2008	DELHI
16	264311	6741/DELNP/2006	16/05/2005	14/05/2004	SUTURE METHODS AND DEVICES	ETHICON LLC	31/08/2007	DELHI
17	264314	1275/DEL/2003	15/10/2003	31/10/2002	A METHOD FOR ESTABLISHING A SELF- DIAGNOSING AND SELF- REPAIRING AUTOMATED SYSTEM	GENERAL ELECTRIC COMPANY	14/10/2005	DELHI
18	264321	1360/DELNP/2006	29/09/2004	30/09/2003	METHOD FOR REMOTELY ASSOCIATING A COMMUNICATIONS DEVICE WITH A COMPUTER TERMINAL	BRITISH TELECOMMUNICATION S PUBLIC LIMITED COMPANY	13/07/2007	DELHI
19	264323	1702/DELNP/2006	03/06/2004	23/10/2003	A PLANAR INVERTED F ANTENNA CONFIGURED FOR OPERATION	SONY ERICSSON MOBILE COMMUNICATIONS AB	31/08/2007	DELHI
20	264331	1778/DELNP/2007	29/11/2004	23/09/2004	PROCESS FOR REMOVAL OF IMPURITIES FROM AN OXIDIZER PURGE STREAM	GRUPO PETROTEMEX, S.A. DE C.V.	17/08/2007	DELHI
21	264332	377/DEL/2004	08/03/2004		COMPOSITION FOR CONVERSION OF PAINT SLUDGE INTO BITUMEN BLENDABLE MIXTURE, PROCESS FOR PREPARATION THEREOF	MAHARANI PAINTS PRIVATE LIMITED	24/04/2009	DELHI
22	264334	8505/DELNP/2007	05/04/2006	02/05/2005	A METALLIC ALLOY SLURRY DISPENSER	HUSKY INJECTION MOLDING SYSTEMS LTD.	04/07/2008	DELHI
23	264335	2652/DEL/2006	12/12/2006	28/12/2005	A NON-AEROSOL FOAMABLE COMPOSITION	GOJO INDUSTRIES INC.	17/08/2007	DELHI
24	264336	7631/DELNP/2006	09/06/2005	02/07/2004	A PROCESS FOR A TWO STAGE MELT POLYMERIZATION	PBI PERFORMANCE PRODUCTS, INC.	17/08/2007	DELHI

25	264338	3606/DELNP/2008	30/11/2006	30/11/2005	METHOD AND APPARATUS FOR SUPPORTING LOCATION SERVICES WITH ROAMING	QUALCOMM INCORPORATED	15/08/2008	DELHI
26	264339	212/DEL/2004	16/02/2004	20/03/2004	ACCESS TO AUDIO OUTPUT VIA CAPTURE SERVICE	MICROSOFT CORPORATION	03/03/2006	DELHI
27	264347	2924/DELNP/2008	05/10/2006	12/10/2005	ANTI-MYOSTATIN ANTIBODIES	ELI LILLY AND COMPANY	20/03/2009	DELHI
28	264348	874/DEL/2005	05/04/2005	15/04/2004	PREDICTIVE LOSSLESS CODING OF IMAGES AND VIDEO	MICROSOFT CORPORATION	25/01/2007	DELHI
29	264359	6710/DELNP/2007	23/02/2006	23/02/2005	A METHOD FOR ASSAYING A CHEMICAL COMPOUND FOR ABILITY TO INFLUENCE A RECEPTOR SUBUNIT	DOW AGROSCIENCES LLC	28/09/2007	DELHI
30	264361	1556/DEL/2007	22/06/2007		A PROCESS FOR MAKING SLOW RELEASE PHOSPHATE FERTILIZER	MOHANLAL SUKHADIA UNIVERSITY,RAJASTHA N STATE MINES & MINERALS LIMITED	16/01/2009	DELHI
31	264366	5598/DELNP/2006	09/03/2005	09/03/2004	A METHOD FOR PRODUCING CARBON NANOTUBES FROM A GAS PHASE AND APPARATUS THEREOF	Canatu Oy	24/08/2007	DELHI
32	264368	7523/DELNP/2007	04/04/2006	13/04/2005	METHOD, COMPUTER PROGRAM PRODUCT AND NETWORK NODE ELEMENT FOR THE RAPID IDENTIFICATION OF MALFUNCTIONS IN TRANSMISSION PATHS AND/OR IN NODES	SIEMENS ENTERPRISE COMMUNICATIONS GMBH & CO. KG	11/07/2008	DELHI
33	264379	2329/DEL/2006	19/10/2006	25/10/2005	ELECTRIC MOTOR WITH MULTILAYERED RHOMBIC SINGLE COILS MADE OF WIRE	MAXON MOTOR AG	31/08/2007	DELHI
34	264380	2129/DELNP/2003	17/06/2002	15/06/2001	METHOD AND ELECTRODE FOR DEFINING AND REPLICATING STRUCTURES IN CONDUCTING MATERIALS	REPLISAURUS GROUP SAS	20/01/2006	DELHI
35	264383	2384/DELNP/2006	19/11/2004	20/11/2003	CONTROLLING NETWORK RESOURCES AFTER DETERMINATION OF A FLOW TERMINATION	NOKIA CORPORATION	03/08/2007	DELHI

Ser ial Nu mb er	Patent Number	Application Number	Date of Application	Date of Priority	Title of Invention	Name of Patentee	Date of Publication of Abstract u/s 11(A)	Appropriat e Office
1	264280	2377/MUMNP/2009	24/06/2008	13/07/2007	PROCESS AND PLANT FOR REFINING OIL- CONTAINING SOLIDS	OUTOTEC OYJ	18/06/2010	MUMBAI
2	264281	453/MUMNP/2009	22/08/2007	31/08/2006	DISINFECTANT SYSTEMS AND METHODS	SOLUTIONS BIOMED, LLC.	15/05/2009	MUMBAI
3	264286	47/MUM/2007	09/01/2007		TERMINAL STUD FOR AN ELECTRIC MOTOR	CROMPTON GREAVES LTD	19/09/2008	MUMBAI
4	264312	1439/MUM/2006	07/09/2006		A METHOD OF MAKING A SUSTAINED RELEASE HOT MELT EXTRUDATES COMPOSITION	AMIN PURNIMA DHANRAJ	07/10/2011	MUMBAI
5	264358	1477/MUM/2009	22/06/2009 15:27:12		LIPID NANOVESICLES FOR IMPROVED DELIVERY OF ANTICANCER DRUGS AS AEROSOLS AND INTRAVENOUS FORMULATIONS	INDIAN INSTITUTE OF TECHNOLOGY BOMBAY	31/12/2010	MUMBAI
6	264367	2312/MUMNP/2008	01/03/2007	01/03/2007	UV RESISTANT MULTILAYERED CELLULAR CONFINEMENT SYSTEM	PRS MEDITERRANEAN LTD	27/02/2009	MUMBAI
7	264375	1012/MUMNP/2009	13/11/2007	13/11/2006	PROCESS FOR THE SYNTHESIS OF MOXIFLOXACIN HYDROCHLORIDE	CIPLA LIMITED	03/07/2009	MUMBAI
8	264381	2644/MUMNP/2010	26/06/2009	27/06/2008	TWO-TRAIN CATALYTIC GASIFICATION SYSTEMS	GREATPOINT ENERGY INC.	18/03/2011	MUMBAI
9	264382	1864/MUMNP/2008	19/03/2007	20/03/2006	GROUPING OF USERS FOR MIMO TRANSMISSION IN A WIRELESS COMMUNICATION SYSTEM	QUALCOMM INCORPORATED	10/10/2008	MUMBAI

Seri al Nu mbe r	Patent Numbe r	Application Number	Date of Application	Date of Priority	Title of Invention	Name of Patentee	Date of Publication of Abstract u/s 11(A)	Appropriate Office
1	264284	4320/CHENP/2008	11/04/2007	21/04/2006	FUEL SUPPLY MODULE	KEIHIN CORPORATION	13/03/2009	CHENNAI
2	264292	4518/CHENP/2008	20/03/2007	20/03/2006	AN APPARATUS AND A METHOD FOR ASSIGNING UPLINK RESOURCES	QUALCOMM INCORPORATED	13/03/2009	CHENNAI
3	264293	207/CHENP/2008	04/07/2006	14/07/2005	PHENYLAZO- ACETOACETANILIDE DERIVATIVES WITH A POLYMERIZABLE FUNCTIONAL GROUP	AGFA GRAPHICS NV	19/09/2008	CHENNAI
4	264294	5225/CHENP/2007	08/05/2006	18/05/2005	1-PHENOXY-2- PROPANOL AS A FORMULATING AID FOR DYES	CIBA HOLDING INC	11/01/2008	CHENNAI
5	264296	3718/CHENP/2007	24/02/2006	25/02/2005	PRIMING AND COATING PROCESS	STORA ENSO OYJ	16/11/2007	CHENNAI
6	264298	5478/CHENP/2007	22/06/2006	23/06/2005	ELECTRICAL OIL FORMULATION	SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V	28/03/2008	CHENNAI
7	264302	5744/CHENP/2008	14/04/2006	14/04/2006	PORTABLE PHONE WITH ERGONOMIC IMAGE PROJECTION SYSTEM	NATIONAL TELEPHONE PRODUCTS, INC.	21/08/2009	CHENNAI
8	264316	1963/CHENP/2008	11/10/2006	21/10/2005	METHOD FOR INKJET PRINTING	AGFA GRAPHICS NV	06/02/2009	CHENNAI
9	264333	2647/CHENP/2008	28/11/2006	28/11/2005	QUINACRIDONE DERIVATIVES FOR PIGMENT DISPERSIONS	AGFA GRAPHICS NV	06/03/2009	CHENNAI
10	264340	196/CHENP/2008	23/06/2006	14/07/2005	PIGMENT DISPERSIONS WITH POLYMERIC DISPERSANTS HAVING PENDING CHROMOPHORE GROUPS	AGFA GRAPHICS NV	19/09/2008	CHENNAI
11	264342	4256/CHENP/2007	22/03/2006	25/03/2005	METHOD FOR PRODUCING DECOMPOSER OF ORGANIC HALOGENATED COMPOUND COMPRISING IRON POWDER	DOWA ECO-SYSTEM CO., LTD	21/12/2007	CHENNAI

12	264344	6071/CHENP/2007	14/10/2005	01/07/2005	A METHOD OF PRODUCING AN ETHYLENE HOMOPOLYMER OR A COPOLYMER OF ETHYLENE AND ALPHA OLEFIN BY SOLUTION POLYMERIZATION	SK INNOVATION CO., LTD	27/06/2008	CHENNAI
13	264346	6322/CHENP/2008	11/04/2007	31/05/2006	STABLE NON- AQUEOUS INKJET INKS	AGFA GRAPHICS NV	27/03/2009	CHENNAI
14	264349	6276/CHENP/2008	10/05/2007	19/05/2006	STABLE NON- AQUEOUS INKJET INKS	AGFA GRAPHICS NV	27/03/2009	CHENNAI
15	264353	2464/CHE/2006	29/12/2006		METHOD OF FAST HANDOFF PROCEDURE WHEN A MOBILE NODE RETURNS TO ITS HOME NETWORK	SAMSUNG R& D INSTITUTE OF INDIA BANGALORE PRIVATE LIMITED	28/11/2008	CHENNAI
16	264354	4350/CHENP/2008	21/02/2007	21/02/2006	SELECTION OF HOST CELLS EXPRESSING PROTEIN AT HIGH LEVELS	CHROMAGENICS B.V.	13/03/2009	CHENNAI
17	264356	6077/CHENP/2007	31/05/2006	31/05/2005	MODIFIED ZEOLITES BETA	CHINA PETROLEUM & CHEMICAL CORPORATION, RESEAR CH INSTITUTE OF PETROLEUM PROCESSING, SINOPEC	27/06/2008	CHENNAI
18	264360	5325/CHENP/2007	25/05/2006	25/05/2005	6,7-UNSATURATED-7- CARBAMOYL- SUBSTITUTED MORPHINAN DERIVATIVE	SHIONOGI & CO., LTD.	28/03/2008	CHENNAI
19	264362	1673/CHE/2007	31/07/2007 15:46:37		CONVENIENT AND IMPROVED PROCESS FOR GLATIRAMER ACETATE	NATCO PHARMA LIMITED	11/09/2009	CHENNAI
20	264363	3312/CHENP/2007	24/01/2006	28/01/2005	A PROCESS FOR PRODUCING AN ION- EXCHANGE RESIN CATALYST FOR USE IN THE PRODUCTION OF BISPHENOL A	DOW GLOBAL TECHNOLOGIES , LLC	09/11/2007	CHENNAI
21	264364	3463/CHENP/2007	30/01/2006	07/02/2005	HETEROCYCLIC SUBSTITUTED PHENYL METHANONES AS INHIBITORS OF THE GLYCINE TRANSPORTER 1	F. HOFFMANN-LA ROCHE AG	16/11/2007	CHENNAI

Seri al Nu mbe r	Patent Numbe r	Application Number	Date of Application	Date of Priority	Title of Invention	Name of Patentee	Date of Publication of Abstract u/s 11(A)	Appropriate Office
1	264283	3325/KOLNP/2007	29/03/2006	29/03/2005	A METHOD OF TRANSMITTING A VALIDITY OF PHYSICAL CHANNELS CARRYING MULTIMEDIA BROADCAST MULTICAST SERVICE(MBMS) DATA IN A WIRELESS COMMUNICATION SYSTEM	LG ELECTRONICS INC.	21/03/2008	KOLKATA
2	264285	1714/KOLNP/2008	20/10/2006	13/12/2005	MAPPING OF BROADCAST SYSTEM INFORMATION TO TRANSPORT CHANNELS IN A MOBILE COMMUNICATION SYSTEM	PANASONIC CORPORATION	26/12/2008	KOLKATA
3	264290	1409/KOLNP/2007	24/10/2005	26/10/2004	FACTOR Xa COMPOUNDS	JANSSEN PHARMACEUTICA N.V.	20/07/2007	KOLKATA
4	264291	3352/KOLNP/2008	15/01/2007	16/01/2006	TEMPLATE-FIXED PEPTIDOMIMETICS WITH ANTIMICROBIAL ACTIVITY	POLYPHOR LTD.,UNIVERSITAT ZURICH	13/02/2009	KOLKATA
5	264295	1950/KOLNP/2009	27/10/2007	27/10/2007	NEW BENZAMIDE DERIVATIVES AS BRADYKININ ANTAGONISTS	RICHTER GEDEON NYRT.	19/06/2009	KOLKATA
6	264303	2828/KOLNP/2009	14/12/2007	06/02/2007	METHOD AND SYSTEM FOR DRYING FUELS IN THE FORM OF DUST, ESPECIALLY FUELS TO BE FED TO A GASIFICATION PROCESS	UHDE GMBH	30/10/2009	KOLKATA
7	264313	881/KOLNP/2007	10/08/2005	08/09/2004	PIPE SECTION PROVIDED WITH A SOCKET END PART	WAVIN B.V.	13/07/2007	KOLKATA
8	264315	1763/KOL/2008	17/10/2008	30/11/2007	AUTOMATIC TRANSMISSION ACTUATORS AND SENSORS HAVING INTEGRATED ELECTRONICS	GM GLOBAL TECHNOLOGY OPERATIONS, INC.	12/06/2009	KOLKATA

9	264317	2402/KOLNP/2007	12/01/2006	14/01/2005	A METHOD OF AND AN APPARATUS FOR OPERATING A TRANSPORT INTERFACE FOR ONE LOCAL FIBER CHANNEL/ FICON PORT	CISCO TECHNOLOGY INC	24/08/2007	KOLKATA
10	264318	1285/KOLNP/2008	29/08/2006	30/08/2005	1- HETEROCYCLYLSULFO NYL, 2-AMINOMETHYL, 5-(HETERO-) ARYL SUBSTITUTED 1-H- PYRROLE DERIVATIVES AS ACID SECRETION INHIBITORS	TAKEDA PHARMACEUTICAL COMPANY LIMITED	26/12/2008	KOLKATA
11	264319	4894/KOLNP/2007	13/06/2006	14/06/2005	METHOD OF COMMUNICATING SIGNALS IN A MOBILE COMMUNICATION SYSTEM	LG ELECTRONICS INC.	02/01/2009	KOLKATA
12	264320	2672/KOLNP/2008	15/01/2007	16/01/2006	ELECTROLYSIS CELL CONSISTING OF ELASTIC CURRENT DISTRIBUTORS	UHDENORA S. P. A.	23/01/2009	KOLKATA
13	264322	97/KOL/2008	14/01/2008 13:26:34		ROTARY KILN HAVING REFRACTORY LINING ADAPTED FOR SUPERIOR THERMO- MECHANICAL PROPERTIES	STEEL AUTHORITY OF INDIA LIMITED	17/07/2009	KOLKATA
14	264324	4200/KOLNP/2007	02/05/2006	04/05/2005	METHOD AND APPARATUS FOR RECONFIGURING A COMMON CHANNEL	LG ELECTRONICS INC.	15/02/2008	KOLKATA
15	264325	3823/KOLNP/2007	25/04/2006	25/04/2005	CONTROLLED GROWTH OF A NANOSTRUCTURE ON A SUBSTRATE, AND ELECTRON EMISSION DEVICES BASED ON THE SAME	SMOLTEK AB	21/03/2008	KOLKATA
16	264326	4259/KOLNP/2007	29/05/2006	21/06/2005	TERMINAL, METHOD AND SYSTEM FOR PERFORMING COMBINATION SERVICE USING TERMINAL CAPABILITY VERSION	LG ELECTRONICS INC.	20/06/2008	KOLKATA
17	264327	4071/KOLNP/2007	14/11/2005	20/04/2005	SLIDING PART AND PROCESS FOR PRODUCING THE SAME	DIAMET CORPORATION	02/01/2009	KOLKATA
18	264328	4417/KOLNP/2007	18/05/2006	18/05/2005	PROVIDING TRAFFIC INFORMATION INCLUDING SUB-LINKS OF LINKS	LG ELECTRONICS INC.	06/06/2008	KOLKATA

