# पेटेंट कार्यालय शासकीय जर्नल

# OFFICIAL JOURNAL OF THE PATENT OFFICE

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## **पेटेंट कार्यालय का एक प्रकाशन** PUBLICATION OF THE PATENT OFFICE

## **INTRODUCTION**

In view of the recent amendment made in the Patents Act, 1970 by the Patents (Amendment) Act, 2005 effective from 01<sup>st</sup> 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

9<sup>th</sup> JANUARY, 2015

## **CONTENTS**

SUBJECT		PAGE NUMBER
JURISDICTION	:	19932 – 19933
SPECIAL NOTICE	:	19934 – 19935
EARLY PUBLICATION (MUMBAI)	:	19936 - 19960
EARLY PUBLICATION (CHENNAI)	:	19961 – 19997
PUBLICATION AFTER 18 MONTHS (DELHI)		19998 - 20420
PUBLICATION AFTER 18 MONTHS (MUMBAI)	:	20421 – 20519
PUBLICATION AFTER 18 MONTHS (CHENNAI)	:	20520 - 20811
PUBLICATION AFTER 18 MONTHS (KOLKATA)	:	20812 - 20820
AMENDMENT UNDER SEC.57 (KOLKATA )	:	20821
PUBLICATION U/R 84(3) IN RESPECT OF APPLICATION FOR RESTORATION OF PATENT (KOLKATA)	:	20822
APPLICATION FOR RESTORATION OF PATENT U/r.84 (KOLKATA)	:	20823
PUBLICATION UNDER SECTION 43(2) IN RESPECT OF THE GRANT (DELHI)	:	20824 - 20827
PUBLICATION UNDER SECTION 43(2) IN RESPECT OF THE GRANT (MUMBAI)	:	20828
PUBLICATION UNDER SECTION 43(2) IN RESPECT OF THE GRANT (CHENNAI)	:	20829 - 20830
PUBLICATION UNDER SECTION 43(2) IN RESPECT OF THE GRANT (KOLKATA)	:	20831 - 20832
INTRODUCTION TO DESIGN PUBLICATION	:	20833
THE DESIGNS ACT 2000 SECTION 30 DESIGN ASSIGNMENT	:	20834
CANCELLATION PROCEEDINGS UNDER SECTION 19 OF THE DESIGNS ACT, 2000	:	20835
COPYRIGHT PUBLICATION	:	20836
<b>REGISTRATION OF DESIGNS</b>	:	20837 - 20894

## THE PATENT OFFICE

## KOLKATA, 09/01/2015

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3	The Patent Office, Government of India, Boudhik Sampada Bhavan, Plot No. 32., Sector-14, Dwarka, New Delhi – 110075 Phone: (91)(11) 2808 1921 – 25 Fax: (91)(11) 2808 1920 & 2808 1940 E.mail: <u>delhi-patent@nic.in</u> ★ The States of Haryana, Himachal Pradesh, Jammu and Kashmir, Punjab, Rajasthan, Uttar Pradesh, Uttaranchal, Delhi and the Union Territory of Chandigarh.		✤ Rest of India
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### कोलकाता, दिनांक 09/01/2015

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	एस. एम. रोड, एंटोप हिल, मुम्बई- 400 037, भारत,		एडजसेन्ट टु ईगल फ्लास्क, जी. एस. टी. रोड, गायन्डी
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			ई. मेल: chennai-patent@nic.in
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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,
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	फ़ैक्स: (91) (22) 24130387		फोन: (91)(33) 2367 1943/44/45/46/87
	ई. मेल: Mumbai-patent@nic.in		फ़ैक्स:/Fax: (91)(33) 2367 1988
	🔹 गुजरात, महाराष्ट्र, मध्य प्रदेश, गोवा तथा छत्तीसगढ़		ई. मेल: kolkata-patent@nic.in
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3	पेटेंट कार्यालय, भारत सरकार		
	बौद्धिक संपदा भवन,		
	प्लॉट सं. 32, सेक्टर- 14, द्वारका, नई दिल्ली- 110 075.		
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	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।

The Patent Office Journal 09/01/2015

## **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.

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### (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 18<sup>th</sup> 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.

### **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.1538/MUM/2014 A

(19) INDIA

(22) Date of filing of Application :02/05/2014

(43) Publication Date : 09/01/2015

#### (54) Title of the invention : PACKING MATERIAL FOR LIQUID-LIQUID EXTRACTION

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:B01D 11/04,B65D 81/00 :NA :NA :NA :NA :NA :NA :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant : <ol> <li>Shriram Shaligram SONAWANE</li> <li>Address of Applicant :Visvesvaraya National Institute of</li> <li>Technology, South Ambazari Road, Nagpur - 440010,</li> </ol> </li> <li>Maharashtra, India <ol> <li>Rahul Narendra SHARMA</li> </ol> </li> <li>(72)Name of Inventor : <ol> <li>Shriram Shaligram SONAWANE</li> <li>Rahul Narendra SHARMA</li> </ol> </li> </ul>
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(57) Abstract :

Disclosed is a process for liquid-liquid extraction using two or more liquids. The process comprises supplying of a first mixture and a second mixture to an extraction column. The first mixture comprises a first liquid, first nanoparticle material, and solute, and the second mixture comprises second liquid and second nanoparticle material. The first liquid is in aqueous phase and the second liquid is in organic phase. The first nanoparticle material is Montmorillonite Clay and the second mixture in the extraction column. The interaction of the first mixture is interacted with the second mixture in the extraction column. The interaction of the first mixture enables an enhanced transfer of a mass of the solute from the first mixture to the second liquid. The enhanced transfer of the mass of the solute is achieved by presence of the first nanoparticle material and the second nanoparticle material.

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

(22) Date of filing of Application :29/12/2014

# (54) Title of the invention : A COMPUTATIONAL FLUID DYNAMIC (CFD) & THERMAL ANALYSIS TO ESTIMATE THE VARIATION OF COCKPIT SKIN TEMPERATURE AT X, Y & Z POSITIONS AT VARIABLE SPEED AND ANGLE OF ATTACK OF AIRCRAFT AND GENERATION OF GOVERNING EQUATIONS OF 2ND ORDER POLYNOMIAL.

(51) International classification	:G01M99/00,G06F17/50	(71)Name of Applicant :
(31) Priority Document No	:NA	1)AIRCRAFT UPGRADE RESEARCH & DESIGN
(32) Priority Date	:NA	CENTRE (AURDC), HINDUSTAN AERONAUTICS
(33) Name of priority country	:NA	LIMITED, NASIK DIVISION
(86) International Application No	:NA	Address of Applicant :HINDUSTAN AERONAUTICS
Filing Date	:NA	LIMITED, NASIK DIVISION, OJHAR TOWNSHIP POST
(87) International Publication No	: NA	OFFICE, OJHAR (MIG), NASIK-422207 Maharashtra, India
(61) Patent of Addition to Application	:NA	(72)Name of Inventor :
Number	:NA	1)PARESH
Filing Date	.11A	2)AJAY SINGH RAGHUWANSHI
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract :

This invention discusses a simplified approach for estimation of skin temperature of aircraft at various flight conditions using Computational Fluid Dynamics to aid precise estimation of Cockpit Heat Load. Major heat load generated inside the cockpit is due to skin friction of air at high speeds. Hence, estimation of the stagnation temperature on aircraft skin is important. Accurate estimation of heat loads will enable optimum designing of Air Conditioning System with minimal weight and fuel penalty to improve endurance of aircraft. This research gives methodology for calculation of skin temperature by carrying out 3D modeling of cockpit in CATIA-V5, tetrahedral meshing and simulation in FLUENT R 14 at various Angle of Attack (AoA), aircraft speed and ambient temperatures using FLUENT R14 work bench. The solver results are validated by comparing experimental results of Robinson and Hannemanns standard force reference model HB-2. This research has successfully generated variation of skin temperature at X, Y & Z positions on external surface of cockpit at variable speed and angle of attack of aircraft along with governing equations of 2nd order polynomial. These governing equations will help the user to estimate skin temperature without re-running simulation jobs in Fluent. The results of detailed Fluent analysis show that skin temperature under transient conditions at various angle of attack remains 0.9472 times the theoretical stagnation temperature with viscous heat dissipation

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

(19) INDIA

(22) Date of filing of Application :29/12/2014

(43) Publication Date : 09/01/2015

#### (54) Title of the invention : UPGRADATION OF COMPARTMENT COOLING SYSTEM OF NAVAL AIRCRAFT.

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> </ul>	:B64D13/06, B64D13/00 :NA :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)AIRCRAFT UPGRADE RESEARCH &amp; DESIGN</li> <li>CENTRE (AURDC), HINDUSTAN AERONAUTICS</li> <li>LIMITED, NASIK DIVISION</li> <li>Address of Applicant :HINDUSTAN AERONAUTICS</li> <li>LIMITED, NASIK DIVISION, OJHAR TOWNSHIP POST</li> <li>OFFICE, OJHAR (MIG), NASIK-422207 Maharashtra, India</li> </ul>
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number Filing Date	:NA :NA	1)AMIT KUMAR SONI 2)PARESH GUPTA
<ul><li>(62) Divisional to Application Number</li><li>Filing Date</li></ul>	:NA :NA :NA	3)R P KHAPLI

#### (57) Abstract :

The subject aircraft is a maritime reconnaissance and anti-submarine warfare role capable aircraft of the Indian Navy. In order to perform these roles aircraft is fitted with Sea Dragon suite having various sensors and avionic equipments. These units are cooled by onboard air-conditioning system. A number of cases were reported as the Sea Dragon suite failed to perform to the expectations at lower altitude (up to 3Km). It has been assess that it could be due to improper cooling to RADAR and avionics units. Indian Navy approached AURDC, HAL Nasik to undertake feasibility study & remedial measures for improving Air Conditioning System of naval aircraft. After detail study AURDC, HAL Nasik evolved & suggests three solution out of which based on minimum cost, time better output upgraded of existing compartment cooling system, redesigning of compartment of Sea Dragon suite & provision for reduction in total heat coming in compartment from outside. The modification was successfully carried out on two aircraft. The ground & flight evaluation trials have successfully validated the effectiveness of modification.