19	264329	3167/KOLNP/2009	27/12/2007	27/12/2007	COMPOSITE ARTICLE WITH MAGNETOCALORICALL Y ACTIVE MATERIAL AND METHOD FOR ITS PRODUCTION	VACUUMSCHMELZE GMBH & CO., KG	20/08/2010	KOLKATA
20	264330	1790/KOLNP/2007	09/11/2005	10/11/2004	SPIROBICYCLIC LACTAM COMPOUNDS USEFUL AS INHIBITORS OF 11- HYDROXY STEROID DEHYDROGENASE TYPE 1 FOR TREATING METABOLIC DISORDERS	INCYTE CORPORATION	10/08/2007	KOLKATA
21	264337	631/KOLNP/2008	30/08/2006	31/08/2005	POWER DELIVERY SYSTEM INCLUDING INTERCHANGEABLE CELLS	SIEMENS INDUSTRY, INC.	19/12/2008	KOLKATA
22	264341	861/KOLNP/2007	09/09/2005	10/09/2004	METHOD AND APPARATUS FOR SELECTING A CHANNEL FILTER FOR COMMUNICATION SYSTEM	TTPCOM LIMITED	13/07/2007	KOLKATA
23	264343	433/KOLNP/2009	31/07/2007	18/08/2006	COMMUNICATION SYSTEM	FUJITSU LIMITED	08/05/2009	KOLKATA
24	264345	1323/KOLNP/2007	25/11/2005	26/11/2004	ANTENNA CONTROL SYSTEM	POWERWAVE TECHNOLOGIES SWEDEN AB	31/08/2007	KOLKATA
25	264350	3530/KOLNP/2008	08/02/2007	08/02/2006	METHODS AND COMPOSITIONS FOR METAL NANOPARTICLE TREATED SURFACES	KIMBERLY-CLARK WORLDWIDE, INC.	20/02/2009	KOLKATA
26	264351	3026/KOLNP/2008	30/01/2007	30/01/2006	METHOD FOR REUSING RECORDING MEDIUM, REUSABLE RECORDING MEDIUM, METHOD FOR PRODUCING REUSABLE RECORDING MEDIUM AND IMAGE FORMING APPARATUS		06/02/2009	KOLKATA
27	264352	1706/KOLNP/2009	16/11/2007	21/11/2006	A METHOD AND AN APPARATUS FOR RECEIVING SYSTEM INFORMATION FROM A BASE STATION IN A MOBILE STATION IN A MOBILE COMMUNICATION SYSTEM	SAMSUNG ELECTRONICS CO., LTD.	12/06/2009	KOLKATA
28	264355	235/KOL/2005	28/03/2005		A METHOD OF PRODUCING SILT EROSION AND CORROSION RESISTANT COATINGS	BHARAT HEAVY ELECTRICALS LIMITED	16/10/2009	KOLKATA

29	264357	1888/KOLNP/2009	30/11/2007	05/12/2006	GRANULAR AGRICHEMICAL COMPOSITION	NIPPON KAYAKU KABUSHIKI KAISHA	12/06/2009	KOLKATA
30	264365	2609/KOLNP/2005	18/05/2004	21/05/2003	A BIOSTATIC COMPOSITION SUITABLE FOR APPLICATION TO HARD SURFACES TO INHIBIT BIOFILM GROWTH	NOVAPHARM RESEARCH (AUSTRALIA) PTY LTD.	01/12/2006	KOLKATA
31	264369	1663/KOLNP/2005	04/03/2004	07/03/2003	POLYESTER POLYMERIZATION CATALYST, PROCESS FOR PRODUCING THE SAME AND PROCESS FOR PRODUCING POLYESTER THEREWITH	MITSUBISHI CHEMICAL CORPORATION	27/07/2007	KOLKATA
32	264370	4837/KOLNP/2008	24/05/2007	26/05/2006	COMPOUNDS CAPABLE OF RELEASING PHENOLIC OPIOIDS THROUGH INTRA- MOLECULAR CYCLIZATION	SIGNATURE THERAPEUTICS, INC.	20/03/2009	KOLKATA
33	264371	2714/KOLNP/2007	13/01/2006	18/01/2005	LOW SHRINK TELECOMMUNICATION S CABLE AND METHODS FOR MANUFACTURING THE SAME	ADC TELECOMMUNICATIO NS, INC.	31/08/2007	KOLKATA
34	264372	180/KOLNP/2009	06/07/2007	29/07/2006	NICKEL-BASED ALLOY	VDM METALS GMBH	01/05/2009	KOLKATA
35	264373	2156/KOL/2008	15/12/2008 16:42:20		METHOD FOR FREQUENCY COMPENSATION OF THYRISTOR FIRING PULSE GENERATION CIRCUIT BASED ON RAMP COMPARATOR	BHARAT HEAVY ELECTRICALS LIMITED	18/06/2010	KOLKATA
36	264374	323/KOLNP/2009	20/06/2007	23/06/2006	APPARATUS FOR TREATING BOTTLES,TINS OR SIMILAR CONTAINERS WITH ATLEAST ONE REPLACEABLE DRIVE SYSTEM	KHS AG	08/05/2009	KOLKATA
37	264376	2895/KOLNP/2008	19/12/2006	20/12/2005	METHOD AND ARRANGEMENT FOR THE RELIABLE MONITORING AND EVALUATION OF OPERATING STATES OF AT LEAST ONE TRAFFIC CONTROL SYSTEM, AND USE OF THE SAME	SCHIENENVERKEHR SYSTEM TECHNIK GmBH	06/02/2009	KOLKATA
38	264377	218/KOL/2009	09/02/2009 16:37:35	08/02/2008	SYSTEMS AND METHODS FOR MONITORING UREA LEVEL	GM GLOBAL TECHNOLOGY OPERATIONS, INC.	28/08/2009	KOLKATA

39	264378	4183/KOLNP/2007	02/06/2006	03/06/2005	AUTOACTIVATED RESISTANCE PROTEIN	KWS SAAT AG	09/05/2008	KOLKATA
40	264384	3495/KOLNP/2007	29/03/2006	29/03/2005	A METHOD OF TRANSMITTING AND RECEIVING CONTROL INFORMATION FOR POINT-TO-MULTIPOINT MULTIMEDIA MULTICAST SERVICE	LG ELECTRONICS INC	31/10/2008	KOLKATA
41	264385	1401/KOLNP/2008	10/10/2006	12/10/2005	APPARATUS AND METHOD FOR NEIGHBOR ASSISTED COMBINING FOR MULTICUST SERVICES	MOTOROLA, INC.	26/12/2008	KOLKATA
42	264386	3493/KOLNP/2007	28/03/2006	28/03/2005	METHOD AND APPARATUS FOR TRANSMITTING/RECEIV ING MBMS TRANSPORT BLOCKS	LG ELECTRONICS INC	31/10/2008	KOLKATA
43	264387	4673/KOLNP/2007	23/05/2006	23/05/2005	REPRODUCING DEVICE, RECORDING DEVICE, RECORDING MEDIUM, DATA PROCESSING METHOD, DATA PROCESSING PROGRAM, DATA RECORDING METHOD, DATA RECORDING PROGRAM, AND INTEGRATED CIRCUIT	PANASONIC CORPORATION,	02/01/2009	KOLKATA
44	264388	54/KOLNP/2009	06/07/2007	06/07/2006	METHOD AND APPARATUS FOR CORRECTING ERRORS IN A MULTIPLE SUBCARRIERS COMMUNICATION SYSTEM USING MULTIPLE ANTENNAS	LG ELECTRONICS INC.	03/04/2009	KOLKATA
45	264389	45/KOL/2007	12/01/2007 16:00:58	18/01/2006	METHOD AND APPARATUS FOR UPLINK RESOURCE ALLOCATION IN A FREQUENCY DIVISION MULTIPLE ACCESS COMMUNICATION SYSTEM	MOTOROLA, INC.	14/09/2007	KOLKATA

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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 Registered Design No. 254483 which has been erroneously published in the official Journal of India dated 03/10/2014, part –II , at page 4724, column 1 in the name of EPPENDORF AG, A BODY CORPORATE INCORPORATED UNDER THE LAWS OF GERMANY, HAVING ITS REGISTERED OFFICE AT BARKHAUSENWEG 1, DE-22339, HAMBURG, GERMANY Class 07-07, Date of Registration 13/06/2013, Titled as BUCKET USED FOR CENTRIFUGE DEVICE, Priority Number 402012005801.7, Date 14/12/2012, Country GERMANY should read as

EPPENDORF AG, A BODY CORPORATE INCORPORATED UNDER THE LAWS OF GERMANY, HAVING ITS REGISTERED OFFICE AT BARKHAUSENWEG 1, DE-22339, HAMBURG, GERMANY Class 24-02, Date of Registration 13/06/2013, Titled as BUCKET USED FOR CENTRIFUGE DEVICE, Priority Number 402012005801.7, Date 14/12/2012, Country GERMANY

THE DESIGNS ACT 2000 (SECTION 30) DESIGN ASSIGNMENT

(01)

The Design stands in the name of MIKAEL NILSSON registered under the Designs Act, 2000 has been assigned in the Register of Designs in the name as follows:-

Design No.	Class	Name
251332	09-07	DEVPAT AB., A SWEDISH JOINT STOCK COMPANY WITH ITS OFFICES AT FREJAGATAN 13A, S-723 35 VASTERAS, SWEDEN

(02)

The Design stands in the name of QUADRIFOGLIO SISTEMI D'ARREDO S.P.A. registered under the Designs Act, 2000 has been assigned in the Register of Designs in the name as follows:-

Design No.	Class	Name
259226	06-01	OFFISIT S.R.L., OF VIA CORNARE, 12, 31040 MANSUE. FRAZIONE BASALGHELLE (TREVISO)- ITALY, AN ITALIAN JOINT STOCK COMPANY

COPYRIGHT PUBLICATION

SL NO	REGISTERED DESIGN NUMBERS	RENEWED ON
1.	197689	24.11.2014
2.	197815	24.11.2014
3.	196351	24.11.2014
4.	197736	24.11.2014
5.	197046	24.11.2014
6.	197045	24.11.2014
7.	199180	24.11.2014
8.	199179	24.11.2014
9.	199152	24.11.2014
10.	198999	24.11.2014
11.	197318	25.11.2014
12.	197159	25.11.2014
13.	198666	25.11.2014
14.	198663	25.11.2014
15.	198664	25.11.2014
16.	198665	25.11.2014
17.	200799	25.11.2014
18.	200800	25.11.2014
19.	200801	25.11.2014
20.	200802	25.11.2014
21.	200803	25.11.2014
22.	200804	25.11.2014
23.	200805	25.11.2014
24.	197012	27.11.2014
25.	198033	27.11.2014
26.	198908	27.11.2014
27.	198909	27.11.2014
28.	197937	27.11.2014
29.	197999	24.11.2014
30.	198585	25.11.2014
31.	198587	25.11.2014
32.	198586	25.11.2014
33.	259104	27.11.2014
34.	258773	27.11.2014
35.	258772	27.11.2014
36.	198787	27.11.2014
37.	190915	24.11.2014
38.	190916	24.11.2014
39.	191524	24.11.2014
40.	191525	24.11.2014

RESTORATION OF LAPSED DESIGNS UNDER SECTION 12 (2) OF THE DESIGNS ACT, 2000

(01)

An application made under Section 12 (2) of the Designs act, 2000 on 27.11.2013, for Restoration of Design No.190915 dated 07.01.2003 in the name of EBCO PRIVATE LIMITED OF 402-3, HYDE PARK, SAKHI VIHAR ROAD, MUMBAI-400072, MAHARASHTRA, INDIA has been allowed.

(02)

An application made under Section 12 (2) of the Designs act, 2000 on 27.11.2013, for Restoration of Design No.190916 dated 07.01.2003 in the name of EBCO PRIVATE LIMITED OF 402-3, HYDE PARK, SAKHI VIHAR ROAD, MUMBAI-400072, MAHARASHTRA, INDIA has been allowed.

(03)

An application made under Section 12 (2) of the Designs act, 2000 on 27.11.2013, for Restoration of Design No.191524 dated 13.03.2003 in the name of EBCO PRIVATE LIMITED OF 402-3, HYDE PARK, SAKHI VIHAR ROAD, MUMBAI-400072, MAHARASHTRA, INDIA has been allowed.

(04)

An application made under Section 12 (2) of the Designs act, 2000 on 27.11.2013, for Restoration of Design No.191525 dated 13.03.2003 in the name of EBCO PRIVATE LIMITED OF 402-3, HYDE PARK, SAKHI VIHAR ROAD, MUMBAI-400072, MAHARASHTRA, INDIA has been allowed.

REGISTRATION OF DESIGNS

The following designs have been registered. They are now open for public inspection. In the following each entry the Date of Registration is shown. The Priority Number, Priority Date and Priority Country are also shown

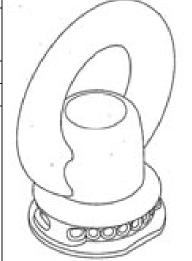
DESIGN NUMBER	262487	
CLASS	02-03	~
	G AS: CHANKAYA HITECH INDUSTRIES, 0051, DELHI STATE, INDIA, INDIAN	
DATE OF REGISTRATION		
TITLE	HELMET	
PRIORITY NA		
DESIGN NUMBER	260523	
CLASS	27-02	
M/S. A1 HANDICRAFT TRADERS, A PRINCIPAL PLACE OF BUSINESS	ED ALI, INDIAN NATIONAL PARTNER OF AN INDIAN NATIONAL FIRM HAVING ITS ADDRESS AT A, CHANDRYANGUTTA, HYDERABAD-500005	
DATE OF REGISTRATION	21/02/2014	
TITLE	CIGAR HOLDER	
PRIORITY NA		
DESIGN NUMBER	258333	
CLASS	07-01	Marie or Marie Mar
1)M/S MAGPPIE RETAIL LIMITE AT PD-4A, PITAMPURA, DELHI-1100	CD, 1956 HAVING ITS REGISTERED OFFICE 088, DELHI, INDIA	5
DATE OF REGISTRATION	25/11/2013	
TITLE	SERVING DISH	
PRIORITY NA		

DESIGN NUMBER	260347	
CLASS	09-07	

1)APTARGROUP, INC.,

475 WEST TERRA COTTA, SUITE E, CRYSTAL LAKE, ILLINOIS 60014-9695, UNITED STATES OF AMERICA, A DELAWARE CORPORATION

DATE OF REGISTRATION	14/02/2014	
TITLE	CLOSURE FOR CONTAINER	



PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
29/471,630	04/11/2013	U.S.A.

DESIGN NUMBER	258722	
CLASS	09-05	

1)MEADWESTVACO CORPORATION,

501 SOUTH 5TH STREET, RICHMOND, VIRGINIA 23219, U.S.A.

DATE OF REGISTRATION	13/12/2013	
TITLE	POUCH FOR DISPENSING LIQUID SUBSTANCE	



PRIORITY

ı	IMOMII			
	PRIORITY NUMBER	DATE	COUNTRY	
	29/457,915	13/06/2013	U.S.A.	

DESIGN NUMBER	263902	
CLASS	26-06	
1)HONDA MOTOR CO., LTD., A JAPANESE CORPORATION, OF 1-1, MINAMI-AOYAMA 2-CHOME, MINATO-KU, TOKYO, 107-8556 JAPAN		
DATE OF REGISTRATION 07/07/2014		
TITLE	FRONT COMBINATION LAMP FOR AUTOMOBILE	



PRIORITY NUMBER	DATE	COUNTRY
2014-000735	17/01/2014	JAPAN
	•	



DESIGN NUMBER		250606	
CLASS	12-08		
1)MAN TRUCK & BUS AG, A GER DACHAUER STR. 667, 80995 MÜ			
DATE OF REGISTRATION	03	3/01/2013	
TITLE	DRIVERS CAB O	F A UTILITY VEHICLE	
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
001335236	04/07/2012	OHIM	
DESIGN NUMBER		250685	
CLASS		12-16	
1)MAN TRUCK & BUS AG, A GEN DACHAUER STR. 667, 80995 MU		F	
DATE OF REGISTRATION	03	3/01/2013	
TITLE	FRONT GRILL OF A UTILITY VEHICLE		
PRIORITY			
PRIORITY NUMBER	DATE COUNTRY		
001335210	04/07/2012	OHIM]
DESIGN NUMBER 260978			
CLASS		13-03	
1)ABB FRANCE, A COMPANY OF OF 3 AVENUE DU CANADA, IMN COURTABOEUF CEDEX, FRANCE			
DATE OF REGISTRATION	14	1/03/2014	1
TTLE ELECTRIC CONNECTOR			7.7
PRIORITY			4.11
PRIORITY NUMBER	DATE	COUNTRY	THE CONTRACTOR
002 312 603-0008	19/09/2013	OHIM	

DESIGN NUMBER		261228	
CLASS 23-01		1	
1)VICTAULIC COMPANY, A COL JERSEY, OF 4901 KESSLERSVILLE ROAD, E. STATES OF AMERICA			
DATE OF REGISTRATION	2	4/03/2014	
TITLE	PIPE COU	PLING SEGMENT	
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
29/467,975	25/09/2013	U.S.A.	
DESIGN NUMBER		261816	
CLASS		09-02	
1)M/S. VISBA, OF W-111, GREATER KAILASH-2, N COMPANY			
DATE OF REGISTRATION	1	6/04/2014	0 - 0
TITLE	BUCKET		
PRIORITY NA			
DESIGN NUMBER	242252		
CLASS		20-02	
1)THE PROCTER & GAMBLE CO ONE PROCTER & GAMBLE PLA STATES OF AMERICA			
DATE OF REGISTRATION	13/01/2012		
TITLE	ARTIFICIAL FLOWER DISPLAY STAND SET		and the confidence of the conf
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
29/397, 345	14/07/2011 U.S.A.		

DESIGN NUMBER	260618		
CLASS	07-04		
1) DIPAKBHAI BHIKHABHAI G OF JAY KAY PRODUCTS HAVIN GOKULNAGAR-2, B/H. GOKUL	G BUSINESS AT,		
DATE OF REGISTRATION	20	5/02/2014	
TITLE	F	BEATER	
PRIORITY NA			
DESIGN NUMBER		250627	
CLASS		12-08	
1)MAN TRUCK & BUS AG, A G DACHAUER STR. 667, 80995 M		F	FIA
DATE OF REGISTRATION	03	3/01/2013	
TITLE	DRIVERS CAB C	OF A UTILITY VEHICLE	
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
001335236	04/07/2012	OHIM	
DESIGN NUMBER		258509	
CLASS	15-01		
1)TRIVENI TURBINE LIMITED OF BUSINESS AT 12A, PEENYA INDUSTRIAL AF	•		
DATE OF REGISTRATION	02/12/2013		
TITLE	BLADE OF A	A STEAM TURBINE	
PRIORITY NA		\$ 3	

DESIGN NUMBER	262401	
CLASS	10-02	
1)LUXURY GOODS INTERNATIONAL (L.G.I.) SA, A LIMITED COMPANY		

INCORPORATED UNDER THE LAWS OF SWITZERLAND OF

CH. DES ROCHETTES 2, 2016 CORTAILLOD, SWITZERLAND

DATE OF REGISTRATION	07/05/2014	
TITLE	WRISTWATCH	



PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
140397	04/02/2013	SWITZERLAND

DESIGN NUMBER	264199	
CLASS	02-04	
1)SH. AMAN GUPTA, F-24/201-202, SECTOR-3, ROHINI, DELHI-110085, (INDIA)		

AN INDIAN NATIONAL OF THE ABOVE ADDRESS

DATE OF REGISTRATION	23/07/2014	
TITLE	SOLE FOR FOOTWEAR	



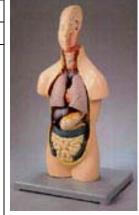
PRIORITY NA

DESIGN NUMBER	252365	
CLASS	19-07	

1) SUNIT JAIN A CITIZEN OF INDIA OF

ARIHANT INDUSTRIES, 40 HSIDC INDUSTRIAL ESTATE, AMBALA CANTT. 133001

DATE OF REGISTRATION	15/03/2013	
TITLE	TEACHING AID	



PRIORITY NA

DESIGN NUMBER	263861		
CLASS	23-01		
1)UNILEVER PLC, A COMPANY UNDER COMPANY NO. 41424 OF UNILEVER HOUSE, 100 VICTOR UNITED KINGDOM			
DATE OF REGISTRATION	C	03/07/2014	
TITLE	WATER PUF	RIFICATION DEVICE	
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
002385955-0001	17/01/2014	OHIM	
DESIGN NUMBER		263954	
CLASS		09-07	THE RESERVE OF THE PARTY OF THE
1)POLAR CONTAINERS PVT. LT COMPANY REGISTERED UNDER HAVING OFFICE AT S. NO. 134. GA COMPOUND, VASAI PHATA,	THE INDIAN COMI ALA NO. EE 15 KHA	PANIES ACT, 1956), AN REAL ESTATE	
1)POLAR CONTAINERS PVT. LT COMPANY REGISTERED UNDER HAVING OFFICE AT S. NO. 134. GA COMPOUND, VASAI PHATA, NEAR NATIONAL HIGHWAY-8, VILLAGE, VASAI (EAST), THANE-4	THE INDIAN COMI ALA NO. EE 15 KHA (OPP. FOUNTAIN CI 01208, MAHARASHT	PANIES ACT, 1956), AN REAL ESTATE TY MALL), PELHAR TRA, INDIA	
1)POLAR CONTAINERS PVT. LT COMPANY REGISTERED UNDER HAVING OFFICE AT S. NO. 134. GA COMPOUND, VASAI PHATA, NEAR NATIONAL HIGHWAY-8, VILLAGE, VASAI (EAST), THANE-4 DATE OF REGISTRATION	THE INDIAN COMI ALA NO. EE 15 KHA (OPP. FOUNTAIN CI 01208, MAHARASHT	PANIES ACT, 1956), AN REAL ESTATE TY MALL), PELHAR TRA, INDIA 0/07/2014	
1)POLAR CONTAINERS PVT. LT COMPANY REGISTERED UNDER HAVING OFFICE AT S. NO. 134. GA COMPOUND, VASAI PHATA, NEAR NATIONAL HIGHWAY-8, VILLAGE, VASAI (EAST), THANE-4 DATE OF REGISTRATION TITLE	THE INDIAN COMI ALA NO. EE 15 KHA (OPP. FOUNTAIN CI 01208, MAHARASHT	PANIES ACT, 1956), AN REAL ESTATE TY MALL), PELHAR TRA, INDIA	
1)POLAR CONTAINERS PVT. LT COMPANY REGISTERED UNDER HAVING OFFICE AT S. NO. 134. GA COMPOUND, VASAI PHATA, NEAR NATIONAL HIGHWAY-8, VILLAGE, VASAI (EAST), THANE-4 DATE OF REGISTRATION TITLE PRIORITY NA	THE INDIAN COMI ALA NO. EE 15 KHA (OPP. FOUNTAIN CI 01208, MAHARASHT	PANIES ACT, 1956), AN REAL ESTATE TY MALL), PELHAR TRA, INDIA 0/07/2014	
1)POLAR CONTAINERS PVT. LT COMPANY REGISTERED UNDER HAVING OFFICE AT S. NO. 134. GA COMPOUND, VASAI PHATA, NEAR NATIONAL HIGHWAY-8, VILLAGE, VASAI (EAST), THANE-4 DATE OF REGISTRATION TITLE PRIORITY NA	THE INDIAN COMI ALA NO. EE 15 KHA (OPP. FOUNTAIN CI 01208, MAHARASHT	PANIES ACT, 1956), AN REAL ESTATE TY MALL), PELHAR FRA, INDIA 0/07/2014 OTTLE CAP	
1)POLAR CONTAINERS PVT. LT COMPANY REGISTERED UNDER HAVING OFFICE AT S. NO. 134. GA COMPOUND, VASAI PHATA, NEAR NATIONAL HIGHWAY-8, VILLAGE, VASAI (EAST), THANE-4 DATE OF REGISTRATION TITLE PRIORITY NA DESIGN NUMBER	THE INDIAN COMI ALA NO. EE 15 KHA (OPP. FOUNTAIN CI 01208, MAHARASHT 1 BC	PANIES ACT, 1956), AN REAL ESTATE TY MALL), PELHAR TRA, INDIA 0/07/2014 DTTLE CAP 260861 13-03 THE LAWS OF FRANCE,	
1)POLAR CONTAINERS PVT. LT COMPANY REGISTERED UNDER HAVING OFFICE AT S. NO. 134. GA COMPOUND, VASAI PHATA, NEAR NATIONAL HIGHWAY-8, VILLAGE, VASAI (EAST), THANE-44 DATE OF REGISTRATION TITLE PRIORITY NA DESIGN NUMBER CLASS 1)ABB FRANCE, A COMPANY OF OF 3 AVENUE DU CANADA, IMPROURTABOEUF CEDEX, FRANCE	THE INDIAN COMI ALA NO. EE 15 KHA (OPP. FOUNTAIN CI 01208, MAHARASHT 1 BC	PANIES ACT, 1956), AN REAL ESTATE TY MALL), PELHAR TRA, INDIA 0/07/2014 DTTLE CAP 260861 13-03 THE LAWS OF FRANCE,	
1)POLAR CONTAINERS PVT. LT COMPANY REGISTERED UNDER HAVING OFFICE AT S. NO. 134. GA COMPOUND, VASAI PHATA, NEAR NATIONAL HIGHWAY-8, VILLAGE, VASAI (EAST), THANE-44 DATE OF REGISTRATION TITLE PRIORITY NA DESIGN NUMBER CLASS 1)ABB FRANCE, A COMPANY OF OF 3 AVENUE DU CANADA, IMPROURTABOEUF CEDEX, FRANCE	THE INDIAN COMI ALA NO. EE 15 KHA (OPP. FOUNTAIN CI 01208, MAHARASHT 1 BC RGANIZED UNDER MEUBLE ATHOS, LE	PANIES ACT, 1956), AN REAL ESTATE TY MALL), PELHAR TRA, INDIA 0/07/2014 DTTLE CAP 260861 13-03 THE LAWS OF FRANCE, ES ULIS, 91978	
1)POLAR CONTAINERS PVT. LT COMPANY REGISTERED UNDER HAVING OFFICE AT S. NO. 134. GA COMPOUND, VASAI PHATA, NEAR NATIONAL HIGHWAY-8, VILLAGE, VASAI (EAST), THANE-4 DATE OF REGISTRATION TITLE PRIORITY NA DESIGN NUMBER CLASS 1)ABB FRANCE, A COMPANY OF 3 AVENUE DU CANADA, IMICOURTABOEUF CEDEX, FRANCE DATE OF REGISTRATION	THE INDIAN COMI ALA NO. EE 15 KHA (OPP. FOUNTAIN CI 01208, MAHARASHT 1 BC RGANIZED UNDER MEUBLE ATHOS, LE	PANIES ACT, 1956), AN REAL ESTATE TY MALL), PELHAR TRA, INDIA 0/07/2014 OTTLE CAP 260861 13-03 THE LAWS OF FRANCE, S ULIS, 91978 0/03/2014	
1)POLAR CONTAINERS PVT. LT COMPANY REGISTERED UNDER HAVING OFFICE AT S. NO. 134. GA COMPOUND, VASAI PHATA, NEAR NATIONAL HIGHWAY-8, VILLAGE, VASAI (EAST), THANE-4 DATE OF REGISTRATION TITLE PRIORITY NA DESIGN NUMBER CLASS 1)ABB FRANCE, A COMPANY OF OF 3 AVENUE DU CANADA, IMPROVED COURTABOEUF CEDEX, FRANCE DATE OF REGISTRATION TITLE	THE INDIAN COMI ALA NO. EE 15 KHA (OPP. FOUNTAIN CI 01208, MAHARASHT 1 BC RGANIZED UNDER MEUBLE ATHOS, LE	PANIES ACT, 1956), AN REAL ESTATE TY MALL), PELHAR TRA, INDIA 0/07/2014 OTTLE CAP 260861 13-03 THE LAWS OF FRANCE, S ULIS, 91978 0/03/2014	

DESIGN NUMBER	262281		
CLASS	07-01		
1)MA DESIGN INDIA PRIVATE L INDIA HAVING ITS PRINCIPAL PI A-41, SECTOR-80, PHASE-II, NOI			
DATE OF REGISTRATION	02/05/2014		
TITLE	BOWL		
PRIORITY NA			
DESIGN NUMBER	261848		
CLASS	02-04		
1)TRILOKI POLYMER, C-7, 8, 9, I 1, NEW DELHI-110083, AN INDIAN PROPRIETORSHIP F. GUPTA, OF ABOVE ADDRESS, AN I	THE STATE OF THE S		
DATE OF REGISTRATION	21/04/2014		
TITLE	FOOTWEAR		
PRIORITY NA			
DESIGN NUMBER	257732		
CLASS	09-07		
VARMORA AND (4). KALPESH A. I DIRECTORS OF VARMORA PLAS INCORPORATED UNDER THE CO PRINCIPLE PLACE OF BUSINESS	FECH PVT. LTD., A COMPANY MPANIES ACT, 1956., HAVING ITS AT, PLOT NO. 3, SURVEY/BLOCK NO. 86,		
	DIVYA BHASKAR PRESS, BAVLA- WAY, TAL: SANAND, DIST: AHMEDABAD-		
DATE OF REGISTRATION	24/10/2013		
TITLE	TLE CONTAINER LID		
PRIORITY NA			

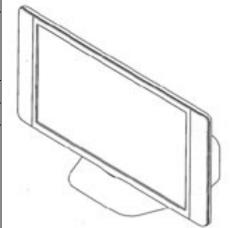
DESIGN NUMBER		260561	
CLASS	09-01		
1)PEARL POLYMERS LIMITED A-97/2, OKHLA INDUSTRIAL A COMPANY INCORPORATED UNDI ADDRESS	REA, PHASE 2, NEV		/E
DATE OF REGISTRATION		21/02/2014	M
TITLE		BOTTLE	
PRIORITY NA			1000
DESIGN NUMBER		258650	
CLASS		09-03	
PROPRIETOR OF EKTA PLAST A ITS PRINCIPAL PLACE OF BUSIN PLOT NO. 726/2, B/H. NATIONA (U.T.), GUJARAT-INDIA	NESS AT	TH ROAD, DAMAN-396210	
DATE OF REGISTRATION		10/12/2013	
TITLE	CONTAINER		
PRIORITY NA			
DESIGN NUMBER		260858	
CLASS	13-03		
1)ABB FRANCE, A COMPANY O OF 3 AVENUE DU CANADA, IM COURTABOEUF CEDEX, FRANCE			
DATE OF REGISTRATION	10/03/2014		
TITLE	TERMINAL BLOCK		
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	-
002 373 340-0003	19/12/2013 OHIM		

DESIGN NUMBER	264077
CLASS	14-03

1)LG ELECTRONICS INC.

128 YEOUI-DAERO, YEONGDEUNGPO - GU, SEOUL 150 - 721, REPUBLIC OF KOREA A CORPORATION INCORPORATED UNDER THE LAWS OF THE REPUBLIC OF KOREA

DATE OF REGISTRATION	16/07/2014
TITLE	TELEVISION MONITOR



PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
30-2014-0011773	10/03/2014	REPUBLIC OF KOREA

GT A GG	DESIGN NUMBER	257942
CLASS 15-0/	CLASS	15-07

1)**PRADEEPKUMAR NANDLAL DHOOT, INDIAN NATIONAL OF** GANGAPURWALA, 2275 ADAT BAZAR, AHMEDNAGAR-414 001, MAHARASHTRA, INDIA.

DATE OF REGISTRATION	01/11/2013	
TITLE	REFRIGERATOR	



PRIORITY NA

DESIGN NUMBER	260391
CLASS	13-03

1)BMC ELECTROPLAST PVT. LTD. THROUGH ITS DIRECTOR MR. GIRISH VASANTRAO MAGRE, BMC ELECTROPLAST PVT LTD.

K-133, MIDC WALUJ, AURANGABAD, MAHARASHTRA, INDIA.

DATE OF REGISTRATION	17/02/2014
TITLE	A DRIVE FOR CIRCUIT BREAKER



PRIORITY NA

DESIGN NUMBER		260511	
CLASS		12-16	
UNDER THE COMPANIES AC'	Γ, 1956, ĤAVI	NDIAN COMPANY INCORPORATI NG ITS REGISTERED OFFICE AT HADDOWS ROAD, CHENNAI 600000	
DATE OF REGISTRATION		20/02/2014	
TITLE	SW	ING ARM FOR TWO WHEELERS	
PRIORITY NA			
DESIGN NUMBER		237665	
CLASS		14-03	*
1)LG ELECTRONICS INC., 20 YEOUIDO-DONG, YEONG KOREA	GDEUNGPO-G	U SEOUL 150-721 REPUBLIC OF	
DATE OF REGISTRATION 29/06/2011			
TITLE		MOBILE PHONE	1 +
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
30-2011-0001294	11/01/2011	REPUBLIC OF KOREA	
DESIGN NUMBER		260824	
CLASS	06-13		
OFFICE AT 89/90, LEVEL 1, DI (WEST), MUMBAI-400102. MAI WHOSE PROPRIETOR IS ISI NATIONAL) OF ABOVE ADDRE	EWAN CENTR HARASHTRA, IAK EBRAHIM	I BAMBOOWALA. (INDIAN	NG
DATE OF REGISTRATION		07/03/2014	
TITLE		TOWEL	_
PRIORITY NA			

DESIGN NUMBER	250668		
CLASS	12-16		
1)MAN TRUCK & BUS AG, A GEI DACHAUER STR. 667, 80995 MU		F	
DATE OF REGISTRATION	0.	3/01/2013	
TITLE	FRONT BUMPER	OF A UTILITY VEHICLE	
PRIORITY	1	1	
PRIORITY NUMBER	DATE	COUNTRY	
001335210	04/07/2012	OHIM	
DESIGN NUMBER		256373	
CLASS		23-01	
1)FLEXITUFF INTERNATIONAL LIMITED, A COMPANY INCORPORATED UNDER THE INDIAN COMPANIES ACT, AT PIPALGAON ROAD, NEAR IDGAH, VILLAGE-MAHUAKHERAGANJ, TEHSIL-KASHIPUR-244713, DIST. UDHAMSINGH NAGAR, UTTARAKHAND, INDIA.			
DATE OF REGISTRATION	11/09/2013		
TITLE	DRIPPER FOR WATERING AGRICULTURAL LAND		
PRIORITY NA			
DESIGN NUMBER	260973		
CLASS	13-03		
1)ABB FRANCE, A COMPANY OF OF 3 AVENUE DU CANADA, IMI COURTABOEUF CEDEX, FRANCE			
DATE OF REGISTRATION	14/03/2014		
TITLE	ELECTRIC CONNECTOR		.5
PRIORITY			
PRIORITY NUMBER	DATE COUNTRY		The state of the s
002 312 603-0003	19/09/2013 OHIM		

DESIGN NUMBER		262293	
CLASS		24-04	
1)TYNOR ORTHOTICS PVT. L. THE COMPANIES ACT, 1956, HA D-111, INDUSTRIAL AREA, PH	VING ADDRESS AT		
DATE OF REGISTRATION		02/05/2014	
TITLE	CER	VICAL COLLAR	
PRIORITY NA			
DESIGN NUMBER		261289	
CLASS		08-06	
SANSKAR SOCIETY, STREET AJI RING ROAD, RAJKOT, GUJAR DATE OF REGISTRATION TITLE		NEAR BALAJI INDUSTRII 27/03/2014 HANDLE	ES,
PRIORITY NA			
DESIGN NUMBER		261496	
CLASS		14-03	
1)BOSE CORPORATION, A COO OF THE MOUNTAIN, MS3B1 FRAI UNITED STATES OF AMERICA			E,
DATE OF REGISTRATION		03/04/2014	
TITLE	ELECTRONIC E	SASE FOR AUDIO SYSTE	M
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
29/469,103	07/10/2013	U.S.A.	