No. of Pages : 9 No. of Claims : 1

(22) Date of filing of Application :30/12/2014

#### (43) Publication Date : 09/01/2015

# (54) Title of the invention : METHOD FOR MUSIC BASED COMPUTING OF HUMAN EMOTIONS AND EVALUATING THE RAGA OF INDIAN CLASSICAL MUSIC FOR STRESS RELEASE AND EMOTION CONTROL

(51) International classification	:A61M 21/00, A61B5/00	
(31) Priority Document No	:NA	OFFICE, AMRAVATI 444605 Maharashtra India
(32) Priority Date	:NA	2)DR. VILAS M. THAKARE
(33) Name of priority country	:NA	3)DR. PRADEEP K. BUTEY
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)RAM K. NAWASALKAR
(87) International Publication No	: NA	2)DR. VILAS M. THAKARE
(61) Patent of Addition to Application Number	:NA	3)DR. PRADEEP K. BUTEY
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract :

This invention will provide a way to music based computing for emotion control and stress computing. The present invention provides system and method to show the impact of North Indian Classical Music. Release the stress from human body by listening the North Indian Classical Music. North Indian Classical Music is a collection of Ragas, and These Ragas belongs to Jaipur Style. More particularly the present invention may provide a feeling based music on mobile device platform. The platform is provided, by using a smart phone, implement a system and methods for training a human subject so as to enhance his/ her intelligence, reduce stress and brain functioning. The present invention provides benefits for stressed persons by listening a classical music. For emotion recognition physiological signal like ECG is used.

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

(19) INDIA

(22) Date of filing of Application :30/12/2014

(43) Publication Date : 09/01/2015

#### (54) Title of the invention : TRANSFORMATION OF CONTRACTUAL FREE TEXT DISCOUNT

	60(020/0(	
(51) International classification	:G06Q30/06, G06Q10/10	(71)Name of Applicant : 1)ZYCUS INFOTECH PVT. LTD.
(21) Drigrity Decument No	:NA	Address of Applicant :GJ-07, SEEPZ++, SEEPZ SEZ,
(31) Priority Document No		
(32) Priority Date	:NA	ANDHERI (EAST), MUMBAI 400096, Maharashtra, India
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)MR. BIKASH MOHANTY
Filing Date	:NA	2)MS. NEHA KALE
(87) 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 embodiment is a system and process for transformation of contractual free text discount information into discount amount .In present invention, external contract template are uploaded into the contract management system when all the information is provided within the computer programme instructions which helps in contract creation. Discount related free text clauses are extracted from uploaded contracts by clicking discount related clauses by the user. Storing means stores the extracted clauses tagged to the contract id by mapping of the field followed by generation of einvoice from einvoice generating system by pulling the information from contract ID followed by mapping of the extracted discount related clauses tagged to that contract which is stored in the contract management storing system. The system analyzer is based on inputs provide calculates the discount amount and transfer the same to the requisite field of the invoice template of the einvoice system. Final calculation of invoice amount is done by einvoice system to generate invoice amount.

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

## (19) INDIA

(22) Date of filing of Application :30/12/2014

(43) Publication Date : 09/01/2015

#### (54) Title of the invention : A METHOD AND SYSTEM FOR E-AUCTION

	·H04I 29/06	(71)Name of Applicant :
(51) International classification	H04L29/08,	1)ZYCUS INFOTECH PVT. LTD.
	G06Q30/00	Address of Applicant :GJ-07, SEEPZ++, SEEPZ SEZ,
(31) Priority Document No	:NA	ANDHERI (EAST), MUMBAI- 400096, Maharashtra, India
(32) Priority Date	:NA	(72)Name of Inventor :
(33) Name of priority country	:NA	1)MR. SHAILENDRA RAO
(86) International Application No	:NA	2)MR. KRISHNA KANAUJIA
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract :

In accordance to the present embodiment of the present invention, there is provided a system intelligent interactive base for having supplier inputs and posing further questions to the supplier more preferably a portal system for conducting electronic sourcing request for information, wherein buyer managing supplier inputs having an interconnection of at least one configurable and namable business process element; said system comprises a host computer system; at least one database component associated with the host computer system; a communication interface for accessing the host computer system from a plurality of remote input/ output devices to manage the flexi price builder business process element. Said system further comprising a buyer on a web enabled handheld device/s selected from the group consisting of but not limited to mobile, iPhone, iPad, Android device, Windows device, Blackberry and any web based devices and the supplier on a second web enabled handheld device/s selected from the group consisting of but not limited to mobile, iPhone, iPad, Android devices. In order to access the flexi price builder tab for capturing request for information sought by buyer from various suppliers for the purpose of conducting electronic sourcing.

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

(22) Date of filing of Application :24/06/2014

(43) Publication Date : 09/01/2015

#### (54) Title of the invention : DELINTING OF COTTONSEED BY HCL GAS AND NEUTRALIZATION BY CAUSTIC SODA INSTEAD OF AMMONIA.

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:A01C 1/00, B02B3/00 :NA :NA :NA :NA :NA :NA :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)JADHAV PRAKASH G Address of Applicant :HEAD OF DEPARTMENT, DEPARTMENT OF CHEMICAL ENGINEERING, SGGS INSTITUTE OF ENGINEERING AND TECHNOLOGY, VISHNUPURI, NANDED-431606, Maharashtra India</li> <li>(72)Name of Inventor :</li> <li>1)TUMME PRATIK R</li> <li>2)JADHAV PRAKASH G</li> </ul>
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#### (57) Abstract :

At present, there is very harmful and expensive method of delinting of cottonseed. By considering the view of delinting, we take diameter to height ratio 1:2 to design delinting chamber for processing and preparing the HC1 gas and ammonia as a neutralizing agent. Traditional method of cottonseed delinting is by sulfuric acid (98%) and lime water (2%). In industries generally used the American methods for delinting. They use the HC1 gas and ammonia as a neutralizing agent for delinting of cottonseed. Due to this, they minimize the area of plant and minimize water treatment after delinting. In our experimentation part, we used ammonia for neutralizing HC1 gas in the delinting of cottonseed for comparing with sulfuric acid treatment on cottonseed. But ammonia is very harmful, toxic and expensive than caustic soda. So I introduced the new HC1 gas-caustic soda technique which gives the same results as compare to the HC1 gas-ammonia treatment. But this new technique is not very expensive than HC1 gas-ammonia due the less cost of caustic soda. So HC1 gas-caustic soda technique will be economical and not so much harmful as compare to HC1 gas-ammonia technique.

No. of Pages : 4 No. of Claims : 3

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

#### (43) Publication Date : 09/01/2015

#### (54) Title of the invention : SHRI RAM MULTIPURPOSE BUSH CUTTING MACHINE (SRMBCM)

(51) International classification	34/416, A01D 57/26	(71) <b>Name of Applicant :</b> 1) <b>MR. DESHMUKH SACHIN SANDIPAN</b> Address of Applicant :AT.PO -SHIRDHON, TAL - KAVATHE MAHANKAL, DIST - SANGLI, PIN CODE -
(31) Priority Document No	:NA	416419 Maharashtra India
(32) Priority Date	:NA	(72)Name of Inventor :
(33) Name of priority country	:NA	1)MR. DESHMUKH SACHIN SANDIPAN
(86) International Application No	:NA	
Filing Date	:NA	
(87) 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 name of this invention is Shri Ram Multipurpose Bush Cutting Machine (SRMBCM). This machine is comported able and easy to handing so save the man powers. Machine works on pulley system so directly load not occurs on the motor. Depends upon grass structure we can use different types of blade. Multi blade changing facility to use blade as per type of grass cutting area. Two blades are used so more area covered at a time and in feature that number can be increase as per requirement. In this machine either use wire type blade or different shapes iron/ still type blade.RPM of machine is maintained in between 2500rpm to 3500 rpm by the purpose of both type to blades are used. We are adjusting height of blade from ground level.

No. of Pages : 8 No. of Claims : 7

(22) Date of filing of Application :30/12/2014

(43) Publication Date : 09/01/2015

#### (54) Title of the invention : EARTHING SOLUTION KIT :H01R (71)Name of Applicant : 1)ASHWIN A KORADIA 4/66, (51) International classification Address of Applicant :DHARKAN HOUSE, NEW H01R 24/78BALMUKUND SOCIETY MAIN ROAD, OPP. TAGOR SCHOOL, B/H. COPPER HIGHT, SADHU VASWANI ROAD, (31) Priority Document No :NA (32) Priority Date **RAJKOT** Gujarat India :NA (33) Name of priority country 2)HIMAL H SOLANKI :NA (72)Name of Inventor: (86) International Application No :NA Filing Date :NA **1)ASHWIN A KORADIA** (87) International Publication No : NA 2)HIMAL H SOLANKI (61) Patent of Addition to Application Number :NA Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA

#### (57) Abstract :

ShockPro earthing eco solution kit has been invented keeping in mind, the prevention of unwanted electric power for SOHO (Small Office Home Office) segment. The ShockPro has big benefits like life expansion of electronic equipment<sup>TM</sup>s and saving human lives.

No. of Pages : 4 No. of Claims : 5

(22) Date of filing of Application :30/12/2014

(43) Publication Date : 09/01/2015

#### (54) Title of the invention : A METHOD FOR REMEDIATION OF SALINE SOIL

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No</li> </ul>	:B09C1/10, B09C1/08 :NA :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)DR. BHAGAWAN SHANKAR MALI Address of Applicant :P.G. RESEARCH CENTRE, DEPARTMENT OF BOTANY, T.C.COLLEGE, BARAMATI - 413102 Maharashtra India</li> <li>(72)Name of Inventor :</li> <li>1)DR DIAC AWAN SHANWAR MALL</li> </ul>
Filing Date (87) International Publication No (61) Patent of Addition to Application Number	: NA : NA :NA	1)DR. BHAGAWAN SHANKAR MALI
<ul><li>Filing Date</li><li>(62) Divisional to Application Number</li><li>Filing Date</li></ul>	:NA :NA :NA	

#### (57) Abstract :

According, to the method of the present invention it is provided that the high salts contents of the inorganic salts is being removed from the soil, the method provided with the isolation of measured plot of the affected soil and partitioning it with the plastic or an appropriate water holding material, so as it can withheld water for the prerequisite time, the water is filled and kept undisturbed on the soil having the number of percolation points and scrubbed surface so as the slats contents from the sub-surface also get removed, the water allows to dissolve the inorganic contents of the soil to be removed and allow to dry, which subsequently gains the fertility due to removal of high salts contents, the single treatment one interval can results in the removal of salt contents up to 30 % or more,

No. of Pages : 16 No. of Claims : 7

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

## (54) Title of the invention : BUFFALO RUMEN ORIGINATED RECOMBINANT CEL\_PR1 CELLULASE WITH POTENT CM CASE ACTIVITY

(51) International classification	1/21,	<ul> <li>(71)Name of Applicant :</li> <li>1) Director of Research &amp; DeanPG Studies, Anand</li> <li>AgriculturalUniversity, Anand</li> <li>Address of Applicant : ANAND AGRICULTURAL</li> </ul>
(31) Priority Document No	:NA	UNIVERSITY UNIVERSITY BHAVAN, ANAND-388110
(32) Priority Date	:NA	Gujarat India
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)PATEL AMRUTLAL KALUBHAI
Filing Date	:NA	2)PARIKH ISHAN KUNJESHKUMAR
(87) International Publication No	: NA	3)RANK DHARAMSHIBHAI NATHABHAI
(61) Patent of Addition to Application Number	:NA	4)JOSHI CHAITANYA GYANDEVPRASAD
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract :

The buffalo rumen metagenome was screened for potential carbohydrate active enzymes and the potential GH5 cellulase Cel\_PRI was PCR amplified using metagenomic DNA extracted from buffalo rumen and gene specific primers, cloned in prokaryotic expression vector and expressed in heterologous E.coli host as His-tag fusion protein. Cel\_PRI was further engineered to introduce three amino acid substitutions by site directed mutagenesis. The recombinant Cel\_PRI was affinity purified using NiNTA chromatographic column and evaluated for potential activity against cellulosic substrate CMC which showed potent hydrolytic activity significantly higher than the commercially available cellulase preparation. The recombinant Cel\_PRI was further found to be stable over wide range of pH-ranging from 4-10 and temperatures ranging from 5- 50°C with optimum activity at 35-45°C and at pH-5.0. Further the recombinant Cel\_PRI showed either moderate or no reduction of activity in the presence of metal chloride ions like NaCl, KCl, CaCl2, and MgC12, and cheating agent EDTA. The recombinant enzyme Cel\_PRI was found to tolerate strong detergent like SDS with demonstration of partial activity in the presence of 1% SDS. Thus, recombinant Cel\_PRI is useful alternative for the hydrolysis of cellulose in the fermentation industry as well as food, agriculture, detergent, textile, paper and pulp industries.