DESIGN NUMBER	260139
CLASS	31-00

1)UNILEVER PLC, A COMPANY REGISTERED IN ENGLAND AND WALES UNDER COMPANY NO. 41424 OF

UNILEVER HOUSE, 100 VICTORIA EMBANKMENT, LONDON, EC4Y 0DY, UNITED KINGDOM

DATE OF REGISTRATION	05/02/2014
TITLE	ICE CREAM DISPENSING APPARATUS



PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
002287938-0001	07/08/2013	OHIM

DESIGN NUMBER	260860
CLASS	13-03

1)ABB FRANCE, A COMPANY ORGANIZED UNDER THE LAWS OF FRANCE, OF 3 AVENUE DU CANADA, IMMEUBLE ATHOS, LES ULIS, 91978 COURTABOEUF CEDEX, FRANCE

DATE OF REGISTRATION	10/03/2014
TITLE	TERMINAL BLOCK



PRIORITY

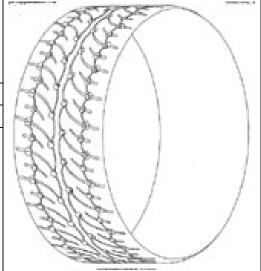
11101111		
PRIORITY NUMBER	DATE	COUNTRY
002 373 340-0005	19/12/2013	OHIM

DESIGN NUMBER	258188
CLASS	12-15

1)COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN, A FRENCH COMPANY OF 12 COURS SABLON, FR-63000, CLERMONT-FERRAND, FRANCE,

AND MICHELIN RECHERCHE ET TECHNIQUE S.A., A SWISS COMPANY OF ROUTE LOUIS BRAILLE 10 - CH-1763 GRANGES-PACCOT, SWITZERLAND

DATE OF REGISTRATION	18/11/2013
TITLE	TIRE TREAD



PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
29/455,364	20/05/2013	U.S.A.

DESIGN NUMBER	20	60553	
CLASS	2	3-03	
1)UNIQUE ECO STOVE., (A PART INDIAN PARTNERSHIP ACT, 1932) PATEL ESTATE ROAD, JOGESHW MAHARASHTRA, INDIA. WHOSE PARTNERS ARE (1) MAZ ZUBER BADRA., (INDIAN NATIONA), AT 101, AL FAROOQ ARI (WEST), MUMBA AZ SALEMA. (INDIAN	E MOMIN NAGAR, I-400102. NATIONAL), & (2)	
DATE OF REGISTRATION	21/0)2/2014	
TITLE	BIO CO	AL STOVE	
PRIORITY NA			
DESIGN NUMBER	25	58820	
CLASS	C	9-09	
1)COMPAGNIE PLASTIC OMNIUM, A FRENCH COMPANY OF 19 AVENUE JULES CARTERET-69007 LYON, FRANCE			
DATE OF REGISTRATION	18/12/2013		
TITLE	CONTAINER FOR COLLECTION OF WASTE		
PRIORITY			
PRIORITY NUMBER	DATE COUNTRY		
DM/081848	11/09/2013	WIPO	
DESIGN NUMBER	DESIGN NUMBER 263831		
CLASS	15-05		
1)WHIRLPOOL OF INDIA LIMITED, AN INDIAN COMPANY HAVING ITS CORPORATE OFFICE AT 'WHIRLPOOL HOUSE', PLOT NO. 40, SECTOR-44, GURGAON-122002, HARYANA, INDIA		6 6 6 6	
DATE OF REGISTRATION	02/07/2014		
TITLE	WASHING MACHINE		
PRIORITY NA			ATTI

CLASS 1)ALPHAEOS AG, OF MARIENSTRASSE 42, 70178 STUTTGART, GERMANY DATE OF REGISTRATION 12/08/2013 TITLE MEASURING DEVICE FOR CLIMATIC CONDITIONS PRIORITY PRIORITY NUMBER 002186072-0003 18/02/2013 OHIM DESIGN NUMBER 262862 CLASS 12-11 1)SUZUKI MOTOR CORPORATION, A JAPANESE CORPORATION OF 300, TAKATSUKA-CHO, MINAMI-KU, HAMAMATSU-SHI, SHIZUOKA-KEN, JAPAN DATE OF REGISTRATION TITLE MOTORCYCLE PRIORITY PRIORITY NUMBER DATE COUNTRY 23/05/2014 TITLE MOTORCYCLE PRIORITY PRIORITY NUMBER DATE COUNTRY 2013-029751 18/12/2013 JAPAN DESIGN NUMBER 250656 CLASS 21-01 1)MAN TRUCK & BUS AG, A GERMAN COMPANY OF DACHAUER STR. 667, 80995 MUNICH, GERMANY DATE OF REGISTRATION 1)MAN TRUCK & BUS AG, A GERMAN COMPANY OF DACHAUER STR. 667, 80995 MUNICH, GERMANY DATE OF REGISTRATION 1)TITLE DRIVERS CAB OF A TOY UTILITY VEHICLE PRIORITY DATE DATE COUNTRY	DESIGN NUMBER		255753	
MARIENSTRASSE 42, 70178 STUTTGART, GERMANY DATE OF REGISTRATION 12/08/2013 TITLE MEASURING DEVICE FOR CLIMATIC CONDITIONS PRIORITY PRIORITY PRIORITY NUMBER DATE COUNTRY 002186072-0003 18/02/2013 OHIM DESIGN NUMBER 262862 CLASS 12-11 1)SUZUKI MOTOR CORPORATION, A JAPANESE CORPORATION OF 300, TAKATSUKA-CHO, MINAMI-KU, HAMAMATSU-SHI, SHIZUOKA-KEN, JAPAN DATE OF REGISTRATION 23/05/2014 TITLE MOTORCYCLE PRIORITY PRIORITY PRIORITY NUMBER DATE COUNTRY 2013-029751 18/12/2013 JAPAN DESIGN NUMBER 250656 CLASS 21-01 1)MAN TRUCK & BUS AG, A GERMAN COMPANY OF DACHAUER STR. 667, 80995 MUNICH, GERMANY DATE OF REGISTRATION 03/01/2013 TITLE DRIVERS CAB OF A TOY UTILITY VEHICLE PRIORITY	CLASS	10-04		
TITLE MEASURING DEVICE FOR CLIMATIC CONDITIONS PRIORITY PRIORITY NUMBER DATE COUNTRY 002186072-0003 18/02/2013 OHIM DESIGN NUMBER 262862 CLASS 12-11 1)SUZUKI MOTOR CORPORATION, A JAPANESE CORPORATION OF 300, TAKATSUKA-CHO, MINAMI-KU, HAMAMATSU-SHI, SHIZUOKA-KEN, JAPAN DATE OF REGISTRATION 23/05/2014 TITLE MOTORCYCLE PRIORITY PRIORITY PRIORITY NUMBER DATE COUNTRY 2013-029751 18/12/2013 JAPAN DESIGN NUMBER 250656 CLASS 21-01 1)MAN TRUCK & BUS AG, A GERMAN COMPANY OF DACHAUER STR. 667, 80995 MUNICH, GERMANY DATE OF REGISTRATION 03/01/2013 TITLE DRIVERS CAB OF A TOY UTILITY VEHICLE PRIORITY				
PRIORITY PRIORITY NUMBER DATE COUNTRY 002186072-0003 18/02/2013 OHIM DESIGN NUMBER 262862 CLASS 12-11 1)SUZUKI MOTOR CORPORATION, A JAPANESE CORPORATION OF 300, TAKATSUKA-CHO, MINAMI-KU, HAMAMATSU-SHI, SHIZUOKA-KEN, JAPAN DATE OF REGISTRATION 23/05/2014 TITLE MOTORCYCLE PRIORITY PRIORITY NUMBER DATE COUNTRY 2013-029751 18/12/2013 DESIGN NUMBER 250656 CLASS 21-01 1)MAN TRUCK & BUS AG, A GERMAN COMPANY OF DACHAUER STR. 667, 80995 MUNICH, GERMANY DATE OF REGISTRATION 03/01/2013 TITLE DRIVERS CAB OF A TOY UTILITY VEHICLE PRIORITY	DATE OF REGISTRATION	12	2/08/2013	(61.)
PRIORITY NUMBER	TITLE			
002186072-0003	PRIORITY			
DESIGN NUMBER 262862	PRIORITY NUMBER	DATE	COUNTRY	
CLASS 12-11 1)SUZUKI MOTOR CORPORATION, A JAPANESE CORPORATION OF 300, TAKATSUKA-CHO, MINAMI-KU, HAMAMATSU-SHI, SHIZUOKA-KEN, JAPAN DATE OF REGISTRATION 23/05/2014 TITLE MOTORCYCLE PRIORITY PRIORITY NUMBER DATE COUNTRY 2013-029751 18/12/2013 JAPAN DESIGN NUMBER 250656 CLASS 21-01 1)MAN TRUCK & BUS AG, A GERMAN COMPANY OF DACHAUER STR. 667, 80995 MUNICH, GERMANY DATE OF REGISTRATION 03/01/2013 TITLE DRIVERS CAB OF A TOY UTILITY VEHICLE PRIORITY	002186072-0003	18/02/2013	OHIM	
I)SUZUKI MOTOR CORPORATION, A JAPANESE CORPORATION OF 300, TAKATSUKA-CHO, MINAMI-KU, HAMAMATSU-SHI, SHIZUOKA-KEN, JAPAN DATE OF REGISTRATION 23/05/2014 TITLE MOTORCYCLE PRIORITY PRIORITY NUMBER DATE COUNTRY 25/0656 CLASS 21-01 I)MAN TRUCK & BUS AG, A GERMAN COMPANY OF DACHAUER STR. 667, 80995 MUNICH, GERMANY DATE OF REGISTRATION 03/01/2013 TITLE DRIVERS CAB OF A TOY UTILITY VEHICLE PRIORITY	DESIGN NUMBER		262862	
300, TAKATSUKA-CHO, MINAMI-KU, HAMAMATSU-SHI, SHIZUOKA-KEN, JAPAN DATE OF REGISTRATION 23/05/2014 TITLE MOTORCYCLE PRIORITY PRIORITY NUMBER DATE COUNTRY 2013-029751 18/12/2013 JAPAN DESIGN NUMBER 250656 CLASS 21-01 1)MAN TRUCK & BUS AG, A GERMAN COMPANY OF DACHAUER STR. 667, 80995 MUNICH, GERMANY DATE OF REGISTRATION 03/01/2013 TITLE DRIVERS CAB OF A TOY UTILITY VEHICLE PRIORITY	CLASS		12-11	
TITLE MOTORCYCLE PRIORITY PRIORITY NUMBER DATE COUNTRY 2013-029751 18/12/2013 JAPAN DESIGN NUMBER 250656 CLASS 21-01 1)MAN TRUCK & BUS AG, A GERMAN COMPANY OF DACHAUER STR. 667, 80995 MUNICH, GERMANY DATE OF REGISTRATION 03/01/2013 TITLE DRIVERS CAB OF A TOY UTILITY VEHICLE PRIORITY	300, TAKATSUKA-CHO, MINAMI-KU, HAMAMATSU-SHI, SHIZUOKA-KEN,			The same of the sa
PRIORITY PRIORITY NUMBER DATE COUNTRY 2013-029751 18/12/2013 JAPAN DESIGN NUMBER 250656 CLASS 21-01 1)MAN TRUCK & BUS AG, A GERMAN COMPANY OF DACHAUER STR. 667, 80995 MUNICH, GERMANY 03/01/2013 TITLE DRIVERS CAB OF A TOY UTILITY VEHICLE PRIORITY PRIORITY	DATE OF REGISTRATION	23/05/2014		
PRIORITY NUMBER	TITLE	MO	TORCYCLE	
2013-029751 18/12/2013 JAPAN	PRIORITY			
DESIGN NUMBER 250656 CLASS 21-01 1)MAN TRUCK & BUS AG, A GERMAN COMPANY OF DACHAUER STR. 667, 80995 MUNICH, GERMANY DATE OF REGISTRATION 03/01/2013 TITLE DRIVERS CAB OF A TOY UTILITY VEHICLE PRIORITY	PRIORITY NUMBER	DATE COUNTRY		
CLASS 21-01 1)MAN TRUCK & BUS AG, A GERMAN COMPANY OF DACHAUER STR. 667, 80995 MUNICH, GERMANY DATE OF REGISTRATION 03/01/2013 TITLE DRIVERS CAB OF A TOY UTILITY VEHICLE PRIORITY	2013-029751	18/12/2013 JAPAN		
1)MAN TRUCK & BUS AG, A GERMAN COMPANY OF DACHAUER STR. 667, 80995 MUNICH, GERMANY DATE OF REGISTRATION 03/01/2013 TITLE DRIVERS CAB OF A TOY UTILITY VEHICLE PRIORITY	DESIGN NUMBER	250656		
DACHAUER STR. 667, 80995 MUNICH, GERMANY DATE OF REGISTRATION 03/01/2013 TITLE DRIVERS CAB OF A TOY UTILITY VEHICLE PRIORITY	CLASS	21-01		
TITLE DRIVERS CAB OF A TOY UTILITY VEHICLE PRIORITY				
PRIORITY	DATE OF REGISTRATION	03/01/2013		8 500
	TITLE	DRIVERS CAB OF A TOY UTILITY VEHICLE		8//\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\
PRIORITY NUMBER DATE COUNTRY	PRIORITY			
	PRIORITY NUMBER	DATE	COUNTRY	
001335236 04/07/2012 OHIM	001335236 04/07/2012		OHIM	

DESIGN NUMBER		259310	
CLASS	15-03		
1)MACDON INDUSTRIES LTD., 680 MORAY STREET, WINNIPE NATIONALITY: CANADA	G MANITOBA CANAI	DA R3J 3S3,	
DATE OF REGISTRATION	09	9/01/2014	
TITLE		RD FOR A SICKLE BAR MOWER	
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
151947	10/07/2013	CANADA	
DESIGN NUMBER		264572	
CLASS		02-04	
INCORPORATED UNDER THE INDIAN COMPANIES ACT), J FTY 98-99, E.P.I.P, PHASE-1, JHARMAJARI, BADDI, DISTT. SOLAN (H.P.)., [INDIA] DATE OF REGISTRATION 07/08/2014			14
TITLE	07/08/2014 SHOE		
PRIORITY NA	SHOE		
DESIGN NUMBER	258461		
CLASS		04-02	(A)
1)GLAXO GROUP LIMITED, EN 980 GREAT WEST ROAD, BREN KINGDOM			
980 GREAT WEST ROAD, BREN	TTFORD, MIDDLESEX		
980 GREAT WEST ROAD, BREN KINGDOM	TTFORD, MIDDLESEX	TW8 9GS, UNITED	
980 GREAT WEST ROAD, BREN KINGDOM DATE OF REGISTRATION	TTFORD, MIDDLESEX	7 TW8 9GS, UNITED 8/11/2013	
980 GREAT WEST ROAD, BREN KINGDOM DATE OF REGISTRATION TITLE	TTFORD, MIDDLESEX	7 TW8 9GS, UNITED 8/11/2013	

DESIGN NUMBER	260482
CLASS	28-03

1)THE GILLETTE COMPANY, A COMPANY INCORPORATED UNDER THE LAWS OF UNITED STATES OF AMERICA HAVING ITS OFFICE AT

IP/LEGAL PATENT DEPARTMENT - 3E, ONE GILLETTE PARK, BOSTON, MASSACHUSETTS 02127, UNITED STATES OF AMERICA

DATE OF REGISTRATION	19/02/2014
TITLE	RAZOR CARTRIDGE
PRIORITY	



PRIORITY NUMBER	DATE	COUNTRY
29/465,283	26/08/2013	U.S.A.