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

(22) Date of filing of Application :31/12/2014

(43) Publication Date : 09/01/2015

#### (54) Title of the invention : SYSTEM AND METHOD FOR IMPROVED JOB SEARCHING

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(27) Internetional Publication Na</li> </ul>	G06F7/00 :NA :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)PROPELLUM INFOTECH PVT. LTD Address of Applicant :301, B WING, THIRD FLOOR, TIME SQUARE BUILDING, ANDHERI-KURLA ROAD, ANDHERI (EAST), MUMBAI-400 059, Maharashtra, India (72)Name of Inventor : 1)YOGESH UGALE 2)VIDAN BUADATABE</li></ul>
<ul> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	: NA :NA :NA :NA :NA	2)KIRAN PHADATARE

(57) Abstract :

The present invention provides a system and method for searching and managing job profiles as an interconnection of at least one configurable and namable business process element; said system comprises: a host computer system; at least one database component associated with the host computer system; a communication interface for accessing the host computer system from a plurality of remote input/ output devices to search and-manage the business process element, further comprising a user job profile search input creation system to provide user inputs as source for analyzing various URLs connected to the source, whether it contains relevant job description as per the user input or not.

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

(22) Date of filing of Application :31/12/2014

#### (43) Publication Date : 09/01/2015

#### (54) Title of the invention : LOCKING SYSTEM

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> </ul>	:E05B27/08, E05B19/00 :NA :NA :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)TALEKAR SAURABH SUNIL Address of Applicant :SHIMPI GALLI, PATHRI, DIST: PARBHANI 431506 Maharashtra India (72)Name of Inventor : 1)TALEKAR SAURABH SUNIL</li></ul>
<ul> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number</li> </ul>	:NA :NA :NA :NA :NA	
Filing Date	:NA	

#### (57) Abstract :

A locking mechanism utilizing pins, adapted for linear guided movement in a pin-casing, is described. The pin-casing also acts as a latch. This pin casing is mounted on slot disc where the axes of pins coincide with the axes of corresponding slots. The slots disc acts as a GO - NO GO gauge. The locking mechanism is characterised in that all the pins move to a certain limit. Any further motion is perceived by a detector. The detector superimposes an obstructer which blocks the motion of pin-casing. The detector mechanism can be reset by a person who has the right key-combination. The key hole is designed to avoid visual display of the internal mechanism. An arc-profiled key is designed to suit this key-hole.

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

#### (19) INDIA

(22) Date of filing of Application :13/06/2014

(43) Publication Date : 09/01/2015

(54) Title of the invention : AN INTRAUTERINE DEVICE		
<ul><li>(51) International classification</li><li>(31) Priority Document No</li><li>(32) Priority Date</li></ul>		<ul> <li>(71)Name of Applicant :</li> <li>1)MERIL ENDO SURGERY PRIVATE LIMITED Address of Applicant :No. 135/139, Bilakhia House, Muktanand Marg, Chala, Vapi-396191, Gujarat, India.</li> </ul>
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)VYAS, Rajnikant Gandalal
Filing Date	:NA	2)MINOCHA, Pramod Kumar
(87) International Publication No	: NA	3)LAD, Nilay Mohanlal
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention discloses an Intrauterine system (IUS)/ Intrauterine device (IUD) for effective method of contraception which also prevents the pelvic and vaginal infections. More particularly, the invention relates to an Intrauterine system (IUS)/ Intrauterine device (IUD) which comprises T frame with its lower end consisting a suture thread which is coated with at least one antimicrobial agent capable of preventing pelvic and vaginal infections which are likely to occur post implantation.

No. of Pages : 27 No. of Claims : 20

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

(43) Publication Date : 09/01/2015

## (54) Title of the invention : INK FORMULATION FOR DIGITAL PRINTING ON CERAMIC MATERIALS AND PROCESS FOR THE PREPARATION THEREOF.

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No</li> </ul>	:NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)SIGMA ENERGY Address of Applicant :PLOT NO. E-67 &amp; 68, GIDC, PHASE- II, DARED, JAMNAGAR-361 004, Gujarat, India.</li> <li>(72)Name of Inventor :</li> </ul>
Filing Date (87) International Publication No	:NA : NA	1)PATEL JASHMIN PRAVINBHAI 2)NIRMAL JAY PARSOTTAMBHAI
(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 ink formulation and a process for the preparation of the said ink formulation. An ink formulation contains inorganic pigment, oil, film former, dispersant. Ink is used in digital printing of ceramic materials.

No. of Pages : 29 No. of Claims : 28

(19) INDIA

(22) Date of filing of Application :23/06/2014

(43) Publication Date : 09/01/2015

#### (54) Title of the invention : SYSTEM AND SOLUTION FOR ONE TIME MOBILE ORIGINATED PKI

<ul><li>(51) International classification</li><li>(31) Priority Document No</li><li>(32) Priority Date</li></ul>	:NA :NA	(71)Name of Applicant : 1)CENTRE FOR DEVLOPMENT OF ADVANCED COMPUTING
<ul><li>(33) Name of priority country</li><li>(86) International Application No</li></ul>	:NA :NA	Address of Applicant :C-DAC, GULMOHAR CROSS RD. 9, JUHU, MUMBAI-400049, Maharashtra India
Filing Date (87) International Publication No	:NA : NA	(72)Name of Inventor : 1)DR. ZIA SAQUIB
(61) Patent of Addition to Application Number	:NA	2)KAPIL KANT KAMAL
Filing Date (62) Divisional to Application Number	:NA :NA	3)MANISH KUMAR 4)BHARAT VARYANI
Filing Date	:NA	

(57) Abstract :

The present invention relates to a system and method for use of one time PKI originated from mobile device where mobile device is used as key pair generator. More particularly in single transaction of authentication process the mobile device generates public-private key pair, sends the certificate service request to a trusted certification authority and use the private key for purpose of signing. After the transaction is over the private key is deleted and public key is stored at a centralized location.

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

#### (19) INDIA

(22) Date of filing of Application :20/11/2014

(43) Publication Date : 09/01/2015

#### (54) Title of the invention : A PROCESS FOR THE PREPARATION OF A THIAMINE DERIVATIVE AND SALT THEREOF

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application I <ul> <li>Filing Date</li> </ul> </li> </ul>	:NA :NA :PCT// :01/01/1900 : NA	<ul> <li>(71)Name of Applicant :</li> <li>1)ASHMI LIFE SCIENCES PVT LIMITED Address of Applicant :L/1216/3 GIDC Phase IV, Naroda, </li> <li>Ahmedabad, 382230, Gujarat, INDIA,</li> <li>(72)Name of Inventor : 1)MURALIDHAR INGALE </li> <li>2)KAMLESH PATEL 3)JAYSUKH MANGROLIA 4)MAYUR PATEL</li></ul>
(62) Divisional to Application Number	:NA	4)MAYUR PATEL 5)MANOJ NYATI
Filing Date	:NA	

(57) Abstract :

A process for the preparation of a thiamine derivative and salt thereof, the process comprising the steps of: reacting thiamine chloride hydrochloride with phosphoric acid in the presence of a catalyst to produce a reaction mass of thiamine polyphosphates; isolating said thiamine derivative from said reaction mass of thiamine polyphosphates; and preparing salt of said thiamine derivative.

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

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

(43) Publication Date : 09/01/2015

#### (54) Title of the invention : ANTI-ROLLS DOWN MECHANISM FOR A MOTOR VEHICLE

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number</li> </ul>	B60T1/06, F16D63/00 :NA :NA :NA :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)VAISHNAVI PRASAD RANADE <ul> <li>Address of Applicant :OFFICE NO. 2A, 2ND FLOOR,</li> <li>CALCUT HOUSE, M. P. SHETTY MARG, FORT, MUMBAI-400 023, Maharashtra, India</li> <li>(72)Name of Inventor :</li> <li>1)VAISHNAVI PRASAD RANADE</li> </ul> </li> </ul>
Filing Date	:NA :NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a mechanism which can be selectively operated by a Motor Vehicle Operators to insure that the Motor Vehicle will not roll backwards or downwards when on an uphill or downhill when the Operators engage forward or reverse Gear of Motor Vehicle.

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

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

#### (43) Publication Date : 09/01/2015

### (54) Title of the invention : NOVEL SURFACE AEROBIC BIO-COMPOSTING (SABC) PROCESS IN MANAGING MOLASSES BASED DISTILLERY WASTEWATER

	:B01D	(71)Name of Applicant :
(51) International classification	53/84,	1) Dr. Sangram Ghugare
	C05F17/00	Address of Applicant :1160, <sup>~</sup> E <sup>™</sup> Ward, Sykes Extension,
(31) Priority Document No	:NA	Opp. Kamala College, Ko1hapur- 416 001, Maharashtra India
(32) Priority Date	:NA	(72)Name of Inventor :
(33) Name of priority country	:NA	1) Dr. Sangram Ghugare
(86) International Application No	:NA	
Filing Date	:NA	
(87) 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 novel surface aerobic bio-composting (SABC) process provides for efficient, effective and economic composting of distillery wastewater called as  $\tilde{}$ Spentwash<sup>TM</sup> in an aerobic environment. This method involves the solid feed mix (pressmud, compost recycle and dried sugarcane trash), spentwash and a microbial culture which are mixed together systematically in a windrow, in a definite proportion for a specific period of time and thereby making best quality compost manure in an abundant quantity. The process has various advantages over the other known and conventional composting processes.

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

(21) Application No.4130/MUM/2014 A

(22) Date of filing of Application :23/12/2014

(43) Publication Date : 09/01/2015

#### (54) Title of the invention : AN AUTOMATED MACHINE FOR MANUFACTURING FLOWER POT TYPE OF FIRECRACKER

(51) International classification:F42B4/30, F42B4/00(71)Name of Applicant : 1)Hexagon Product Development Pvt. Ltd.(31) Priority Document No:NAAddress of Applicant :A-201, Arihant Super Market, Nr. Lal bag crossing, Vadodara - 390011 Gujarat. India(32) Priority Date:NA(72)Name of Inventor : 1)TALATI Jigar Narendrakumar(33) Name of priority country:NA(72)Name of Inventor : 1)TALATI Jigar Narendrakumar(86) International Application No:NA1)TALATI Jigar Narendrakumar(87) International Publication No:NA:NA(61) Patent of Addition to Application Number:NAFiling Date:NA(62) Divisional to Application Number:NA	<ul> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number <ul> <li>Filing Date</li> </ul> </li> </ul>	F42B4/00 :NA :NA :NA :NA : NA : NA :NA :NA	1)Hexagon Product Development Pvt. Ltd. Address of Applicant :A-201, Arihant Super Market, Nr. Lal bag crossing, Vadodara - 390011 Gujarat. India (72)Name of Inventor :	
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(57) Abstract :

This invention relates to the machine for manufacturing of the flower pot type of firecrackers. A firecracker automatic production machine for preparing a flower pot type of firecrackers comprises base frame; rotating turret with pockets to hold the cones on a cone holder; bearing housing; pneumatic cylinder; a rotating shaft; automatic filling machine cone filling; washer placing on cone; ramming force on washer; sealing the cone; discharges in the cone.

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

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

#### (43) Publication Date : 09/01/2015

#### (54) Title of the invention : AN ORAL CARE COMPOSITION FOR THE TREATMENT OF ANTI-FUNGAL INFECTION.

(51) International classification	:A61P 31/10, A61k 9/00	(71) <b>Name of Applicant :</b> 1) <b>MS. JYOTI D. MAGARE</b> Address of Applicant :PLOT NO.44, VATSALYA AMIT NAGAR, NANDANVAN COLONY, AURANGABAD
(31) Priority Document No	:NA	Maharashtra India
(32) Priority Date	:NA	2)DR. R.S. AWASTHI
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)MS. JYOTI D. MAGARE
Filing Date	:NA	2)DR. R.S. AWASTHI
(87) 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 :

According, to one of the aspect of the invention an oral care composition for the treatment of fungal infection is provided, the composition is effective against oral candidiasis or oral thrush, denture stomatitis, oral thrush, gingivitis, angular chelitis caused by C.albicans, the composition is having sodium biborate as the active agent in an effective amount along with other additives; In an another aspect of the invention it is provided that an antifungal susceptibility testing of isolates of Candida albicans tested using Kirby Bauer disc diffusion assay (Cheesbrough). Standard stock solution of sodium biborate (1gm/ml) impregnate on Whatmans Filter paper No 2 discs of diameter of 6mm. Standard antifungal(64 µg/ml) discs are used for the study, and an effective amount of the sodium biborate is obtained for controlling the infection, The oral care composition having an effective amount of sodium biborate in the form of mouthwash, toothpaste, ointment is provided;

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

(22) Date of filing of Application :25/09/2014

(43) Publication Date : 09/01/2015

## (54) Title of the invention : A NOVEL PROCESS FOR PREPARATION OF ETHYL 2-(4-HYDROXY-3-NITROPHENYL)-4-METHYL-5-THIAZOLECARBOXYLATE.

(51) International classification	:C07D277/56	(71)Name of Applicant :
(31) Priority Document No	:NA	1)EXCEL INDUSTRIES LTD.
(32) Priority Date	:NA	Address of Applicant :184-87, S.V. ROAD, JOGESHWARI
(33) Name of priority country	:NA	(WEST), MUMBAI 400 102, Maharashtra, India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)SHROFF RAVI ASHWIN
(87) International Publication No	: NA	2)PATIL MAHESH LAXMIKANT
(61) Patent of Addition to Application Number	:NA	3)PRABHU MANGESH NAMDEO
Filing Date	:NA	4)BARAI HARISHCHANDRA LALJI
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A novel process for preparation of ethyl.2T(4-hydroxy-3-nitrophenyl)-4-methyl-5-thiazolecarboxylate is disclosed. The process involves reaction of ethyl 2-(4-hydroxyphenyl)-4-methyl-5-thiazolecarboxylate with metal nitrate in presence of acid chloride and N,N-Dimethylformamide to produce title compound with improved yield and economics than that reported in the prior art.

No. of Pages : 8 No. of Claims : 3

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

(43) Publication Date : 09/01/2015

# (54) Title of the invention : THIN STRUT STENT FROM BIOABSORBABLE POLYMER WITH HIGH FATIGUE AND RADIAL STRENGTH AND METHOD TO MANUFACTURE THEREOF

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:B21D39/00, B29C49/08, A61F2/06 :NA :NA :NA :NA :NA :NA :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)MERIL LIFE SCIENCES PVT. LTD. Address of Applicant :Survey no.135/139, Bilakhia House, Muktanand Marg, Chala, Vapi- 396191, Gujarat, India.</li> <li>(72)Name of Inventor :</li> <li>1)VYAS, Rajnikant Gandalal</li> <li>2)MINOCHA, Pramod Kumar</li> <li>3)KOTHWALA, Deveshkumar Mahendralal</li> </ul>
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#### (57) Abstract :

This invention discloses method of manufacture of balloon expandable stent made from bioabsorbable polymer with thin struts (strut thickness 130 m or less, preferably 100-110 m) with high fatigue and radial strength. The invention further discloses balloon expandable stent made from bioabsorbable polymer with thin struts (strut thickness 130 m or less, preferably 100-110 m) with high fatigue and radial strength.

No. of Pages : 49 No. of Claims : 17

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

#### (43) Publication Date : 09/01/2015

#### (54) Title of the invention : CHAUGHARIA SAMAY SARANI YANTRA

(51) International classification	27/00, A44C	<ul> <li>(71)Name of Applicant :</li> <li>1)RAMESH JADHAV</li> <li>Address of Applicant :46, JNR MIG, JAI BAJRANG</li> <li>NAGAR, BHAMORI, INDORE-452011 Madhya Pradesh India</li> <li>(72)Name of Inventor :</li> <li>1)RAMESH JADHAV</li> </ul>
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract :

The present invention pertains to a Chaugharia Samay Sarani Yantra which depicts the present day and time along with the present muhurta. The present invention mainly depends upon the Indian Panchang system. The present invention has been made in the form of wall clock with some technical and scientific modifications. The whole circle i.e, 360 degrees are divided in the seven parts representing the seven days of a week and thereafter every day is again divided in 16 equal parts of duration 1.30 hours (90 minutes) and these each part is responsible for showing the seven muhurtas i.e Shubh, Amrit, Kaal, Udweg, chara, labh, Rog. The present invention is driven by battery and there are two needles for display. One main needle denotes the muhurta and the second needle denotes/ shows the operation of clock and the position of the clock. The present invention has been modified to some extent to control its speed and time. The speed of the present invention has been controlled such that it will complete the whole circle in a week.

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

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

(43) Publication Date : 09/01/2015

(54) Title of the invention : A COMPOSITION OF PIGMENT MASTERBATCH AND THE PROCESS OF MANUFACTURE THEREOF

(51) International classification	:C08K3/22, C08L23/06, C09C1/56	<ul> <li>(71)Name of Applicant :</li> <li>1)SUBHASHCHANDRA KESHAVDEV TIBRIWAL Address of Applicant :202, BRIJ BHUMI, NEHRU ROAD,</li> </ul>
(31) Priority Document No	:NA	VILE PARLE EAST, MUMBAI 400057, Maharashtra, India
(32) Priority Date	:NA	(72)Name of Inventor :
(33) Name of priority country	:NA	1)ADITYA S. TIBRIWAL
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		+

#### (57) Abstract :

The present invention relates to a process for the preparation of a Pigment Masterbatch Composition with high percentage of Pigment loading and using pigment flakes of less than 3 microns size for increased dispersion, thereby reducing the quantity of Masterbatch used in preparation and making the process economical. The present invention offers a simple one-step process with a novel composition that offers significant advantages like lower power consumption, lower dosage of Masterbatch, low colouring cost and a finished product with high gloss and enhanced colour values.

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

(21) Application No.4607/CHE/2014 A

#### (19) INDIA

(22) Date of filing of Application :22/09/2014

#### (43) Publication Date : 09/01/2015

## (54) Title of the invention : SYNTHESIS OF HEXAFLUORO ZIRCONIC ACID POWDER AND ITS NANOCONVERSION COATING FOR FERROUS AND NON-FERROUS METAL COMPONENTS

(51) International classification	:C23C	(71)Name of Applicant :
(31) Priority Document No	:NA	1)REGISTRAR UNIVERSITY OF MADRAS
(32) Priority Date	:NA	Address of Applicant :REGISTRAR UNIVERSITY OF
(33) Name of priority country	:NA	MADRAS CHEPAUK CAMPUS, CHENNAI - 600 005 Tamil
(86) International Application No	:NA	Nadu India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)PROF. S. BALASUBRAMANIAN
(61) Patent of Addition to Application Number	:NA	2)MR. RAMANATHAN
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An invention discloses the process for synthesis of pure hexafluoro zirconic acid free from silica. Nanocoating solution using dry H2ZrF6 powder and polyacrylic acid has been formulated. The nanocoating process has been simplified nanocoating. The zirconic acid powder and its nanozirconia mating on mild steel (MS) have been characterized using filed emission scanning electron microscope i,FESEM), energy dispersive X-ray spectroscope (EDX), X-ray diffractometer (XRD), linear polarization (LP) studies, electrochemical impedance spectroscopic (EIS) studies. The effect of PNZ (Pure Nano-zirconic) coating on MS for its corrosion resistance has been proved from LP and EIS studies.