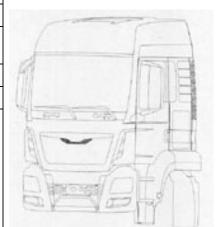
DESIGN NUMBER	250635
CLASS	12-08

1)MAN TRUCK & BUS AG, A GERMAN COMPANY OF DACHAUER STR. 667, 80995 MUNICH, GERMANY

DATE OF REGISTRATION	03/01/2013
TITLE	DRIVERS CAB OF A UTILITY VEHICLE



PRIORITY NUMBER	DATE	COUNTRY
001335236	04/07/2012	OHIM



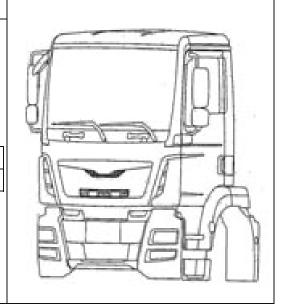
DESIGN NUMBER 2506	137
CLASS 21-	01

1)MAN TRUCK & BUS AG, A GERMAN COMPANY OF DACHAUER STR. 667, 80995 MUNICH, GERMANY

DATE OF REGISTRATION	03/01/2013
TITLE	DRIVERS CAB OF A UTILITY VEHICLE

PRIORITY

ı			
	PRIORITY NUMBER	DATE	COUNTRY
I	001335236	04/07/2012	OHIM



DESIGN NUMBER		261009	
CLASS	03-01		
1)SANOFI-AVENTIS DEUTSCHL BRÜNINGSTRASSE 50, 65929 FR			
DATE OF REGISTRATION	1	7/03/2014	
TITLE	MEASURING	INSTRUMENT CASE	
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
002 312 751	19/09/2013	OHIM	ANYTHER ELICIBLY THE VIEW
DESIGN NUMBER		261794	
CLASS		08-07	Acres de la contraction de la
1)GODREJ & BOYCE MFG. CO. LOCKS DIVISION (PLANT-18), F 079, MAHARASHTRA, INDIA, INDI	PIROJSHANAGAR, VI AN COMPANY	,	
DATE OF REGISTRATION	16/04/2014		
TITLE	KEY		
PRIORITY NA			
DESIGN NUMBER		261938	
CLASS		14-01	
1)DEVIALET, OF 10, PLACE VENDÖME, 75001 PA ACTIONS SIMPLIFIÉE	RIS-FRANCE, A FREI	NCH SOCIÉTÉ PAR	
DATE OF REGISTRATION	22/04/2014		
TITLE	LOUDSPEAKER		
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
002333716	25/10/2013 OHIM		

DESIGN NUMBER		259272	
CLASS	12-16		
1)DEERE & COMPANY, A US COL ONE JOHN DEERE PLACE, MOLI		-8098 USA	
DATE OF REGISTRATION	0.	7/01/2014	
TITLE	HOOD F	OR A VEHICLE	
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
29/4644740	20/08/2013	U.S.A.	
DESIGN NUMBER		260481	
CLASS		28-03	
1)THE GILLETTE COMPANY, A COMPANY INCORPORATED UNDER THE LAWS OF UNITED STATES OF AMERICA HAVING ITS OFFICE AT IP/LEGAL PATENT DEPARTMENT - 3E, ONE GILLETTE PARK, BOSTON, MASSACHUSETTS 02127, UNITED STATES OF AMERICA			
DATE OF REGISTRATION	19/02/2014		a di
TITLE	RAZOR CARTRIDGE		
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
29/465,287	26/08/2013	U.S.A.	
DESIGN NUMBER	258418		
CLASS	06-03		
1)KNOLL, INC., A DELAWARE CORPORATION, OF 1235 WATER STREET, EAST GREENVILLE, PENNSYLVANIA 18041, UNITED STATES OF AMERICA			D
DATE OF REGISTRATION	27/11/2013		
TITLE	TABLE		
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	_
29/456,614	31/05/2013 U.S.A.		_

DESIGN NUMBER		258842	
CLASS	06-02		
1) HILL-ROM SERVICES PTE. L 1 YISHUN AVENUE 7 SINGAPO		RATION OF SINGAPORE	
DATE OF REGISTRATION	1	8/12/2013	
TITLE	FOOT RAIL I	FOR A PATIENT BED	
PRIORITY			10//
PRIORITY NUMBER	DATE	COUNTRY	
29/467,703	23/09/2013	U.S.A.	
DESIGN NUMBER		260856	
CLASS		13-03	Charles Street Land
1)ABB FRANCE, A COMPANY ORGANIZED UNDER THE LAWS OF FRANCE, OF 3 AVENUE DU CANADA, IMMEUBLE ATHOS, LES ULIS, 91978 COURTABOEUF CEDEX, FRANCE			U. A. C.
DATE OF REGISTRATION	1	0/03/2014	
TITLE	TERMINAL BLOCK		The state of the s
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	- Vice
002 373 340-0001	19/12/2013	OHIM	
DESIGN NUMBER	MBER 261520		
CLASS		06-01	
1) EKORNES ASA INDUSTRIVE 1, N-6222 IKORNNES, NORWAY		DRWAY	
DATE OF REGISTRATION	03/04/2014		/* * * * //
TITLE	CHAIR		* * * *
PRIORITY			****
PRIORITY			
PRIORITY PRIORITY NUMBER	DATE	COUNTRY	

DESIGN NUMBER	257716
CLASS	09-07

1)(1). H. PATEL, (2). BHUMIKA D. PATEL, (3). PRAKASH P. VARMORA AND (4). KALPESH A. PATEL., ALL INDIAN NATIONAL DIRECTORS OF VARMORA PLASTECH PVT. LTD., A COMPANY INCORPORATED UNDER THE COMPANIES ACT, 1956., HAVING ITS PRINCIPLE PLACE OF BUSINESS AT, PLOT NO. 3, SURVEY/BLOCK NO. 86,

PO. VASNA CHACHARVADI, NR. DIVYA BHASKAR PRESS, BAVLA-CHANGODAR-AHMEDABAD HIGHWAY, TAL: SANAND, DIST: AHMEDABAD-382213. GUJARAT-INDIA

DATE OF REGISTRATION	24/10/2013
TITLE	CONTAINER LID
DDIODIES/ NA	



PRIORITY NA

DESIGN NUMBER	262426
CLASS	08-03

1)A. S. INDUSTRIES, MALERKOTLA ROAD, KHANNA-141401 (PUNJAB) INDIA AN INDIAN PROPRIETORSHIP FIRM WHOSE PROPRIETOR IS :- SWARAN SINGH BEING INDIAN NATIONALS OF THE ABOVE ADDRESS

DATE OF REGISTRATION	07/05/2014
TITLE	GINNING SAW FOR GINNING MILLS



PRIORITY NA

DESIGN NUMBER	262488
CLASS	02-03

1)NARENDER CHAWLA TRADING AS: CHANKAYA HITECH INDUSTRIES,

C-60/1, JITAR NAGAR, DELHI 110051, DELHI STATE, INDIA, INDIAN NATIONAL

DATE OF REGISTRATION	09/05/2014	
TITLE	HELMET	





DESIGN NUMBER		263903	
CLASS	12-16		
1)HONDA MOTOR CO., LTD., A 1-1, MINAMI-AOYAMA 2-CHO			
DATE OF REGISTRATION	0,	7/07/2014	75.752
TITLE	GRILL FO	R AUTOMOBILE	411111
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
2014-000738	17/01/2014	JAPAN	
DESIGN NUMBER 260838			
CLASS		07-01	
449-450, HISDC, EPIP, KUNDLI INDIAN NATIONAL OF THE ABOY DATE OF REGISTRATION			
TITLE		ASH BOWL	
PRIORITY NA	J. 2.		
DESIGN NUMBER		250686	
CLASS		12-16	
1)MAN TRUCK & BUS AG, A G DACHAUER STR. 667, 80995 M		F	
DATE OF REGISTRATION	0:	3/01/2013	
TITLE	FRONT BUMBER	OF A UTILITY VEHICLE	=======================================
PRIORITY			
	DATE COUNTRY		- 11
PRIORITY NUMBER	DATE	COUNTRY	

DESIGN NUMBER		262260	
CLASS	05-05		NO POST OF THE POS
1)M/S. BIBA APPARELS PRIVATI COMPANY INCORPORATED UND ACT, 1956, AND HAVING ITS'S REC RELIABLE HOUSE, SITUATED A KANJURMARG (WEST), OPP. HUMA INDIA	ER THE PROVISION GISTERED OFFICE T HANUMAN SILK N	N OF THE COMPANIES AT MILL COMPOUND,	
DATE OF REGISTRATION	01	1/05/2014	833.00 Bu
TITLE	TEXT	TILE FABRIC	AADIBAAABIBA
PRIORITY NA			00-6-0000-6-06
DESIGN NUMBER		261229	
CLASS		23-01	
1)VICTAULIC COMPANY, A CORPORATION OF THE STATE OF NEW JERSEY, OF 4901 KESSLERSVILLE ROAD, EASTON, PENNSYLVANIA 18040, UNITED STATES OF AMERICA			
DATE OF REGISTRATION	24/03/2014		
TITLE	PIPE COUPLING SEGMENT		6M
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
29/467,976	25/09/2013	U.S.A.	
DESIGN NUMBER	259010		
CLASS	13-03		
1)LARSEN & TOUBRO LIMITED, AN INDIAN COMPANY INCORPORATED UNDER THE COMPANIES ACT, 1956 OF L & T HOUSE, BALLARD ESTATE, MUMBAI 400001, STATE OF MAHARASHTRA, INDIA			
DATE OF REGISTRATION	26	5/12/2013	三 第二年
TITLE	ENCLOSU	JRE FOR RELAY	V Miss
PRIORITY NA			

DESIGN NUMBER	2	61542	
CLASS	08-07		
1)GULMOHAR ENTEPRISES, 435 COMPLEX, DELHI-110035, INDIA. (AN INDIAN PROPRIETORSHIP F AN INDIAN NATIONAL OF THE ABO	TIRM WHOSE PROPRI	•	
DATE OF REGISTRATION	04/	04/2014	4.000
TITLE	BUCKLE	OF LUGGAGE	D
PRIORITY NA			
DESIGN NUMBER	2	61626	
CLASS	(07-05	-
1)RECKITT BENCKISER (BRAND 103-105 BATH ROAD, SLOUGH B			
DATE OF REGISTRATION	09/	04/2014	
TITLE	DEVICE FOR DELIVERING A WASHING AGENT		
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
002335901-0002	30/10/2013	OHIM	
DESIGN NUMBER	263471		
CLASS	23-01		
1)DAYAL CHAND TRADING AS M 3745, SHOP NO. 1 & 7, KUCHA PA DARYA GANJ, NEW DELHI-110002,	ARMANAND, NETAJI	SUBHASH MARG,	
DATE OF REGISTRATION	18/06/2014		
TITLE	HAND VALVE		
PRIORITY NA			

DESIGN NUMBER	258397
CLASS	23-02

1)ACRYSIL GMBH.; A COMPANY INCORPORATED UNDER THE LAW OF INDIA; ADDRESS AT,

DARMSTADTER LANDSTRASSE 125, D-60598 FRANKFURT MAIN, GERMANY

DATE OF REGISTRATION	26/11/2013
TITLE	WASH BASIN



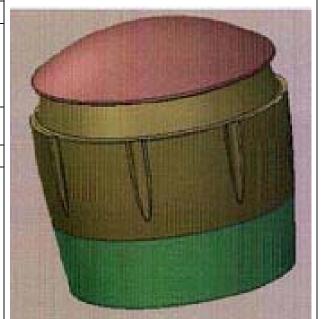
PRIORITY NA

DESIGN NUMBER	263028
CLASS	07-04

1)INDIAN PRODUCTS LIMITED, A COMPANY REGISTERED UNDER THE COMPANIES ACT 1956 HAVING ITS REGISTERED OFFICE AT

NO. 604, QUEENS CORNER 'A', 3 QUEENS ROAD, BANGALORE-560 001.

DATE OF REGISTRATION	30/05/2014
TITLE	GRINDER



PRIORITY NA

DESIGN NUMBER	263828
CLASS	12-11

1)TVS MOTOR COMPANY LIMITED, AN INDIAN COMPANY INCORPORATED UNDER THE COMPANIES ACT, 1956, HAVING ITS REGISTERED OFFICE AT

"JAYALAKSHMI ESTATES", 29 (OLD NO. 8) HADDOWS ROAD, CHENNAI 600006, TAMIL NADU, INDIA

DATE OF REGISTRATION	02/07/2014
TITLE	MOPED



PRIORITY NA

DESIGN NUMBER		256418	
CLASS		06-03	
1)HERMAN MILLER, INC., OF 855 EAST MAIN AVENUE, ZE OF AMERICA	ELAND, MICHIGAN	49464, UNITED STATES	
DATE OF REGISTRATION	13	3/09/2013	
TITLE	WO	ORK DESK	
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
29/449,948	15/03/2013	U.S.A.	
DESIGN NUMBER		261585	
CLASS		06-10	N. C. Commission of Street, St
SHRI HARI INDUSTRIAL MAIN I RAJKOT, GUJARAT-INDIA DATE OF REGISTRATION TITLE	03	8/04/2014 TAIN BLIND	35/36
PRIORITY NA			(*)
DESIGN NUMBER		262470	
CLASS		09-99	
1)HI-TECH NATURAL PRODUCT COMPANY REGISTERED AND INC PROVISIONS OF THE COMPANIE OFFICE AT 205, JAWAHAR GALI, FARSH BA INDIAN NATIONAL, OF THE ABOV	CORPORÁTED ÍN IN S ACT, 1956) HAVIN ZAR, SHAHDARA, I	NDIA UNDER THE G ITS REGISTERED	
DATE OF REGISTRATION	08	8/05/2014	Complete Com
TITLE	HONEY CO	OMB CONTAINER	
PRIORITY NA			

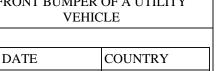
DESIGN NUMBER		258330	
CLASS		08-06	
1)(1) RAMESHBHAI PANCHABH PAMBHAR (3) TRIBHOVANBHAI PARTNERS ARE ADULT & INDIA KHODIYAR INDUSTRIES (INDIAN BUSINESS 2/8, GOKUL NAGAR, 50, FEET R	PANCHABHAI PAMI N NATIONALS) PAR' N PARTNERSHIP FIR	BHAR (ALL THE INERS OF SHREE M) HAVING PLACE O	
DATE OF REGISTRATION	25	5/11/2013	
TITLE	H	ANDLE	
PRIORITY NA			
DESIGN NUMBER		260332	
CLASS		07-02	
IN THE NAME OF AXIS IMPEX, A UNDER THE PARTNERSHIP ACT, SHOP NO. 4, 83-85, DADY SHET MAHARASHTRA, INDIA DATE OF REGISTRATION	H AGIARY LANE, MU	LACE OF BUSINESS A	
TITLE	CA	SSEROLE	
PRIORITY NA			
DESIGN NUMBER		258721	
CLASS		09-05	0
1)MEADWESTVACO CORPORA OF 501 SOUTH 5TH STREET, RIG		23219, USA	ROD
DATE OF REGISTRATION	13	3/12/2013	
TITLE		DISPENSING LIQUID BSTANCE	
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
29/457,914	13/06/2013	U.S.A.	11

DESIGN NUMBER		263901	
CLASS		12-16	
1)HONDA MOTOR CO., LTD., A 1-1, MINAMI-AOYAMA 2-CHO			
DATE OF REGISTRATION	0.	7/07/2014	
TITLE	REAR BUMPE	R FOR AUTOMOBILE	
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
2014-000737	17/01/2014	JAPAN	
DESIGN NUMBER		260742	
CLASS		13-03	
1)M/S GM MODULAR PVT. LTE INDIAN COMPANIES ACT), 14/15, BOKADIA IND. ESTATE, DISTRICT-THANE, MAHARASHTE	SATIVALI ROAD, VAS		
DATE OF REGISTRATION	03	3/03/2014	
TITLE	S	SWITCH	
PRIORITY NA			
DESIGN NUMBER		250605	
CLASS		12-08	
1)MAN TRUCK & BUS AG, A GI DACHAUER STR. 667, 80995 M		F	PETER ATE
DATE OF REGISTRATION	03	3/01/2013	81
1			
TITLE	DRIVERS CAB C	OF A UTILITY VEHICLE	
PRIORITY	DRIVERS CAB C	OF A UTILITY VEHICLE	
	DATE	COUNTRY	

DESIGN NUMBER	250684
CLASS	12-16

1)MAN TRUCK & BUS AG, A GERMAN COMPANY OF DACHAUER STR. 667, 80995 MUNICH, GERMANY

DATE OF REGISTRATION	03/01/2013
TITLE	FRONT BUMPER OF A UTILITY VEHICLE



OHIM



DESIGN NUMBER	260977
CLASS	13-03

04/07/2012

1)ABB FRANCE, A COMPANY ORGANIZED UNDER THE LAWS OF FRANCE, OF 3 AVENUE DU CANADA, IMMEUBLE ATHOS, LES ULIS, 91978 COURTABOEUF CEDEX, FRANCE

DATE OF REGISTRATION	14/03/2014
TITLE	ELECTRIC CONNECTOR

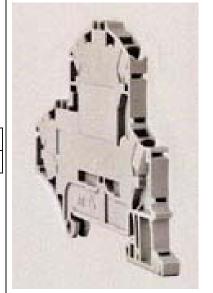


PRIORITY

001335210

PRIORITY NUMBER

п			
	PRIORITY NUMBER	DATE	COUNTRY
	002 312 603-0007	19/09/2013	OHIM



DESIGN NUMBER	256093
CLASS	15-99
1)3// ATTINIDD A O 3// ATTINIDD A T	D. A. COMBANY INCORDOD ATED UNDER

1)MAHINDRA & MAHINDRA LTD., A COMPANY INCORPORATED UNDER THE INDIAN COMPANIES ACT, 1913 OF

GATEWAY BUILDING, APOLLO BUNDER, MUMBAI 400 001, MAHARASHTRA, INDIA.