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

#### (19) INDIA

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

(43) Publication Date : 09/01/2015

(54) Title of the invention : COMPACT ENERGY EFFICIENT POLLUTION FREE BIOMASS STOVES FOR DMESTIC APPLICATION

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number</li> </ul>	:NA :NA :NA :NA :NA : NA	<ul> <li>(71)Name of Applicant :</li> <li>1)G. NARAYANASAMY <ul> <li>Address of Applicant :NO. 679 A1/6, MANTHITHOPE</li> </ul> </li> <li>ROAD, KOVIL PATTI - 628 502, THOOTHUKUDI DIST Tamil</li> <li>Nadu India</li> <li>(72)Name of Inventor : <ul> <li>1)G. NARAYANASAMY</li> </ul> </li> </ul>
<ul> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:NA :NA :NA :NA	

#### (57) Abstract :

The furnace is constructed with fire bricks in the cylindrical shape with suitable reinforcement support rings and the brick wall is covered with a outer layer of ceramic wool insulation with a stainless sheet metal covering to protect the insulation material. The furnace has one fuel feeding doors with sliding gate with air holes, grate bar with suitable air gob opening placed bottom of the furnace. The required quantity of air pass through it upwards into the furnace through the grate bar and fuel bed of biomass briquette/ wood, while the furnace isin operation. Top of the furnace portion is specially made of annular circular periphery flue gas exit chamber with vertical chimney outlet, This design helps all the hot gases generated from the burning of fuel, pass through entire effective heating surface of the cooking vessels. So effective heat absorption takes place in cooking vessel. Annular circular periphery flue gas exit chamber consists of annular space with set of adopter flange rings/heat saver cylindrical ring. These rings are to used as suitable for size of cooking vessels, Adopter flange ring acts sealing ring after placing the cooking vessel on the stove.

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

(19) INDIA

(22) Date of filing of Application :13/11/2014

#### (54) Title of the invention : SYSTEMS AND METHODS FOR EFFECTIVE PHYSICAL CELL IDENTIFIER REUSE

(51) International classification:G(31) Priority Document No:N	06F (71)Name of Applicant : 1)WIPRO LIMITED
(32) Priority Date :N	A Address of Applicant :Doddakannelli, Sarjapur Road,
(33) Name of priority country:N(86) International Application No:N	8
Filing Date :N (87) International Publication No : N	
(61) Patent of Addition to Application Number :N Filing Date :N	
(62) Divisional to Application Number :N Filing Date :N	

(57) Abstract :

Systems and methods for allocating a physical cell identifier (PCI) to a cell are described. In one implementation, the method comprises identifying allocated physical cell identifiers based on PCI data and generating a near PCI list and a far PCI list based on the allocated PCIs and a RSRP threshold value. Further, the method comprises determining cell group IDs and a cell IDs from the near PCI list and the far PCI list. Further, the method comprises assigning the cell group IDs to a first bin and the cell IDs to a second bin. Further, the method comprises prioritizing the cell group IDs in the first bin based on effective distance and the cell IDs in the second bin based on an effective RSRP value. Further, the method comprises allocating the PCI, to the cell, determined based on the prioritized cell group IDs.

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

(19) INDIA

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

(43) Publication Date : 09/01/2015

(51) International classification:f16m(71)Name of Applicant :(31) Priority Document No:NA1)Daimler AG(32) Priority Date:NAAddress of Applicant :70546, Stuttgart, Germany(33) Name of priority country:NA(72)Name of Inventor :(86) International Application No:NA1)Atul SHINDEFiling Date:NA2)Bapusaheb PATIL	(54) Title of the invention : ADJUSTABLE CUP HOLDER FOR ADDITIONAL STORAGE		
<ul> <li>(87) International Publication No</li> <li>: NA</li> <li>(61) Patent of Addition to Application Number</li> <li>Filing Date</li> <li>(62) Divisional to Application Number</li> <li>Filing Date</li> <li>:NA</li> <li>(62) Divisional to Application Number</li> <li>:NA</li> <li>:NA</li> </ul>	(51) International classification:1(31) Priority Document No:1(32) Priority Date:1(33) Name of priority country:1(33) Name of priority country:1(86) International Application No:1Filing Date:1(87) International Publication No:1(61) Patent of Addition to Application Number:1Filing Date:1(62) Divisional to Application Number:1	<ul> <li>(71)Name of Applicant :</li> <li>(71)Name of Applicant :</li> <li>1)Daimler AG</li> <li>Address of Applicant :70546, Stuttgart, Germany</li> <li>(72)Name of Inventor :</li> <li>(72)</li></ul>	

(57) Abstract :

The present invention provides a cup holder (10) comprising a side structure (100) with a cavity (101), wherein at least one guide slot (102) is formed on an inner surface of the cavity (101). A holder structure (200) is removably positioned in the cavity (101) and formed with at least one hole (201) and guide pin (202). The guide pin (202) is slidable along the guide slot (102) and lockable in at least one position in the guide slot (102). A flexible bellow (203) is attached to an inner side of the hole (201) for supporting the holder structure (200) against a bottom surface of the cavity (101). The holder structure (200) is slidable between at least two levels within the cavity (101) and provides a first storage space in one level and a second storage space in the other level.

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

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

#### (43) Publication Date : 09/01/2015

(54) Title of the invention : A METHOD FOR CONTROLLING A HYBRID VEHICLE OPERATION BASED ON STATISTICAL APPROACH

(51) International classification	:b60K	(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)Piyush Sudhir DAWANDE
Filing Date	:NA	2)Amol DURGE
(87) International Publication No	: NA	3)Kiran RAVINDRAN
(61) Patent of Addition to Application Number	:NA	4)Ashish Ashok VANKUDRE
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		Letter and the second se

(57) Abstract :

The invention relates to a method for operating a hybrid vehicle (10), in which a control unit (12) controls at least one internal combustion engine (18) and at least one electric motor (20) for driving the hybrid vehicle (10), wherein the control unit (12) activates an E-drive assist mode (22), in which the hybrid vehicle (10) is driven only by the at least one electric motor (20), if a torque demand (24) for driving the hybrid vehicle (10) is less than or equal to a maximum deliverable torque (26) of the at least one electric motor (20). A probability dataset (14) is determined by means of the control unit (12), wherein a probability of activating the E-drive assist mode (22) is determined by an evaluating unit (16) of the control unit (12), which evaluates at least two testing states (27, 28, 29, 30) of the hybrid vehicle (10).

No. of Pages : 27 No. of Claims : 4

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

#### (43) Publication Date : 09/01/2015

(54) Title of the invention : THREADED FEMALE FASTENER FOR USE WITH SELF-LOCKING THREAD-IN-THREAD MALE FASTENER

(51) International classification	:F16B	(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)Rajat Kumar PANDA
Filing Date	:NA	2)Malathesha KUNCHUR
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		L

(57) Abstract :

The present invention provides a threaded female fastener i.e. nut, for use with a self-locking thread-in-thread male fastener such as bolt or screw. The female fastener comprises a body with a cylindrical bore at center, wherein the bore includes at least two internal helical threads having two different minor diameters. A receiving end at one side of the bore receives the screw or bolt, and an opposite end is at the opposite side. The helical threads are interleaved with one another, wherein axial length of at least one internal helical thread is shorter than axial length of the other internal helical thread. Number of turns of one helical thread is greater than that of the other helical thread.

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

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

(43) Publication Date : 09/01/2015

(54) Title of the invention : FORMULATION AND DELIVERY OF A PGPR BACILLUS SPECIES THROUGH CAPSULATED GELATIN

(51) International classification	:C12N	(71)Name of Applicant :
(31) Priority Document No	:NA	1)Sri Biotech Laboratories India Ltd
(32) Priority Date	:NA	Address of Applicant :Biosphere, Plot No.21, Street No. 2,
(33) Name of priority country	:NA	Sagar Society, Road No.2, Banjara Hills, Hyderabad - 500034,
(86) International Application No	:NA	Telgana, India.
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)Ramakoti Reddy Kondamadugula
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		1

(57) Abstract :

The present invention relates to a composition comprising Plant Growth promoting Rhizobacteria (PGPR) and optionally, a carrier encapsulated within gelatin capsules. An exemplary embodiment of the present invention is directed towards a Bacillus subtilis isolate. The capsules on release are capable of bacterial colonization and PGPR activity in maize, tomato and chilli under glass house conditions.

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

### (22) Date of filing of Application :18/09/2014

#### (43) Publication Date : 09/01/2015

## (54) Title of the invention : OBJECT MAPPING, DETECTION AND TRACKING BY UNIQUE PHYSICAL PATTERN RECOGNITION ON MULTI-TOUCH SURFACE

(51) International classification	:G06F	(71)Name of Applicant :
(31) Priority Document No	:NA	1)ATISH PATEL
(32) Priority Date	:NA	Address of Applicant :011,FIRST FLOOR,#16-17,BABBU
(33) Name of priority country	:NA	REDDY APARTMENT NEAR KEB POWER STATION, 24TH
(86) International Application No	:NA	MAIN,HSR LAYOUT-2,BANGALORE-560102,
Filing Date	:NA	KARNATAKA,INDIA
(87) International Publication No	: NA	2)KUMAR AHIR
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor :
Filing Date	:NA	1)Atish Patel
(62) Divisional to Application Number	:NA	2)Kumar Ahir
Filing Date	:NA	3)Hiren Kangad

#### (57) Abstract :

System and method for providing a multi-touch surface device to track at least one inter-active physical object, comprising: generating a physical pattern of immersions to be attached onto base plate of the interactive physical object; identifying the interactive physical object using the physical pattern of immersions attached onto the base plate of the interactive physical object, wherein the physical pattern of immersions represents a unique patterns of the specific interactive physical object; comparing the information data related to the unique patterns of the specific interactive physical object from a memory comprising a database of defined set unique patterns of specific interactive physical object; recognizing the multi-touch surface device to the interactive physical object when the interactive physical object contacts a touch screen based on the unique physical pattern accessed from the database; displaying the interactive physical object on a real-time basis

No. of Pages : 24 No. of Claims : 19

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

#### (43) Publication Date : 09/01/2015

# (54) Title of the invention : CHEAP AND EFFECTIVE SOLUTION TO IDENTIFY COUNTERFEIT PRODUCTS AND PREVENT PURCHASE OF COUNTERFEIT PRODUCTS THUS HELPING BOTH THE CONSUMERS AND THE MANUFACTURERS OF CONSUMER PRODUCTS

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> </ul>	:NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)Meda Bhargavi Address of Applicant :Plot # 206 Kastle Vista 1st A main,Vignan Nagar Bangalore Karnataka India</li> <li>(72)Name of Inventor :</li> <li>1)Meda Bhargavi</li> </ul>
<ul><li>(87) International Publication No</li><li>(61) Patent of Addition to Application Number</li></ul>	: NA :NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		•

(57) Abstract :

This is the proposed solution to help both the consumers and the manufacturers of consumer products. This solution can be used to prevent purchase of counterfeit products by consumers. The reporting platform of this solution can be used by the manufacturing companies to track the counterfeit products and take legal action against the counterfeiters.

No. of Pages : 14 No. of Claims : 1

(22) Date of filing of Application :29/12/2014

(43) Publication Date : 09/01/2015

### (54) Title of the invention : VERTICAL GROWTH OF NANOPARTICLES LEADING TO MICROMETER LONG BRUSHES BY AMBIENT ELECTROLYTIC SPRAY DEPOSITION

		(71)Name of Applicant :
(51) International classification	:C08K3/00	
(31) Priority Document No	:NA	Address of Applicant : THE DEAN, INDUSTRIAL
(32) Priority Date	:NA	CONSULTANCY & SPONSORED RESEARCH [ICSR]
(33) Name of priority country	:NA	INDIAN INSTITUTE OF TECHNOLOGY MADRAS IIT P.O,
(86) International Application No	:NA	CHENNAI-600 036 Tamil Nadu India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)T. PRADEEP
(61) Patent of Addition to Application Number	:NA	2)DEPANJAN SARKAR
Filing Date	:NA	3)M. K. MAHITHA
(62) Divisional to Application Number	:NA	4)ANIRBAN SOM
Filing Date	:NA	5)R. GRAHAM COOKS
-		6)ANYIN LI

(57) Abstract :

This invention relates to a method of fabrication of dimensionally controlled growth of nano scaled.structures over millimeter areas using mixture of metals or salts. The method involves electrolytic spray deposition of silver metal, to create vertically aligned metallic nanosiruciures under ambient conditions. The resultant structures can be used as excellent sensors for detecting pollutants in air, automobile exhausts and water.

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

(19) INDIA(22) Date of filing of Application :20/11/2014

(43) Publication Date : 09/01/2015

#### (54) Title of the invention : A SYSTEM AND METHOD TO IDENTIFY AN USER USING AN IMAGING SYSTEM

<ul><li>(51) International classification</li><li>(31) Priority Document No</li><li>(32) Priority Date</li></ul>	:G06k :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)RAGHUVAMSH CHAVALI Address of Applicant :501A, Ranga Prasad Residency, Seri-</li> </ul>
(33) Name of priority country	:NA	lingampalli, Beside Ajay Function Hall, Hyderabad, Telangana,
(86) International Application No	:NA	INDIA
Filing Date	:NA	2)ASHWANTH KUMAR APPALAGHE
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)RAGHUVAMSH CHAVALI
Filing Date	:NA	2)ASHWANTH KUMAR APPALAGHE
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to an imaging system that captures a user detail to embed it on an imaging system output. The system comprises of a fingerprint scanner comprising a finger prism mounted within the imaging system and a light for illumination of the finger prism so that a fingerprint image can be propagated therefore. A recording component for receiving fingerprint images propagated from the finger prism is present. The system further comprises of a software component that converts the received fingerprint images recorded in the recording component into one or more unique codes. The system has a unique code registering means on to a captured image of the imaging system and a terminal means, connected to the fingerprint scanner, recording component, software component and image capturing means, for embedding the unique code of the captured fingerprint of the user using the imaging system on to one or more of a pixel of the imaging system output that is captured. An identity of the user using an imaging system for creating a work is captured and is embedded on to an output type. The system assist in properly attributing ownership of rights to the work created. To facilitate the association, an apparatus is used to create the work may be configured to include a component for capturing the bio-metric information regarding the identity of the author.

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

(22) Date of filing of Application :29/12/2014

(43) Publication Date : 09/01/2015

## (54) Title of the invention : A PHARMACEUTICAL COMPOSITION FOR MUCOADHESIVE MICROPARTICLES IN THE DELIVERY OF THERAPEUTIC AGENTS

(51) International classification	:A61K9/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)DR. ANNA BALAJI
(32) Priority Date	:NA	Address of Applicant : PATHFINDER INSTITUTE OF
(33) Name of priority country	:NA	PHARMACY EDUCATION & RESEARCH. OPP AIRPORT,
(86) International Application No	:NA	BESIDES MAMNOOR CAMP, KHAMMAM ROAD,
Filing Date	:NA	WERANGAL-506 166 Karnataka India
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)DR. ANNA BALAJI
Filing Date	:NA	2)MS. SWAPNA SIRIKONDA
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Disclosed herein is a pharmaceutical composition comprising of active pharmaceutical ingredient, a novel protein polymer and pharmaceutically acceptable excipients. We report that the novel protein polymer possesses mucoadhesive property. The present invention also provides a pharmaceutical composition . comprising of Vardenafil HC1 (used as a model .drug), a novel protein polymer and pharmaceutically acceptable excipients. Vardenafil HC1 administered orally is characterized by low bioavailability and the pharmaceutical composition in that the drug bioavailability is enhanced to a very large extent compared to conventional dosage forms. Thus, in the disclosed invention, a method of increasing the rate and extent of Vardenafil HO

absorption is provided comprising administering the pharmaceutical composition in a therapeutically effective amount of Vardenafil HC1 in the formulation of the drug products to patients.

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

#### (19) INDIA

(22) Date of filing of Application :06/02/2014

(43) Publication Date : 09/01/2015

### (54) Title of the invention : MULTI -WALLED CARBON NANOTUBE ELECTRODE FOR ELECTROCHEMICAL ANALYSIS

<ul><li>(51) International classification</li><li>(31) Priority Document No</li><li>(32) Priority Date</li><li>(32) No. 100 (2000)</li></ul>	:NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)SAKTHI BABY GAYATHRI Address of Applicant :13-A, VGP SRINIVASA NAGAR,</li> </ul>
<ul><li>(33) Name of priority country</li><li>(86) International Application No</li></ul>	:NA	MADAMBAKKAM MAIN ROAD, RAJAKILPAKKAM, CHENNAI - 600 073 Tamil Nadu India
Filing Date (87) International Publication No	:NA : NA	2)PALANISAMY KAMARAJ (72)Name of Inventor :
(61) Patent of Addition to Application Number Filing Date	:NA :NA	1)SAKTHI BABY GAYATHRI 2)PALANISAMY KAMARAJ
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Multi-walled carbon nanotubes (MWCNT) can self assemble upon drying driven by capillary force. These self assembled dried MWCNTs can be polished and fabricated as MWCNT electrode. MWCNT is gas impermeable with greater conductivity and chemical stability. The design and method for the making of Multiwalled Carbon Nanotube Electrode for electrochemical analysis has been described. Voltarnmetric studies have been performed in redox couple containing I0/10mM K3Fe(CN)6/K4Fe(CN)6 in 0.1M KG. It is suitable for over the potential range +1.0 to -1.0v Vs SCE. The fabricated electrode requires no treatment between uses. The Ep and Ip values were reproducible and self assembled MWCNT electrode can be used in the electrochemical analysis of electro-active species

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

(19) INDIA

(22) Date of filing of Application :24/12/2014

#### (54) Title of the invention : METHOD AND SYSTEM FOR RECOGNIZING CHARACTERS

(51) International classification	:G06K	(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)RAGHAVENDRA HOSABETTU
(87) International Publication No	: NA	2)ANIL KUMAR LENKA
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present disclosure relates to a method and a system for recognizing characters. In one embodiment, the input image comprising one or more characters to be recognized is received and processed to extract one or more nodes and edges of each character in the input image. Using the extracted nodes and edges, a graphical representation and adjacency matrix of each character is generated and compared with a predetermined graphical representation and adjacency matrix to determine a match. Based on the comparison, a matching probability is determined based on which one or more characters in the input image is recognized and displayed as output. The proposed recognition method and system recognizes character with more accuracy and speed. Further, the present disclosure is simple, cost-effective and reduces the complexity involved in automatic recognition of characters.

No. of Pages : 30 No. of Claims : 13

(22) Date of filing of Application :29/12/2014

#### (43) Publication Date : 09/01/2015

#### (54) Title of the invention : METHOD AND SYSTEM FOR MIGRATING DATA TO NOT ONLY STRUCTURED QUERY LANGUAGE (NOSQL) DATABASE

(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)PANDURANG DULBA NAIK
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract :

Embodiments of the present disclosure disclose method for migrating data from relational database to Not Only Structured Query Language (NoSQL) database. The method comprises retrieving database metadata information, query statements information and query scripts information of each of database tables from relational database system. Then, query patterns of each of database tables from query statements information and query workload of each of database tables from the query scripts information is identified. Next, table key information and table index information of each of the database tables based on correlation between the database metadata information and the query patterns of corresponding database tables is determined. Then, data model of NoSQL database is generated using database metadata information, the query patterns, query workload, table key information and table index information. Then, data model of NoSQL database is verified. Lastly, data from relational database is migrated to NoSQL database.

No. of Pages : 34 No. of Claims : 16

#### (19) INDIA

(22) Date of filing of Application :25/09/2014

(43) Publication Date : 09/01/2015

(54) Title of the invention : A SELF ADJUSTING TRAY FOR WAITERS		
(51) International classification	:G01C	(71)Name of Applicant :
(31) Priority Document No	:NA	1)MOHAMMED SOHAIL SIDDIQUE
(32) Priority Date	:NA	Address of Applicant :H. No. 16-9-688/1/3, 1st Floor, Old
(33) Name of priority country	:NA	Malakpet, Hyderabad-500036, Telangana, India.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)MOHAMMED SOHAIL SIDDIQUE
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a self adjusting platform (tray) fig4 wherein the platform (tray) fig2 is mounted on the shaft of a dc motor fig1 with the help of a frame fig3 which is welded to the motor<sup>TM</sup>s shaft. The platform (tray) fig4 has an accelerometer or gyroscope attached to its bottom parallel to its surface. The user holds the body of the motor and whenever there is a rotational disturbance the accelerometer or gyroscope readings change these readings are given to the microcontroller which uses PID (proportional integral and derivative) algorithm to maintain the readings constant by rotating the motor in opposite direction to disturbance thus maintaining the platform (tray) always horizontal.

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

(22) Date of filing of Application :27/12/2013

(43) Publication Date : 09/01/2015

#### (54) Title of the invention : WARNING AND PROTECTION SYSTEM FOR PREVENTING ELEPHANT INTRUSION (51) International classification :G08B (71)Name of Applicant : (31) Priority Document No 1)S.M. SEENI MOHIDEEN & P. JAYAKUMAR :NA (32) Priority Date Address of Applicant :SETHU INSTITUTE OF :NA (33) Name of priority country TECHNOLOGY, PULLOOR, KARIAPATTI - 626 115, :NA (86) International Application No VIRUDHUNAGAR - DISTRICT Tamil Nadu India :NA Filing Date :NA (72)Name of Inventor : (87) International Publication No : NA 1)S.M. SEENI MOHIDEEN & P. JAYAKUMAR (61) Patent of Addition to Application Number :NA Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA

#### (57) Abstract :

This invention relates to Warning and preventing wild elephant intrusion into the human populated/ cropped area is challenging nowadays by increasing human - elephant conflict due to acute shortage of resources such as water and food inside the wild. We present the design and implementation of an intrusion detection, warning alert and protection system. The main objectives in this invention is to detect the location of intrusions, provision of early warning to people, Prompt information to authorities and protect the intrusion. The Laser is use to identify the intrusion of object by laser beam intrusion detection and Image processing camera to Identify and analysis the type of intruded object. The Micro phone also gets the sound of animal to analysis. After confirmed the Elephant intrusion, cracker sound generated from loudspeaker and send SMS to Forest department and Landowner, then electrification are activated to the particular area of fence.