DATE OF REGISTRATION	28/08/2013
TITLE	ROBOTIC GRIPPER ARM





DESIGN NUMBER	7	.61311	
CLASS		12-15	
1)COMPAGNIE GENERALE DES COMPANY OF 12 COURS SABLON AND MICHELIN RECHERCHE ET ROUTE LOUIS BRAILLE 10, CH	S ETABLISSEMENTS N N, F-63000, CLERMON T TECHNIQUE S.A., A	MICHELIN, A FRENCH T-FERRAND, FRANCE, SWISS COMPANY OF	
DATE OF REGISTRATION	28/	/03/2014	
TITLE		TIRE	
PRIORITY			VE
PRIORITY NUMBER	DATE	COUNTRY	
13/4538	17/10/2013	FRANCE	
DESIGN NUMBER	2	57643	
CLASS		09-03	
1)(1). DHAVAL H. PATEL, (2). BE VARMORA AND (4). KALPESH A. DIRECTORS OF VARMORA PLAS INCORPORATED UNDER THE CO	PATEL., ALL INDIAN STECH PVT. LTD., A C	NATIONAL COMPANY	
VARMORA AND (4). KALPESH A. DIRECTORS OF VARMORA PLAS INCORPORATED UNDER THE COPRINCIPLE PLACE OF BUSINESS PO. VASNA CHACHARVADI, NICHANGODAR-AHMEDABAD HIGH 382213. GUJARAT-INDIA	PATEL., ALL INDIAN STECH PVT. LTD., A C OMPANIES ACT, 1956. SAT, PLOT NO. 3, SUR R. DIVYA BHASKAR P	NATIONAL COMPANY , HAVING ITS VEY/BLOCK NO. 86, RESS, BAVLA-	
VARMORA AND (4). KALPESH A. DIRECTORS OF VARMORA PLAS INCORPORATED UNDER THE COPRINCIPLE PLACE OF BUSINESS PO. VASNA CHACHARVADI, NICHANGODAR-AHMEDABAD HIGH	PATEL., ALL INDIAN STECH PVT. LTD., A C OMPANIES ACT, 1956. S AT, PLOT NO. 3, SUR R. DIVYA BHASKAR P IWAY, TAL: SANAND,	NATIONAL COMPANY , HAVING ITS VEY/BLOCK NO. 86, RESS, BAVLA-	
VARMORA AND (4). KALPESH A. DIRECTORS OF VARMORA PLAS INCORPORATED UNDER THE COPRINCIPLE PLACE OF BUSINESS PO. VASNA CHACHARVADI, NICHANGODAR-AHMEDABAD HIGH 382213. GUJARAT-INDIA	PATEL., ALL INDIAN STECH PVT. LTD., A C OMPANIES ACT, 1956. S AT, PLOT NO. 3, SUR R. DIVYA BHASKAR P IWAY, TAL: SANAND,	NATIONAL COMPANY , HAVING ITS VEY/BLOCK NO. 86, RESS, BAVLA- DIST: AHMEDABAD-	
VARMORA AND (4). KALPESH A. DIRECTORS OF VARMORA PLAS INCORPORATED UNDER THE CO PRINCIPLE PLACE OF BUSINESS PO. VASNA CHACHARVADI, NI CHANGODAR-AHMEDABAD HIGH 382213. GUJARAT-INDIA DATE OF REGISTRATION	PATEL., ALL INDIAN STECH PVT. LTD., A C OMPANIES ACT, 1956. S AT, PLOT NO. 3, SUR R. DIVYA BHASKAR P IWAY, TAL: SANAND,	NATIONAL COMPANY , HAVING ITS VEY/BLOCK NO. 86, RESS, BAVLA- DIST: AHMEDABAD-	DEPONENTIAL VIEW
VARMORA AND (4). KALPESH A. DIRECTORS OF VARMORA PLAS INCORPORATED UNDER THE CO PRINCIPLE PLACE OF BUSINESS PO. VASNA CHACHARVADI, NI CHANGODAR-AHMEDABAD HIGH 382213. GUJARAT-INDIA DATE OF REGISTRATION TITLE	PATEL., ALL INDIAN STECH PVT. LTD., A C OMPANIES ACT, 1956. S AT, PLOT NO. 3, SUR R. DIVYA BHASKAR P IWAY, TAL: SANAND,	NATIONAL COMPANY , HAVING ITS VEY/BLOCK NO. 86, RESS, BAVLA- DIST: AHMEDABAD-	
VARMORA AND (4). KALPESH A. DIRECTORS OF VARMORA PLAS INCORPORATED UNDER THE CO PRINCIPLE PLACE OF BUSINESS PO. VASNA CHACHARVADI, NI CHANGODAR-AHMEDABAD HIGH 382213. GUJARAT-INDIA DATE OF REGISTRATION TITLE PRIORITY NA	PATEL., ALL INDIAN STECH PVT. LTD., A C OMPANIES ACT, 1956. SAT, PLOT NO. 3, SUR R. DIVYA BHASKAR P IWAY, TAL: SANAND,	NATIONAL COMPANY , HAVING ITS VEY/BLOCK NO. 86, RESS, BAVLA- DIST: AHMEDABAD- /10/2013 VTAINER	
VARMORA AND (4). KALPESH A. DIRECTORS OF VARMORA PLAS INCORPORATED UNDER THE CO PRINCIPLE PLACE OF BUSINESS PO. VASNA CHACHARVADI, NI CHANGODAR-AHMEDABAD HIGH 382213. GUJARAT-INDIA DATE OF REGISTRATION TITLE PRIORITY NA DESIGN NUMBER	PATEL., ALL INDIAN STECH PVT. LTD., A COMPANIES ACT, 1956. SAT, PLOT NO. 3, SUR R. DIVYA BHASKAR PIWAY, TAL: SANAND,	NATIONAL COMPANY HAVING ITS VEY/BLOCK NO. 86, RESS, BAVLA- DIST: AHMEDABAD- (10/2013 NTAINER (62527 02-04 GAR, PEERA GARHI,	DEBOAR STEERS
VARMORA AND (4). KALPESH A. DIRECTORS OF VARMORA PLAS INCORPORATED UNDER THE CO PRINCIPLE PLACE OF BUSINESS PO. VASNA CHACHARVADI, NI CHANGODAR-AHMEDABAD HIGH 382213. GUJARAT-INDIA DATE OF REGISTRATION TITLE PRIORITY NA DESIGN NUMBER CLASS 1)NEXGEN FOOTWEAR PVT. LA DELHI-110041, INDIA. (AN INDIAN COMPANY DULY)	PATEL., ALL INDIAN STECH PVT. LTD., A COMPANIES ACT, 1956. AT, PLOT NO. 3, SUR R. DIVYA BHASKAR PIWAY, TAL: SANAND, CONTROL C	NATIONAL COMPANY HAVING ITS VEY/BLOCK NO. 86, RESS, BAVLA- DIST: AHMEDABAD- (10/2013 NTAINER (62527 02-04 GAR, PEERA GARHI,	THE RECORD WITH
VARMORA AND (4). KALPESH A. DIRECTORS OF VARMORA PLAS INCORPORATED UNDER THE CO PRINCIPLE PLACE OF BUSINESS PO. VASNA CHACHARVADI, NI CHANGODAR-AHMEDABAD HIGH 382213. GUJARAT-INDIA DATE OF REGISTRATION TITLE PRIORITY NA DESIGN NUMBER CLASS 1)NEXGEN FOOTWEAR PVT. LE DELHI-110041, INDIA. (AN INDIAN COMPANY DULY 1 1956)	PATEL., ALL INDIAN STECH PVT. LTD., A COMPANIES ACT, 1956. SAT, PLOT NO. 3, SUR R. DIVYA BHASKAR PIWAY, TAL: SANAND, COMPANIES ACT, 1956. COMPANIES ACT, 19	NATIONAL COMPANY , HAVING ITS VEY/BLOCK NO. 86, RESS, BAVLA- DIST: AHMEDABAD- /10/2013 NTAINER /62527 02-04 GAR, PEERA GARHI, THE COMPANIES ACT,	DEPOSITION OF THE POSITION OF

DESIGN NUMBER		262651	
CLASS		09-01	
V2 CORP., A PARTNERSHIP I MERCHANTS, WHOSE ADDR	FIRM, INDIAN, RESS IS	GHAVI, PARTNERS TRADING AS MANUFACTURERS AND R, NEW DELHI-110015, INDIA	
DATE OF REGISTRATION		16/05/2014	
TITLE		BOTTLE	
PRIORITY NA			
DESIGN NUMBER		262700	
CLASS		03-01	
(EAST), DIST. THANE-401208 WHOSE PARTNERS ARE T MARWAHA, SUKIRAN KAUR	1111 ccc		
DATE OF REGISTRATION		19/05/2014	
TITLE		KEYS BOX	
PRIORITY NA		KL 15 BOX	
		KE13 BOX	
DESIGN NUMBER		263056	
DESIGN NUMBER CLASS			
CLASS 1)SAMSUNG ELECTRONIC	GTONG-GU, SU	263056 14-03 WON-SI, GYEONGGI-DO, 443-742,	
CLASS 1)SAMSUNG ELECTRONIC 129, SAMSUNG-RO, YEONG	GTONG-GU, SU	263056 14-03 WON-SI, GYEONGGI-DO, 443-742,	
CLASS 1)SAMSUNG ELECTRONIC 129, SAMSUNG-RO, YEONG REPUBLIC OF KOREA, A COM	GTONG-GU, SU	263056 14-03 WON-SI, GYEONGGI-DO, 443-742, UBLIC OF KOREA	
CLASS 1)SAMSUNG ELECTRONIC 129, SAMSUNG-RO, YEONG REPUBLIC OF KOREA, A COM DATE OF REGISTRATION	GTONG-GU, SU	263056 14-03 WON-SI, GYEONGGI-DO, 443-742, JBLIC OF KOREA 02/06/2014	
CLASS 1)SAMSUNG ELECTRONICATION 129, SAMSUNG-RO, YEONG REPUBLIC OF KOREA, A COM DATE OF REGISTRATION TITLE	GTONG-GU, SU	263056 14-03 WON-SI, GYEONGGI-DO, 443-742, JBLIC OF KOREA 02/06/2014	

DESIGN NUMBER		262951	
CLASS		09-03	
1)SUNIL HEMRAJ BHANDARI, I DEI GRATIA 102, H.K.M. PATH I MAHARASHTRA, INDIA			
DATE OF REGISTRATION	2	8/05/2014	
TITLE	(CARTON	
PRIORITY NA			
DESIGN NUMBER		256264	
CLASS		14-03	
1)SOCIÉTÉ BIC, ORGANIZED UI FRANCE, AND HAVING A PLACE 14 RUE JEANNE D'ASNIÈRES, F	OF BUSINESS AT		
DATE OF REGISTRATION	0	6/09/2013	
TITLE	COVER FOR PERSONAL ELECTRONIC DEVICE COVER WITH INTEGRATED FUEL CELL SYSTEM		
PRIORITY	-		
PRIORITY NUMBER	DATE	COUNTRY	
29/448,036	08/03/2013	U.S.A.	
DESIGN NUMBER		260971	
CLASS		13-03	-
1)ABB FRANCE, A COMPANY O OF 3 AVENUE DU CANADA, IM COURTABOEUF CEDEX, FRANCE			
DATE OF REGISTRATION	1-	4/03/2014	
TITLE	ELECTR	IC CONNECTOR	(2)
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	ELIA.
002 312 603-0001	19/09/2013	OHIM	

DESIGN NUMBER	257726	
CLASS	09-07	

1)(1). DHAVAL H. PATEL, (2). BHUMIKA D. PATEL, (3). PRAKASH P. VARMORA AND (4). KALPESH A. PATEL., ALL INDIAN NATIONAL DIRECTORS OF VARMORA PLASTECH PVT. LTD., A COMPANY INCORPORATED UNDER THE COMPANIES ACT, 1956., HAVING ITS PRINCIPLE PLACE OF BUSINESS AT, PLOT NO. 3, SURVEY/BLOCK NO. 86,

PO. VASNA CHACHARVADI, NR. DIVYA BHASKAR PRESS, BAVLA-CHANGODAR-AHMEDABAD HIGHWAY, TAL: SANAND, DIST: AHMEDABAD-382213. GUJARAT-INDIA

DDIODITY NA		
TITLE	CONTAINER LID	
DATE OF REGISTRATION	24/10/2013	



PRIORITY NA

DESIGN NUMBER	259660		
CLASS	16-06		
1)CARL ZEISS MEDITEC AG, A CORPORATION ORGANIZED AND EXISTING			

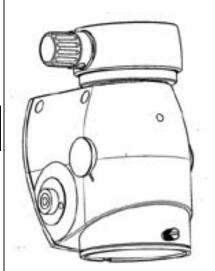
UNDER THE LAWS OF GERMANY,

OF GOESCHWITZER STRASSE 51-52, 07745 JENA, GERMANY

DATE OF REGISTRATION	24/01/2014	
TITLE	OPERATING MICROSCOPE	



ı	IMOMII		
	PRIORITY NUMBER	DATE	COUNTRY
	001379788-0003	06/08/2013	OHIM

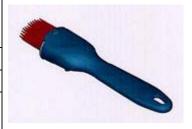


DESIGN NUMBER	260478
CLASS	07-99

1)DART INDUSTRIES INC., A CORPORATION FOUNDED UNDER THE LAWS OF DELAWARE, U.S.A.

OF 14901 SOUTH ORANGE BLOSSOM TRAIL, ORLANDO, FLORIDA 32837, USA

DATE OF REGISTRATION	19/02/2014		
TITLE COOKING BRUSH		BRUSH	
PRIORITY			
PRIORITY NUMBER	1	DATE	COUNTRY
29/466,024	(04/09/2013	U.S.A.



DESIGN NUMBER		258417	
CLASS		06-03	1000
1)KNOLL, INC., A DELAWARE OF 1235 WATER STREET, EAST STATES OF AMERICA	ГЕD		
DATE OF REGISTRATION	2	7/11/2013	
TITLE		TABLE	
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
29/456,622	31/05/2013	U.S.A.	
DESIGN NUMBER		260773	
CLASS		04-02	63
WHOSE PROPRIETOR IS MUKE ADDRESS DATE OF REGISTRATION TITLE	04	AN OF THE ABOVE 4/03/2014 CUM-TONGUE CLEANE	ER
PRIORITY NA			
DESIGN NUMBER		250631	
CLASS		12-08	
1)MAN TRUCK & BUS AG, A GE DACHAUER STR. 667, 80995 MU			
DATE OF REGISTRATION	03	3/01/2013	
TITLE	DRIVERS CAB C	OF A UTILITY VEHICLE	3
DDIODYNY	·		
PRIORITY			SI THE
PRIORITY PRIORITY NUMBER	DATE	COUNTRY	

DESIGN NUMBER	261784	
CLASS	12-11	0000
1)VINCI INDUSTRIAL MFG. CO. 43, BIPLABI ANUKUL CHANDRA	LTD., AN INDIAN COMPANY OF A STREET, KOLKATA-700072, INDIA	And the state of t
DATE OF REGISTRATION	16/04/2014	
TITLE	RICKSHAW	
PRIORITY NA		
DESIGN NUMBER	261175	
CLASS	15-03	-
1)STANDARD CORPORATION IN STANDARD CHOWK, BARNALA INCORPORATED UNDER THE COM		
DATE OF REGISTRATION	21/03/2014	The state of the s
TITLE	CUTTING BALER	
PRIORITY NA		
DESIGN NUMBER	257717	
CLASS	09-07	
VARMORA AND (4). KALPESH A. I DIRECTORS OF VARMORA PLAS' INCORPORATED UNDER THE CO PRINCIPLE PLACE OF BUSINESS PO. VASNA CHACHARVADI, NR	ΓΕCH PVT. LTD., A COMPANY	
DATE OF REGISTRATION	24/10/2013	
TITLE	CONTAINER LID	
PRIORITY NA		

DESIGN NUMBER		260526	
CLASS		09-01	
1)SAVERGLASS, A FRENCH CO 3 RUE DE LA GARE, 60960 FEU	OMPANY OF QUIERES, FRANCE		
DATE OF REGISTRATION	2	1/02/2014	
TITLE		BOTTLE	
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
002313817-0001	23/09/2013	OHIM	
DESIGN NUMBER		261230	
CLASS		23-01	
JERSEY, OF 4901 KESSLERSVILLE ROA STATES OF AMERICA			
DATE OF REGISTRATION		4/03/2014	12//
TITLE	PIPE COU	PLING SEGMENT	
PRIORITY	D 4 mg	COLINEDA	
PRIORITY NUMBER	DATE	COUNTRY	PRESENTAL GRAV
29/467,982	25/09/2013	U.S.A.	
DESIGN NUMBER		257927	
CLASS		09-08	
1)NEWGEN SPECIALTY PLAST G-24 & 25, SITE IV, UPSIDC, GR INDIA, AN INDIAN COMPANY			
DATE OF REGISTRATION	3	1/10/2013	
TITLE		LET USED FOR MATERIAL ANDLING	
PRIORITY NA			

DESIGN NUMBER	262653
CLASS	12-16

1)JC BAMFORD EXCAVATORS LIMITED, A BRITISH COMPANY, OF LAKESIDE WORKS, ROCESTER, UTTOXETER, STAFFORDSHIRE ST14 5JP, UNITED KINGDOM

DATE OF REGISTRATION 16/05/2014		2014	
TITLE		STEERING WHEEL FOR A VEHICLE	
PRIORITY			
PRIORITY NUMBER		DATE	COUNTRY
001402085		30/01/2014	OHIM



DESIGN NUMBER 262701

CLASS 03-01

1)ALKOSIGN DISPLAY SYSTEMS, AN INDIAN PARTNERSHIP FIRM

1)ALKOSIGN DISPLAY SYSTEMS, AN INDIAN PARTNERSHIP FIRM AT 801, 8TH FLOOR, EMBASSY CHAMBERS, 3RD ROAD, KHAR (WEST), MUMBAI: 400052 (INDIA): AS WELL AS: BLDG. NO. 04, SHEETAL SUPREME IND. COMPLEX, SURVEY NO. 75, H. NO. 02, WALIV, SATIVALI ROAD, VASAI (EAST), DIST. THANE-401208 (INDIA) INDIAN NATIONAL

WHOSE PARTNERS ARE TRILOCHAN SINGH MARWAHA, SANDEEP SINGH MARWAHA, SUKIRAN KAUR MARWAHA, ALL INDIAN OF ABOVE ADDRESS

DATE OF REGISTRATION	19/05/2014
TITLE	FIRST AID BOX

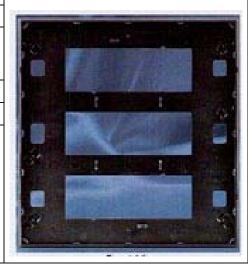


PRIORITY NA

DESIGN NUMBER	260084
CLASS	13-03

1)AJANTA PRIVATE LIMITED, AN INDIAN COMPANY OF ORPAT INDUSTRIAL ESTATE, RAJKOT-MORBI HIGHWAY, MORBI 363641, STATE OF GUJARAT, INDIA