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

(19) INDIA

(22) Date of filing of Application :27/12/2013

#### (54) Title of the invention : SIDE WIND SCREEN AND REAR VIEW MIRROR WIPERS (51) International classification :B60R (71)Name of Applicant : (31) Priority Document No 1)P. JAYA KUMAR :NA (32) Priority Date Address of Applicant :K.S.R. COLLEGE OF :NA (33) Name of priority country ENGINEERING, K.S.R. KALVI NAGAR, TIRUCHENGODE -:NA (86) International Application No 637 215 Tamil Nadu India :NA Filing Date :NA (72)Name of Inventor : (87) International Publication No : NA 1)P. JAYA KUMAR (61) Patent of Addition to Application Number :NA Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

Driving cars or trucks during inclement weather like raining or fog is difficult to clear rainwater, snow and other form of dusts while driving in highway or adventurous road conditions. Nowadays windshield wipers are mounted in front and back of vehicle to clear rainwater and snows from rear and front windshield. However, wipers or any cleaning for outside rearview mirrors have not become popular even though the safety features of such devices are self-evident. The drivers are cleaning the side windshield and rear view glass by cloth manually while driving, it is difficult while the vehicle is traveling to clean such mirror or mirrors, and they become useless and this situation is dangerous and creates a safety problem. The problem of providing a clean rear view mirror under rainy and foggy conditions has been overcome by applicants improved wiper equipment. This invention is to provide a novel and improved wiper apparatus for wiping the side view mirror and side windscreen.

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

(22) Date of filing of Application :30/09/2014

(43) Publication Date : 09/01/2015

## (54) Title of the invention : NETWORKED PLATFORM FOR ESTABLISHING LOCATION BASED RESPONSIVE AND INTERACTIVE COMMUNICATION

(51) International classification	:h04w	(71)Name of Applicant :
(31) Priority Document No	:NA	1)VENKATA NARESH BABU BALINA
(32) Priority Date	:NA	Address of Applicant :Plot no.391, Padmini Nilayam,
(33) Name of priority country	:NA	Ayyappa society, Madhapur, Hyderabad-81, Telangana, India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)VENKATA NARESH BABU BALINA
(87) 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 networked platform for establishing location based responsive and interactive communication. The system comprising a networked platform comprising an application configured in a handheld device of one or more users, whereby the application establishes a location based responsive and interactive communication among the one more users; and a server unit for enabling the one or more users to download the application to the handheld device and route the responsive and interactive communications among one more users in a specific geographical location and the one or more users of another specific geographical location; and a data repository unit for storing data associated with the responsive and interactive communications of the one or more users.

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

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

#### (43) Publication Date : 09/01/2015

## (54) Title of the invention : CELL PHONE RADIATION SAFETY DEVICE MADE OF FUNCTIONALLY GRADED NANO COMPOSITE MATERIALS

(62) Divisional to Application Number :NA	• • •	:NA :NA :NA :NA :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)RENJITH REJI JOHN <ul> <li>Address of Applicant :V/480 VILAVERTHOTTATHIL T.B</li> </ul> </li> <li>ROAD, ANGAMALY, PIN-683572 Kerala India</li> <li>2)REENY REJI JOHN</li> <li>(72)Name of Inventor : <ul> <li>1)RENJITH REJI JOHN</li> <li>2)REENY REJI JOHN</li> </ul> </li> </ul>
Filing Date :NA	• • •		

(57) Abstract :

The invention relates to the field of portable radio frequency communication system such that the invented device when attached to a portable communication system, reduces the exposure of the RF radiation from the portable communication system by the users by redirecting the radiation away from the users head. The device consists of plurality of embedded RF coupling, redirector and reflector elements configured such that RF radiation is inductively coupled from an internal antenna of said portable telephones to the external device and radiates away from the user. The RF elements are made of functionally graded nano composite materials. The elements are embedded in a thin pad which is inserted in a protective housing or the thin pad becomes a part of the housing used for protecting the portable communication system.

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

#### (22) Date of filing of Application :16/06/2014

(43) Publication Date : 09/01/2015

### (54) Title of the invention : HYBRID ELECTRIC-INTERNAL COMBUSTION ENGINE (ICE) TWO-WHEELER WITH SYNCHRONIZED TORQUE DISTRIBUTION FOR PROPULSION

(51) International classification	:B60K	(71)Name of Applicant :
(31) Priority Document No	:NA	1)SHARADA PRASAD. N
(32) Priority Date	:NA	Address of Applicant :NO. 177, 31/2, GEOLOGY LAYOUT,
(33) Name of priority country	:NA	NAGARBHAI 2ND STAGE, DEEPA COMPLEX ROAD,
(86) International Application No	:NA	BANGALORE - 560 072 Karnataka India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)SHARADA PRASAD. N
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract :

With this invention, the ICE in this built hybrid electric vehicle is utilized for obtaining the propulsion of the vehicle from the rest, as the speed is increased; the electric motor propulsion is combined with the ICE propulsion for total movement of the vehicle. The total torque obtained by both ICE and electric motor are synchronized for respective road gradient by varying suitably the respective controllers utilized. By doing torque distribution accordingly, battery life per total charge can be enhanced in driving the electric motor also minimizing the fuel required for ICE propulsion. For the test route chosen, the vehicle in stock condition, eligible for giving a mileage of 35km (as observed in stock driving), With this type of arrangement, can enhance the mileage performance efficiently by 25%. The throttle with respect to ICE was moderately involved in obtaining the propulsion during the test run. The throttle involved in driving the electric motor was mutually made involved with respect to ICE throttle. Both motor torque and ICE torque were responsible in propelling the vehicle during the test run.. The short battery life issue related to present electric bikes can be solved implementing this technology. Also low-emission, electric / ICE can be chosen while driving, giving rise to less fuel consumption and reduced emissions. Industrial applications: > More reliable hybrid two-wheeler vehicle can be manufactured and sold to consumer > More efficient torque / speed management of the hybrid electric two-wheeler vehicle > Less fuel utilization by ICE > Common-man needs can be met > Renewable techniques in battery charging can be employed > Energy conservation for future needs

No. of Pages : 15 No. of Claims : 2

(19) INDIA

(22) Date of filing of Application :29/12/2014

(43) Publication Date : 09/01/2015

(54) Title of the invention : A NASAL SECRETION	EXTRACTO	R
<ul> <li>(54) Title of the invention : A NASAL SECRETION</li> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No <ul> <li>Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number</li> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application Number <ul> <li>Filing Date</li> </ul> </li> </ul>		R (71)Name of Applicant : 1)SUNITHA VELLORE Address of Applicant :244, Silver Springs, Block A, Flat No. 201, Mithila Nagar, Pragathi Nagar, KPHB, Hyderabad-500072, Telangana, India. (72)Name of Inventor : 1)SUNITHA VELLORE

(57) Abstract :

Exemplary embodiments of the present disclosure are directed towards a nasal secretion extracting device comprising a handle at the proximal end, a sliding button for sliding to and fro within the handle and an elongated body induced to a flower shaped cleaner at distal end.

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

### (22) Date of filing of Application :19/12/2014

#### (43) Publication Date : 09/01/2015

## (54) Title of the invention : A METHOD FOR PREPARATION OF EXTENDED SHELF LIFE AND READY TO EAT RICE CAKE AND DOSA ADMIXTURE POWDER

<ul><li>(51) International classification</li><li>(31) Priority Document No</li></ul>	:A23L1/00 :NA	(71)Name of Applicant : 1)S. GNANAMANJARI
(32) Priority Date	:NA	Address of Applicant :C-2, SICAL RACE VIEW
(33) Name of priority country	:NA	APARTMENTS, 2, RACE COURSE INTERIOR ROAD,
(86) International Application No	:NA	GUINDY, CHENNAI-600 032 Tamil Nadu India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)S. GNANAMANJARI
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract :

The technical problem is to develop a food material from rice as raw material and a processed food using the raw material with cereals and a method for production thereof, which food material can sufficiently be produced readily at home by mere admixture with water and steaming the said obtained paste. The process for the manufacture of extended shelf life rice and cereal mixed powder for the preparation of naturally fermented rice and cereal batter which is free from any chemicals, additives, artificial fermenting agents, colouring agents and strengthening, leavening agents comprises the steps of obtaining and cleaning the preferred quality and sized rice grains of pre-determined quantity, completely subjecting the said preferred rice grains to hydrolysis process at room temperature for 10 to12 hours, dehydrating the said hydrolysis processed grains till the pre-determined moisture content is obtained, milling and grinding the said processed rice grains to a degree between 90-110 mesh size, obtaining the processed rice grain powder of pre-determined size, processing the cereal to be admixed with the said processed rice grains, milling and grinding the said processed cereal to the same degree between 90-110 mesh size as that of the grinded rice grain, obtaining the processed cereal grain powder of pre-determined size, allowing to cool the said milled and grinded processed rice grains and cereal to room temperature, obtaining the admixture powder by combining the processed rice grain powder and cereal grain powder, generating the admixture paste by mixing water of pre-determined quantity to the said powder and fermenting the said admixture paste at room temperature for pre-determined period of time.

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

(22) Date of filing of Application :19/12/2014

#### (43) Publication Date : 09/01/2015

## (54) Title of the invention : SHARED APERTURE MULTI-SERVICE ANTENNA DESIGN FOR AUTOMOTIVE COMMUNICATIONS

(51) International classification	·H01O	(71)Name of Applicant :
(31) Priority Document No	:NA	1)K. MALATHI
(32) Priority Date	:NA	Address of Applicant :L1/2 ANNA UNIVERSITY STAFF
(33) Name of priority country	:NA	QUARTERS, GANDHI MANDAPAM ROAD, CHENNAI-600
(86) International Application No	:NA	025 Tamil Nadu India
Filing Date	:NA	2)M. GULAM NABI ALSATH
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)K. MALATHI
Filing Date	:NA	2)M. GULAM NABI ALSATH
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

This invention shared aperture multi-service antenna design for automotive communication relates to a novel multiservice antenna comprising of modified Planar Inverted F Antenna (PIFA) and a Y shaped monopole sharing a common aperture. The modified PIFA is designed for triple band operation at 1.8 GHz, 2.4 GHz and 3.5 GHz, which suitable for DCS1800, IEEE 802.1 lb/g/n standards and Worldwide Interoperability for Microwave Access (WiMAX) respectively. These frequency bands are also of interest in 4G Long Term Evolution (LTE) communication systems. The Y shaped monopole is designed to operate at 5.85 GHz for Electronic Toll, Vehicle to Vehicle (V2V) and Vehicle to Infrastructure (V2I) communications. The proposed antenna can be easily integrated with the associated PCB electronics resulting in low cost production of antennas for modern automotive wireless communication requirements.