DATE OF REGISTRATION	03/02/2014
TITLE	MODULE BOTTOM COVER FOR SWITCH



PRIORITY NA

DESIGN NUMBER		250667	
CLASS	12-16		
1)MAN TRUCK & BUS AG, A GEI DACHAUER STR. 667, 80995 MU		F	
DATE OF REGISTRATION	0:	3/01/2013	
TITLE	FRONT BUMPER	OF A UTILITY VEHICLE	
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
001335210	04/07/2012	OHIM	
DESIGN NUMBER		256350	
CLASS		11-01	- Comment of the Comm
1)CHRISTIAN DIOR COUTURE, A FRENCH PUBLIC LIMITED COMPANY OF 30 AVENUE MONTAIGNE, 75008 PARIS, FRANCE			
DATE OF REGISTRATION	10	0/09/2013	
TITLE	PENDANT WITH CHAIN		
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
725478701 11/03/2013 WIPO		WIPO	
DESIGN NUMBER	260972		
CLASS	13-03		117
1)ABB FRANCE, A COMPANY OF OF 3 AVENUE DU CANADA, IMI COURTABOEUF CEDEX, FRANCE			
DATE OF REGISTRATION	14/03/2014		
TITLE	ELECTRIC CONNECTOR		4
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	LLC F
002 312 603-0002	19/09/2013	OHIM	

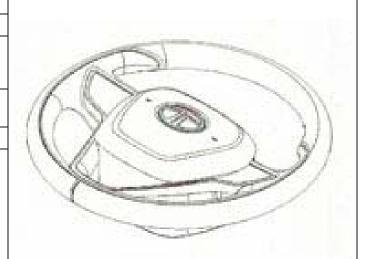
DESIGN NUMBER		258606	
CLASS	22-06		-
1)S.C. JOHNSON & SON, INC., A UNDER THE LAWS OF THE STAT AMERICA WHO ARE AMERICAN 1525 HOWE STREET, RACINE, V AMERICA	E OF WISCONSIN, U BY NATIONALITY A	NITED STATES OF AND WHOSE ADDRESS IS	
DATE OF REGISTRATION	06	5/12/2013	
TITLE		OLATILE PEST CONTROL AGENT	
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
29/458,183	17/06/2013	U.S.A.	
DESIGN NUMBER	261284		
CLASS		12-16	
1)TATA MOTORS LIMITED, AN BOMBAY HOUSE, 24 HOMI MO 400001, MAHARASHTRA, INDIA DATE OF REGISTRATION TITLE PRIORITY NA	27/03/2014 MOUNTING BRACKET FOR FRONT FOG LAMP OF A VEHICLE		
DESIGN NUMBER		260035	
CLASS	23-01		
1)BIOMAC MEDICARE SOLUTION COMPANY INCORPORATED UNITED STATES OFFICE AT THAVA KANNUR-670002 KERALA STATE REPRESENTED BY ITS MANAG SAHADEVAN, INDIAN, AGED ABO	DER COMPANIES AC KKARA COMPLEX, , INDIA, ING DIRECTOR MR. F	T, 1956 HAVING ITS THAVAKKARA, RAJEEV K.P., S/O. MR. K.P.	
DATE OF REGISTRATION	03/02/2014		
TITLE	WATER PURIFICATION APPARATUS		
PRIORITY NA			

DESIGN NUMBER		263843	
CLASS	07-02		
1)HAMILTON HOUSEWARES PV INCORPORATED UNDER THE CO OFFICE AT KAISER-I-HIND BLDG., 3RD FLO MUMBAI 400001, MAHARASHTRA,	MPANIES ACT 1956 OOR, CURRIMBHOY	, HAVING REGISTERED	
DATE OF REGISTRATION	0.	3/07/2014	
TITLE	CA	ASSEROLE	
PRIORITY NA			
DESIGN NUMBER		260859	
CLASS		13-03	
1)ABB FRANCE, A COMPANY OI OF 3 AVENUE DU CANADA, IMI COURTABOEUF CEDEX, FRANCE		,	1 2
DATE OF REGISTRATION	1	0/03/2014	
TITLE	TERMINAL BLOCK		7.
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	No Table
002 373 340-0004	19/12/2013	OHIM	
DESIGN NUMBER	DESIGN NUMBER 261798		
CLASS	08-07		
1)GODREJ & BOYCE MFG. CO. I LOCKS DIVISION (PLANT-18), P 400079, MAHARASHTRA, INDIA, IN	IROJSHANAGAR, VI	KHROLI, MUMBAI -	
DATE OF REGISTRATION	16/04/2014		
TITLE	LOCK		
PRIORITY NA			

DESIGN NUMBER	260038
CLASS	12-16

1)TATA MOTORS LIMITED, AN INDIAN COMPANY OF BOMBAY HOUSE, 24 HOMI MODY STREET, HUTATMA CHOWK, MUMBAI 400001, MAHARASHTRA, INDIA

DATE OF REGISTRATION	03/02/2014
TITLE	STEERING WHEEL OF VEHICLE



PRIORITY NA

DESIGN NUMBER	263966
CLASS	12-11

1)THAIKATTIL JOSE,

THAIKATTIL HOUSE, OLLUKARA P.O., THRISSUR, KERALA STATE, 680655, INDIA, AN INDIAN NATIONAL

DATE OF REGISTRATION	10/07/2014
TITLE	LUGGAGE CARRIER FOR A TWO WHEELED VEHICLE



PRIORITY NA

DESIGN NUMBER	250640		
CLASS	12-08		

1)MAN TRUCK & BUS AG, A GERMAN COMPANY OF DACHAUER STR. 667, 80995 MUNICH, GERMANY

DATE OF REGISTRATION	03/01/2013		
TITLE	DRIVERS CAB OF A UTILITY VEHICLE		



PRIORITY

- 1					
	PRIORITY NUMBER	DATE	COUNTRY		
	001335236	04/07/2012	OHIM		

DESIGN NUMBER		262872			
CLASS		31-00			
1)KENWOOD LIMITED, NEW LANE, HAVANT, HAMPS COMPANY	SHIRE,	PO9 2NH, ENGL	AND	, A BRITISH	
DATE OF REGISTRATION		2	3/05/	2014	
TITLE		В	LEN	DER	
PRIORITY	•				
PRIORITY NUMBER		DATE		COUNTRY	
002354639-0001		29/11/2013		OHIM	
DESIGN NUMBER			2618	889	
CLASS			09-0)1	
TERRITORIES) DAMAN, INDIA, INDIAN PARTNERSHIP FIRM, WHOSE PARTNERS ARE RUPA SACHDEV, MANASI SACHDEV & KISHOR MALIK, ALL INDIAN NATIONALS DATE OF REGISTRATION 21/04/2014					
TITLE		BOTTLE			
PRIORITY NA					
DESIGN NUMBER		261400			
CLASS		12-08			
1)VOLKSWAGEN AKTIENGESELLSCHAFT, A GERMAN COMPANY OF BRIEFFACH 1701/0, 38436 WOLFSBURG, GERMANY					
DATE OF REGISTRATION		31/03/2014			
TITLE		CAR			
PRIORITY					
PRIORITY NUMBER		DATE COUNTRY		COUNTRY	
40 2013 200 312.3		17/12/2013 GERMANY		GERMANY	

DESIGN NUMBER	261541			
CLASS	08-07			
1)GULMOHAR ENTEPRISES, 435 COMPLEX, DELHI-110035, INDIA. (AN INDIAN PROPRIETORSHIP F AN INDIAN NATIONAL OF THE ABO	TRM WHOSE PROPRI	,		
DATE OF REGISTRATION	04	/04/2014		
TITLE	BUCKLE	FOR LUGGAGE		
PRIORITY NA				
DESIGN NUMBER		261625		
CLASS		07-05		
1)RECKITT BENCKISER (BRAND 103-105 BATH ROAD, SLOUGH B				
DATE OF REGISTRATION	09	/04/2014		
TITLE	DEVICE FOR DELIVERING A WASHING AGENT			
PRIORITY				
PRIORITY NUMBER	DATE COUNTRY			
002335901-0001	30/10/2013 OHIM			
DESIGN NUMBER	259937			
CLASS	12-08			
1)TATA MOTORS LIMITED, AN INDIAN COMPANY OF BOMBAY HOUSE, 24 HOMI MODY STREET, HUTATMA CHOWK, MUMBAI 400001, MAHARASHTRA, INDIA				
DATE OF REGISTRATION	31/01/2014			
TITLE	UTILITY VEHICLE			
PRIORITY NA				

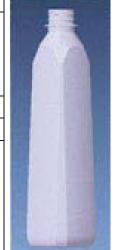
DESIGN NUMBER	260007	
CLASS	12-08	
1)TATA MOTORS LIMITED, AN I BOMBAY HOUSE, 24 HOMI MOD 400001, MAHARASHTRA, INDIA		
DATE OF REGISTRATION	DATE OF REGISTRATION 31/01/2014	
TITLE	CAR	***************************************
PRIORITY NA		
DESIGN NUMBER	258395	
CLASS	23-02	
1)ACRYSIL GMBH.; A COMPANY INDIA; ADDRESS AT, DARMSTADTER LANDSTRASSE		
DATE OF REGISTRATION	26/11/2013	
TITLE	WASH BASIN	
PRIORITY NA		
DESIGN NUMBER	263027	
CLASS 07-04		
COMPANIES ACT 1956 HAVING IT	A COMPANY REGISTERED UNDER THE S REGISTERED OFFICE AT S QUEENS ROAD, BANGALORE-560 001.	UU
DATE OF REGISTRATION 30/05/2014		
TITLE		
PRIORITY NA		

DESIGN NUMBER 260205
CLASS 09-01

1)PRAMIT SANGHAVI AND DEWANG SANGHAVI, PARTNERS TRADING AS V2 CORP., A PARTNERSHIP FIRM, INDIAN, MANUFACTURERS AND MERCHANTS,

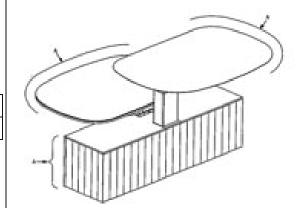
WHOSE ADDRESS IS WZ-8/1, INDUSTRIAL AREA, KIRTI NAGAR, NEW DELHI-110015, INDIA

DATE OF REGISTRATION	07/02/2014
TITLE	BOTTLE



PRIORITY NA

DESIGN NUMBER	256417	
CLASS	06-03	
1)HERMAN MILLER, INC., OF 855 EAST MAIN AVENUE, ZEELAND, MICHIGAN 49464, UNITED STATES OF AMERICA		
DATE OF REGISTRATION 13/09/2013		
TITLE	WORK DESK	



PRIORITY

DATE OF REGISTRATION

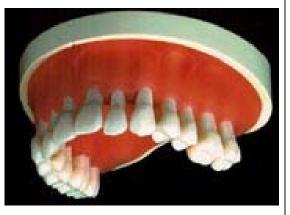
PRIORITY NUMBER	DATE	COUNTRY
29/449,948	15/03/2013	U.S.A.

DESIGN NUMBER	257552
CLASS	19-07

1)NISSIN DENTAL PRODUCTS INC., A COMPANY ORGANIZED AND EXISTING UNDER THE LAWS OF JAPAN, HAVING ITS OFFICE AT

8, KARAHASHIHIRAGAKI-CHO, MINAMI-KU, KYOTO-SHI, KYOTO 601-8469 JAPAN

Diffe of Registration	177.	10/2013
TITLE	MODEL FOR TEACHING TEETH (SET)	
PRIORITY		
PRIORITY NUMBER	DATE	COUNTRY
2013-008687	17/04/2013	JAPAN



17/10/2013

DESIGN NUMBER		259916	
CLASS	12-16		
1)TATA MOTORS LIMITED, AN BOMBAY HOUSE, 24 HOMI MOI 400001, MAHARASHTRA, INDIA			
DATE OF REGISTRATION	3	1/01/2014	
TITLE		DIFFUSER TRIM OF A ZEHICLE	The state of the s
PRIORITY NA			
DESIGN NUMBER		262431	
CLASS		04-02	0
1)COLGATE-PALMOLIVE COMI 300 PARK AVENUE, NEW YORK AMERICA			
DATE OF REGISTRATION	0	7/05/2014	0
TITLE	ELECTRIC TOOTHBRUSH HANDLE		
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
29/477,152	19/12/2013	U.S.A.	
DESIGN NUMBER		259805	
CLASS		09-07	T-Table
1)RECKITT BENCKISER LLC, A LIMITED LIABILITY COMPANY INCORPORATED IN THE STATE OF DELAWARE, U.S.A. OF MORRIS CORPORATE CENTER IV, 399 INTERPACE PARKWAY, PARSIPPANY, NEW JERSEY 07054, U.S.A.			
DATE OF REGISTRATION	29/01/2014		
TITLE	CAP FOR AEROSOL DISPENSER		
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
002283291-0001	30/07/2013 OHIM		

DESIGN NUMBER		258376	
CLASS	02-04		
1)RAJ KUMAR GROVER, SOLE P DISTRIBUTORS WHOSE ADDRESS S-12, SHIVAJI PARK MARKET, P INDIAN NATIONAL OF ABOVE ADI	S IS UNJABI BAGH, NEW		BA
DATE OF REGISTRATION	26	5/11/2013	
TITLE	TOE SP	READER SET	
PRIORITY NA			
DESIGN NUMBER		250652	
CLASS		21-01	
1)MAN TRUCK & BUS AG, A GER DACHAUER STR. 667, 80995 MUI		ह	A TAI
DATE OF REGISTRATION	03/01/2013		
TITLE	DRIVER'S CAB OF A TOY UTILITY VEHICLE		
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
001335236	04/07/2012	OHIM	
DESIGN NUMBER	<u> </u>	260921	
CLASS	07-02		
1)DART INDUSTRIES INC., A CORPORATION FOUNDED UNDER THE LAWS OF DELAWARE, U.S.A. OF 14901 SOUTH ORANGE BLOSSOM TRAIL, ORLANDO, FLORIDA 32837, USA			
DATE OF REGISTRATION	12/03/2014		1
TITLE	TONGS		
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	DEDCRECTIVE VIEW
29/467,932	25/09/2013	U.S.A.]

DESIGN NUMBER		262307		
CLASS		12-05		
1)HARRY H. ARZOUMAN, 26 MAINSAIL DRIVE, CORON STATES OF AMERICA, A CITIZEN				
DATE OF REGISTRATION		02/05	/2014	//
TITLE	POW	ER UNIT OF	LIFTING DEVICE	
PRIORITY				
PRIORITY NUMBER	DATE		COUNTRY	
29/463,386	04/11/2	013	U.S.A.	
DESIGN NUMBER		259	030	
CLASS		09-	01	18
1)SAVERGLASS 3 RUE DE LA GARE, 60960 FE	JQUIERES, FR	ANCE		
DATE OF REGISTRATION		27/12/2013		
TITLE		BOTTLE		
PRIORITY				
PRIORITY NUMBER	DATE	DATE COUNTRY		
002275149-0001	16/07/2	16/07/2013 OHIM		
DESIGN NUMBER		260410		
CLASS		25-01		
1)RITTAL GMBH & CO. KG. AUF DEM STÜTZELBERG, 357 INCORPORATED UNDER THE LA			(A COMPANY	
DATE OF REGISTRATION		17/02/2014		
TITLE	META	METAL PROFILE FOR SWITCHGEAR CABINETS		
PRIORITY				
PRIORITY NUMBER	DATE	DATE COUNTRY		
002294132	20/08/2013	0/08/2013 EUROPEAN UNION		

DESIGN NUMBER	263006
CLASS	23-03

1)FERROLI HEATING (SOUTH ASIA) PVT. LTD., (A COMPANY ORGANIZED AND EXISTING UNDER THE INDIAN COMPANIES ACT, 1956) OF THE ADDRESS

TARGET ASSOCIATES PRIVATE LTD, 148, EPIP 2ND PHASE, PRESTIGE FEATHERLITE TECHPARK, WHITEFIELD, BANGALORE, KARNATAKA-560066, INDIA

DATE OF REGISTRATION	30/05/2014
TITLE	ELECTRIC WATER HEATER
PRIORITY NA	



DEGLES LAND

DESIGN NUMBER	263873
CLASS	07-02

1)KUBER CHAMPALALJI BAMBOLI 3/404, RISHABH MANSION, JAWAHAR NAGAR,

S. V. ROAD, GOREGAON (W), MUMBAI-400062. INDIAN NATIONAL STATE OF MAHARASHTRA INDIA, AN INDIAN OF THE ABOVE ADDRESS

DATE OF REGISTRATION	04/07/2014
TITLE	CASSEROLE

PRIORITY NA



DESIGN NUMBER	260825
CLASS	06-13

1)FEM EXPORTS., (AN INDIAN SOLE PROPRIETORSHIP CONCERN), HAVING OFFICE AT 89/90, LEVEL 1, DEWAN CENTRE, 186, S. V. ROAD, JOGESHWARI (WEST), MUMBAI-400102. MAHARASHTRA, INDIA

WHOSE PROPRIETOR IS ISHAK EBRAHIM BAMBOOWALA. (INDIAN NATIONAL) OF ABOVE ADDRESS

DATE OF REGISTRATION	07/03/2014	
TITLE	TOWEL	
PRIORITY NA		



DESIGN NUMBER	250	0645	
CLASS	12-08		
1)MAN TRUCK & BUS AG, A GERMAN COMPANY OF DACHAUER STR. 667, 80995 MUNICH, GERMANY			
DATE OF REGISTRATION	03/0	1/2013	
TITLE	DRIVERS CAB OF	A UTILITY VEHICLE	
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
001335236	04/07/2012	OHIM	
DESIGN NUMBER	250	0679	
CLASS	12	2-16	
1)MAN TRUCK & BUS AG, A GEI DACHAUER STR. 667, 80995 MU			
DATE OF REGISTRATION	03/0	1/2013	
TITLE	FRONT GRILL OF A UTILITY VEHICLE		
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
001335210	04/07/2012	OHIM	
DESIGN NUMBER	250	6374	
CLASS	23	3-01	
1)FLEXITUFF INTERNATIONAL LIMITED, A COMPANY INCORPORATED UNDER THE INDIAN COMPANIES ACT, AT PIPALGAON ROAD, NEAR IDGAH, VILLAGE-MAHUAKHERAGANJ, TEHSIL-KASHIPUR-244713, DIST. UDHAMSINGH NAGAR, UTTARAKHAND, INDIA.			18 18 18 18 18 18 18 18 18 18 18 18 18 1
DATE OF REGISTRATION	11/09/2013		
TITLE	DRIPPER FOR WATERING AGRICULTURAL LAND		- auc W
PRIORITY NA			
			•

DESIGN NUMBER		262296	
CLASS	12-16		
1)FORD GLOBAL TECHNOLOGI EXISTING UNDER THE LAWS OF 330 TOWN CENTER DRIVE, SUIT STATES OF AMERICA	UNITED STATES, H	AVING ITS OFFICE A	AT
DATE OF REGISTRATION	0	2/05/2014	
TITLE	VEHICLE	LOWER GRILLE	
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
3020130056783	06/11/2013	BRAZIL	
DESIGN NUMBER		258940	
CLASS		09-09	
SUITE 'A', LAKE VIEW FARM, V 560066, KARNATAKA, INDIA DATE OF REGISTRATION TITLE PRIORITY NA	23/12/2013 COMPOST RECYCLE BIN		ORE-
DESIGN NUMBER		261501	
CLASS	14-01		
UNDER THE LAWS OF THE KING EINDHOVEN, WHOSE POST-OFFI HIGH TECH CAMPUS 5, 5656 AE DATE OF REGISTRATION TITLE	A COMPANY ORGANIZED AND EXISTING GDOM OF THE NETHERLANDS, RESIDING AT ICE ADDRESS IS E EINDHOVEN, THE NETHERLANDS 03/04/2014 AUTOMOTIVE DRIVING RECORDER		G AT
PRIORITY NUMBER	DATE	COUNTRY	
002333708-0001	25/10/2013	OHIM	

DESIGN NUMBER		260056	
CLASS		13-03	
1)AJANTA PRIVATE LIMITED, A ORPAT INDUSTRIAL ESTATE, R STATE OF GUJARAT, INDIA			
DATE OF REGISTRATION	03/02/2014		
TITLE	MODULE C	ASE FOR SWITCH	9
PRIORITY NA			Problem .
DESIGN NUMBER		258274	
CLASS		10-02	
1)FOLLI-FOLLIE COMMERCIAL SOCIETE ANONYME, 23RD KM. ATHENS-LAMIA HIGH NATIONALITY-GREECE	HWAY, ATHENS, 145	65, GREECE,	
DATE OF REGISTRATION		1/11/2013	
TITLE	WA	ГСН CASE	
PRIORITY		T	
PRIORITY NUMBER	DATE	COUNTRY	
002293357	19/08/2013	OHIM	
DESIGN NUMBER		260573	
CLASS	11-01		
1)CORE JEWELLERY PRIVATE I COMPANY REGISTERED UNDER GJ-4, SDF-VII, SEEPZ, M.I.D.C., A MAHARASHTRA, INDIA	THE INDIAN COMP	ANIES ACT, 1956), OF	
DATE OF REGISTRATION	24/02/2014		AF AF
TITLE	DIAMOND		
PRIORITY NA			

DESIGN NUMBER			260675	
CLASS			15-07	V
1)PANASONIC CORPORATIO EXISTING UNDER THE LAWS OF 1006, OAZA KADOMA, KA	OF JAPAN,			
DATE OF REGISTRATION		28/02/2014		
TITLE		REF	RIGERATOR	
PRIORITY				
PRIORITY NUMBER	DATE		COUNTRY	
3-2013-01776	08/11/2	2013	VIETNAM	
DESIGN NUMBER			262873	
CLASS			23-04	
1)LG ELECTRONICS INC. 128 YEOUI-DAERO, YEONGI KOREA A CORPORATION INCO OF KOREA				IC
DATE OF REGISTRATION		2	23/05/2014	_
TITLE	WALL	MOUN1	TED AIRCONDITIONER	
	DATE 19/12/2013	COUN' REPUE	BLIC OF KOREA	
DESIGN NUMBER			261110	
CLASS		31-00		
1)KONINKLIJKE PHILIPS N.V UNDER THE LAWS OF THE KI EINDHOVEN, WHOSE POST-O HIGH TECH CAMPUS 5, 5656	NGDOM OF TI FFICE ADDRE	HE NETI SS IS EN, THE I	HERLANDS, RESIDING A	T
DATE OF REGISTRATION		19/03/2014		11111
TITLE	PUSHER FOR BLENDER			
PRIORITY PRIORITY NUMBER 002327684-0002	DATE 16/10/2	DATE COUNTRY 16/10/2013 OHIM		

DESIGN NUMBER	258591		
CLASS	24-01		- n
1)DEPUY (IRELAND), OF LOUGHBEG INDUSTRIAL ES	ГАТЕ, RINGASKIDD	Y, CO CORK, IRELAND	
DATE OF REGISTRATION	00	5/12/2013	A SONO
TITLE	FEMORAL	CUTTING BLOCK	10 g/s/
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
29/457,162	07/06/2013	U.S.A.	
DESIGN NUMBER		262283	
CLASS		07-03	
1)MA DESIGN INDIA PRIVATE L INDIA HAVING ITS PRINCIPAL PI A-41, SECTOR-80, PHASE-II, NOI	ACE OF BUSINESS	AT	
DATE OF REGISTRATION	02/05/2014		
TITLE	SERVING SPOON		
PRIORITY NA			
DESIGN NUMBER	262331		
CLASS	09-01		
1)PRAMIT SANGHAVI AND DEW V2 CORP., A PARTNERSHIP FIRM, MERCHANTS, WHOSE ADDRESS I WZ-8/1, INDUSTRIAL AREA, KIR	INDIAN, MANUFA S	CTURERS AND	
DATE OF REGISTRATION	05/05/2014		
TITLE	BOTTLE		
PRIORITY NA			

DESIGN NUMBER	261861	
CLASS	ASS 06-01	
BUSINESS IN THE FIRM NAME AN REGISTERED PARTNERSHIP FIRE	E NO. 6, SAKI VIHAR ROAD, ANDHERI (EAST),	
DATE OF REGISTRATION	21/04/2014	
TITLE	CHAIR	4 4
PRIORITY NA		
DESIGN NUMBER	258913	
CLASS	07-02	
	CIPAL PLACE OF BUSINESS UJJAL CIRCLE, OPP. JAIPUR GOLDEN AD-382210-GUJARAT-INDIA, INDIAN BY	
DATE OF REGISTRATION	20/12/2013	
TITLE	GAS STOVE	
PRIORITY NA		
DESIGN NUMBER	262609	
CLASS	10-04	
1)KHAJA ADENI, INDIAN NATIO 25, MODEL SCHOOL ROAD, THO TAMILNADU, INDIA	NAL, HAVING ADDRESS AT DUSAND LIGHTS, CHENNAI 600006,	
DATE OF REGISTRATION	15/05/2014	
TITLE	REFRIGERATING MANIFOLD	
PRIORITY NA		

DESIGN NUMBER		260096	
CLASS	12-16		
1)TATA MOTORS LIMITED, AN I BOMBAY HOUSE, 24 HOMI MOD 400001, MAHARASHTRA, INDIA			
DATE OF REGISTRATION	03	3/02/2014	93
TITLE	DRIVER'S C	AB OF A VEHICLE	
PRIORITY NA			
DESIGN NUMBER		254516	
CLASS		24-04	and the state of t
1)MCNEIL-PPC, INC., A CORPOR OF 199 GRANDVIEW ROAD, SKI			
DATE OF REGISTRATION	14	4/06/2013	W 3/
TITLE	SANITARY ABSORBENT ARTICLE		
PRIORITY			T A
PRIORITY NUMBER	DATE	COUNTRY	
29/439,877	17/12/2013	U.S.A.	
DESIGN NUMBER		260595	
CLASS		08-07	
1)CHANDAN JAIN, AN INDIAN N. 6A, SESSION MARG, NEAR SAM HARYANA, INDIA			
DATE OF REGISTRATION	25/02/2014		
TITLE	DOOR CLOSER		
PRIORITY NA			

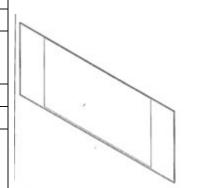
DESIGN NUMBER	258311
CLASS	14-03

1)SAMSUNG ELECTRONICS CO., LTD., A KOREAN COMPANY, OF

129, SAMSUNG-RO, YEONGTONG-GU, SUWON-SI, GYEONGGI-DO, 443-742M

REPUBLIC OF KOREA

DATE OF REGISTRATION	22/11/2013
TITLE	TELEVISION UNIT



PRIORITY NA

DESIGN NUMBER	258720	
CLASS	09-05	
1)MEADWESTVACO CORPORATION,		

OF 501 SOUTH 5TH STREET, RICHMOND, VIRGINIA 23219, USA

DATE OF REGISTRATION	13/12/2013
TITLE	POUCH FOR DISPENSING LIQUID
IIILE	SUBSTANCE



PRIORITY NUMBER	DATE	COUNTRY
29/457,906	13/06/2013	U.S.A.



DESIGN NUMBER	250682
CLASS	12-16
1)MAN TRUCK & BUS AG, A GERMAN COMPANY OF DACHAUER STR. 667, 80995 MUNICH, GERMANY	
DATE OF REGISTRATION	03/01/2013

FRONT BUMPER OF A UTILITY VEHICLE	DATE OF REGISTRATION	03/01/2013
	TITLE	

PRIORITY

ı	PRIORITI		
	PRIORITY NUMBER	DATE	COUNTRY
١	001335210	04/07/2012	OHIM



DESIGN NUMBER		260976	
CLASS		13-03	
1)ABB FRANCE, A COMPANY OF OF 3 AVENUE DU CANADA, IMI COURTABOEUF CEDEX, FRANCE			
DATE OF REGISTRATION	1	4/03/2014	
TITLE	ELECTR	IC CONNECTOR	
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	- PA
002 312 603-0006	19/09/2013	OHIM	《新教》,《新教》,《新教》
DESIGN NUMBER		262205	
CLASS		05-05	计图 200 计图 20
RELIABLE HOUSE, SITUATED A KANJURMARG (WEST), OPP. HUMA INDIA		· · · · · · · · · · · · · · · · · · ·	
DATE OF REGISTRATION	_	1/05/2014	
TITLE	TEXT	TILE FABRIC	E Trans & Town
PRIORITY NA			
DESIGN NUMBER		258980	
CLASS		12-16	
1)MINDA INDUSTRIES LIMITED VILL. NAWADA FATEPUR, P.O. GURGAON, HARYANA-122004, IND	SIKANDERPUR BAD		66
,			
DATE OF REGISTRATION	I	4/12/2013	
<u> </u>	2	4/12/2013 TCH FOR VEHICLE	

DESIGN NUMBER		261583	
CLASS		06-10	No. 10 Control of the
1)(1) ROHITBHAI J. HARSODA INDIAN NATIONAL PARTNERS PARTNERSHIP FIRM., HAVING SHRI HARI INDUSTRIAL MAIN RAJKOT, GUJARAT-INDIA	OF M/S. BARAK STEE ITS PRINCIPAL PLAC	L., AN INDIAN E OF BUSINESS AT,	
DATE OF REGISTRATION	80	3/04/2014	
TITLE	CURT	TAIN BLIND	all b
PRIORITY NA			
DESIGN NUMBER		259597	
CLASS		06-04	PROGRAMMENT SERVICES AND THE SERVICES AN
1)PAUL HETTICH GMBH & CO OF VAHRENKAMPSTRASTRAS		ILENGERN, GERMANY	
DATE OF REGISTRATION	23	3/01/2014	
TITLE	FURNITURE RACK		
PRIORITY	•		
PRIORITY NUMBER	DATE	COUNTRY	Tall the same of t
002282160-0010	26/07/2013	OHIM	
DESIGN NUMBER		226473	
CLASS		15-99	
1)M/S ZODIAC ENGG. EORKS, KRISHNA NAGAR CIRCULAR	ROAD, BATALA-14350	5 (PUNJAB) INDIA	
DATE OF REGISTRATION	29	0/12/2009	
TITLE	AIR LOCK VALVE		
PRIORITY NA			

DESIGN NUMBER		262468	
CLASS		13-03	
1)MOTIF CAPACITORS PVT. ESTATE, BADLI, DELHI-110042 (AN INDIAN COMPANY DUL 1956)	, INDIA	SE-III, DSIDC INDUSTRIAL UNDER THE COMPANIES ACT,	
DATE OF REGISTRATION		08/05/2014	
TITLE		BUTTON SWITCH	
PRIORITY NA			
DESIGN NUMBER		259764	
CLASS		09-02	
1)PRABH DAYAL OM PARKA ENTITY HAVING ITS PRINCIPA 2880, SIRKIWALAN, HAUZ Q DATE OF REGISTRATION TITLE	AL PLACE OF B	USINESS AT	
PRIORITY NA			
DESIGN NUMBER		260411	
CLASS		25-01	
1)RITTAL GMBH & CO. KG. AUF DEM STÜTZELBERG, 35 INCORPORATED UNDER THE LA			
DATE OF REGISTRATION		17/02/2014	
TITLE	METAL	PROFILE FOR SWITCHGEAR CABINETS	
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
002294132	20/08/2013	EUROPEAN UNION	

DESIGN NUMBER	258299
CLASS	15-09

1)RELO-BG LTD. (A PRIVATE LIMITED COMPANY ORGANIZED AND EXISTING UNDER THE LAWS OF BULGARIA), HAVING ITS REGISTERED OFFICE AT:

1, OBORISHTE STREET, ENTR. A, AP. 17 1504 SOFIA, BULGARIA

DATE OF REGISTRATION	22/11/2013
TITLE	CRUSHING PARTICLE FOR GRINDING MACHINE



- 1			
	PRIORITY NUMBER	DATE	COUNTRY
	DM/080 963	23/05/2013	BULGARIA

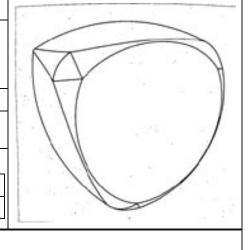
DESIGN NUMBER	258691
CLASS	13-02



PLOT NO. WZ-1401/2, NANGAL RAYA, NEW DELHI-110046, INDIA, AN INDIAN COMPANY

DATE OF REGISTRATION	11/12/2013		
TITLE	SOLAR UPS (UNINTERRUPTED POWER SUPPLY)		

250646





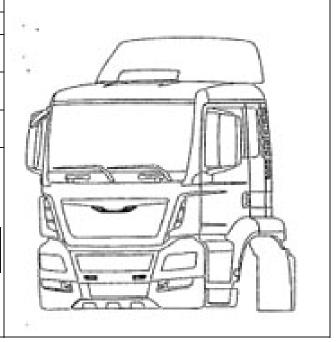
PRIORITY NA

DESIGN NUMBER

CLASS	12-08		
1)MAN TRUCK & BUS AG, A GERMAN COMPANY OF DACHAUER STR. 667, 80995 MUNICH, GERMANY			
DATE OF REGISTRATION	03/01/2013		
TITLE	DRIVERS CAB OF A UTILITY VEHICLE		

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
001335236	04/07/2012	OHIM



DESIGN NUMBER	250681		
CLASS		12-16	
1)MAN TRUCK & BUS AG, A GEI DACHAUER STR. 667, 80995 MU			
DATE OF REGISTRATION	0	3/01/2013	
TITLE	FRONT BUMPER	OF A UTILITY VEHICLE	
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
001335210	04/07/2012	OHIM	
DESIGN NUMBER		256375	
CLASS		23-01	
1)FLEXITUFF INTERNATIONAL LIMITED, A COMPANY INCORPORATED UNDER THE INDIAN COMPANIES ACT, AT PIPALGAON ROAD, NEAR IDGAH, VILLAGE-MAHUAKHERAGANJ, TEHSIL-KASHIPUR-244713, DIST. UDHAMSINGH NAGAR, UTTARAKHAND, INDIA.			
DATE OF REGISTRATION	11/09/2013		
TITLE	DRIPPER FOR WATERING AGRICULTURAL LAND		
PRIORITY NA			
DESIGN NUMBER	260975		
CLASS		13-03	The state of the s
1)ABB FRANCE, A COMPANY OF OF 3 AVENUE DU CANADA, IMI COURTABOEUF CEDEX, FRANCE			The state of the s
DATE OF REGISTRATION	14/03/2014		
TITLE	ELECTRIC CONNECTOR		In 1.1 1
PRIORITY			
PRIORITY NUMBER	DATE COUNTRY		
002 312 603-0005	19/09/2013 OHIM		

DESIGN NUMBER	:	262204		
CLASS		05-05	* * * * * * * * * * * * * * * * * * * *	
1)M/S. BIBA APPARELS PRIVATE COMPANY INCORPORATED UND ACT, 1956, AND HAVING ITS'S RE RELIABLE HOUSE, SITUATED A KANJURMARG (WEST), OPP. HUMA INDIA	ER THE PROVISION GISTERED OFFICE A T HANUMAN SILK N	OF THE COMPANIES AT MILL COMPOUND,		
DATE OF REGISTRATION	01	/05/2014	~~~~~~~~~~~	
TITLE	TEXT	ILE FABRIC		
PRIORITY NA				
DESIGN NUMBER	!	262297		
CLASS		12-16		
1)FORD GLOBAL TECHNOLOGI EXISTING UNDER THE LAWS OF 330 TOWN CENTER DRIVE, SUIT STATES OF AMERICA				
DATE OF REGISTRATION		2/05/2014		
TITLE	VEHICLE UPPER GRILLE			
PRIORITY	D A TEL	COLDUEDA	ا ا	
PRIORITY NUMBER	DATE	COUNTRY		
3020130056651	06/11/2013	BRAZIL		
DESIGN NUMBER		258969		
CLASS		13-99		
1)DOW GLOBAL TECHNOLOGII EXISTING UNDER THE LAWS OF AN OFFICE AND PLACE OF BUSIN 2040 DOW CENTER, MIDLAND, AMERICA				
DATE OF REGISTRATION	24/12/2013			
TITLE	PHOTOVOLTAIC	C MODULE ASSEMBLY		
PRIORITY		T	100	
PRIORITY NUMBER	DATE COUNTRY		4	
201330291835.3	28/06/2013	CHINA		