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

#### (19) INDIA

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

#### (43) Publication Date : 09/01/2015

(54) Title of the invention : SMART E-PUMP		
<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number <ul> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application Number <ul> <li>Filing Date</li> </ul> </li> </ul>	:g04G :NA :NA :NA :NA :NA :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)SENTHILKUMAR KARTHIKEYAN Address of Applicant :No: 9/13A, Palanisamy Naidu 2nd Street, Kalapatti Road, Civil Aerodrome Post, Coimbatore -641 014, Tamilnadu, India</li> <li>(72)Name of Inventor :</li> <li>1)SENTHILKUMAR KARTHIKEYAN</li> </ul>

#### (57) Abstract :

A SMART e-PUMP having built-in electronic timer, over load Protector and Dry run Protector. Dry run prevention works on a Sensor provided in non-return valve, placed between suction in-let and flange. Sensor through wire connected to electronic device on top of pump. If there is no water contact with S.S sensor exceeding 2.5 minutes, power supply to pump gets terminated automatically. Simultaneously, dry run alarming LED flashing light gets on. Subsequent switching on of pump is manual. Micro controller and LED 7 segment display is provided on Top of box with tactile switch. Maximum time is 99 minutes which could be set depending on over head size and pump water discharge. In case of intermediate power failure, electronic device will keep the number of minutes the pump was functioning prior to power failure. As power resumes, pump will automatically switch on and device will allow only balance time for functioning.

No. of Pages : 12 No. of Claims : 2

(22) Date of filing of Application :24/12/2014

(43) Publication Date : 09/01/2015

(54) Title of the invention : A DOMESTIC, SLOW-SPEED, SELF-PRIMING, OPENWELL, MONOBLOCK PUMP WITH BALL BEARINGS

(51) International classification	:F04D	(71)Name of Applicant :
(31) Priority Document No	:NA	1)Kaliappa Gounder Arumugam Pradheep
(32) Priority Date	:NA	Address of Applicant :No: 352, Sanganoor Road, Ganapathy,
(33) Name of priority country	:NA	Coimbatore-641 006, Tamilnadu, India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)Kaliappa Gounder Arumugam Pradheep
(87) 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

(57) Abstract :

Wherein the Impeller (G) is fixed to the one end of the Rotor (F). Rotor (F) is centrally placed in the Stator Body (1). During operation, there is an excessive play of the Impeller in the lateral direction. which hampers the performance of the set. This lateral movement is arrested by using a set of Ball Bearings (E), which confines only to the rotary motion of the Impeller (G). The said pump being submerged under water. Water being a natural coolant, cools the said ball bearings (E) without the requisite of a cooling fan, as used in the conventional pumps. This results in saving a lot of energy. A capacitor is used in place of a centrifugal switch used in the conventional pumps, by virtue of which the locking problem at low voltage has been overcome.

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

(21) Application No.6690/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :30/12/2014

(43) Publication Date : 09/01/2015

#### (54) Title of the invention : SMART HOME MONITORING SYSTEM AND APPLIANCE WITH A MULTI CAMERA (51) International classification :g06Q (71)Name of Applicant : (31) Priority Document No **1)IYER RAMACHANDRAN** :NA Address of Applicant :201 Ark Villa, Whitefield, Kondapur, (32) Priority Date :NA (33) Name of priority country Hyderabad, 500084, Telangana India :NA (86) International Application No **2)PRATEEK ABHINANDAN** :NA Filing Date :NA (72)Name of Inventor : (87) International Publication No : NA **1)IYER RAMACHANDRAN** (61) Patent of Addition to Application Number :NA 2)PRATEEK ABHINANDAN Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

The invention relates to smart home monitoring system and appliance with multi camera. It has intelligence to interact and interplay with other devices in the Internet of things (IoT) ecosystem which can be operated by the user anywhere, anytime and any number of time along with rule based notification which is pre-defined by the user as per his setting choice. It comprises of Smart Home Appliance (1) having plurality of cameras (7) with an angle of 200 to 360 degrees to capture more content; sensor for motion detection; temperature and humidity; smart home hub (3) for aggregating the data being collected by plurality of home appliance; Wifi router (2); Internet enabled smart device (4); and electronic circuitry, having the option to access the data directly from the smart home appliance or from Wifi as well as from hosted home cloud server (6). This can also be linked with 3rd party smart cloud (5).

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

#### (22) Date of filing of Application :17/09/2014

(43) Publication Date : 09/01/2015

### (54) Title of the invention : A MOLECULAR METHOD TO CREATE A DATABASE FOR IDENTIFICATION OF HIGH YIELDING PLANT VARIETIES

(51) International classification	:C12O1/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)DR. RAMESH MALOTHU
(32) Priority Date	:NA	Address of Applicant : Assistant Professor, School of
(33) Name of priority country	:NA	Biotechnology, Institute of Science and Technology, JNT
(86) International Application No	:NA	University, Kakinada, Andhra Pradesh-533003, India.
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)DR. RAMESH MALOTHU
(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 molecular method to create a database for identification of a plant variety and its distinct quality traits such as yield, drought resistance, resistance to specific pests etc. Genomic DNA extracted from different varieties of banana plants were subjected to PCR amplification by using specific primers to get an amplicon. The resulting amplicon is then subjected to restriction digestion using different restriction endonucleases and resolved by gel electrophoresis. Different varieties of plants would exhibit different patterns of restricted fragments of DNA when resolved on a gel that are visually recorded to create a database. This database is used for easy identification of a particular variety of a plant.

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

(22) Date of filing of Application :19/12/2014

(43) Publication Date : 09/01/2015

(54) Title of the invention : SYSTEM AND METHOD FOR ADAPTIVE DOWNLINK SCHEDULER FOR WIRELESS NETWORKS

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

(57) Abstract :

The present disclosure relates to systems, methods, and non-transitory computer-readable media for efficient scheduling of downlink data traffic at a base station. The method may comprise: receiving one or more downlink data packets from a second protocol layer. Thereafter, the one or more downlink packets may be classified into one or more categories of packets based on transmission type and radio transmission state of the one or more downlink packets. Further, one or more first packets from each of the one or more categories of packets may be scheduled based on a pre-determined priority order of the one or more categories of packets. Finally, the one or more first packets are transmitted from the one or more categories of packets in a transmission time interval.

No. of Pages : 44 No. of Claims : 19

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

#### (43) Publication Date : 09/01/2015

#### (54) Title of the invention : FUEL EFFIECIENCY INCREASE IN INTERNAL COMBUSTION ENGINE BY MODIFYING THE WORKING CYCLES

		(71)Name of Applicant :
		1)SURESH PRABU V
(51) International classification	:F02D	Address of Applicant :S/O. VELLAIYANDI M, 19-NORTH
(31) Priority Document No	:NA	STREET, APPATHURAI VALADI[PO], LALGUDI[TK],
(32) Priority Date	:NA	TIRUCHIRAPALLI - 621 218 Tamil Nadu India
(33) Name of priority country	:NA	2)BHARATH K
(86) International Application No	:NA	3)RAJESH KRISHNAN N
Filing Date	:NA	4)RAMAKRISHNAN H
(87) International Publication No	: NA	5)SIVABALAN S
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor :
Filing Date	:NA	1)SURESH PRABU V
(62) Divisional to Application Number	:NA	2)BHARATH K
Filing Date	:NA	3)RAJESH KRISHNAN N
-		4)RAMAKRISHNAN H
		5)SIVABALAN S

#### (57) Abstract :

The increasing worldwide problem regarding rapid economic development and relative storage of fuel, the internal combustion engines consumes more fuels during its operation. In this invention by altering the power stroke through our modified working cycle, the fuel consumption of the engine and hazardous gas emission can be reduced. In our invention the opening and closing of the exhaust and inlet valve can be changed by means of combination of ECU and timing (CAM operation) system. Hence the four strokes per power cycle of an IC engine can be changed to eight Strokes per a working cycle. Hence number of crank rotation is increased two times greater than present engine. It result the increment in fuel efficiency, increase in mileage, complete combustion Cjf fuel which is more than present engine, reduction in emission of hazardous gas.

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

(22) Date of filing of Application :29/12/2014

#### (43) Publication Date : 09/01/2015

#### (54) Title of the invention : METHOD AND COMPUTING DEVICE FOR FACILITATING AND ESTABLISHING NETWORK CONNECTIVITY

<ul><li>(51) International classification</li><li>(31) Priority Document No</li></ul>	:NA	(71)Name of Applicant : 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)SANTHOSH KUMAR MOHAN NAIDU
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract :

Embodiments of the present disclosure disclose a method for facilitating and establishing network connectivity. The network connectivity is established by a first computing device which is capable of identifying network parameters of available network connections and broadcasting the network parameters. The first computing device receives connection request along with connection request parameters from second computing devices to establish connection with one of the available network connections. The first computing device determines which network connection can server the connection request parameters and then facilitates the available network connection to the second computing device. The second computing device establishes the network connections with the first computing device. The second computing device identifies which are first computing devices with their network parameters can serve the connection request parameters of the second computing device.

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

#### (19) INDIA

(22) Date of filing of Application :29/12/2014

(43) Publication Date : 09/01/2015

#### (54) Title of the invention : METHOD AND SYSTEM FOR TESTING A SOFTWARE (51) International classification :G06F (71)Name of Applicant : (31) Priority Document No :14/316,996 **1)WIPRO LIMITED** (32) Priority Date :27/06/2014 Address of Applicant :Doddakannelli, Sarjapur Road, (33) Name of priority country Bangalore 560035, Karnataka, India. :U.S.A. (86) International Application No (72)Name of Inventor : :NA **1)SOURAV SAM BHATTACHARYA** Filing Date :NA (87) International Publication No : NA (61) Patent of Addition to Application Number :NA Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

In one embodiment, a method of testing a software is disclosed. The method comprises: providing an input event to the software under test, wherein the software under test is associated with a time delay between an input event and an output event; identifying one or more discrete time instances based on the time delay between the input event and the output event; and testing the software under test by synthetically setting a clock to the one or more discrete time instances.

No. of Pages : 25 No. of Claims : 13

(19) INDIA

(22) Date of filing of Application :31/01/2014

(43) Publication Date : 09/01/2015

(51) International classification	:H04W48/10	(71)Name of Applicant :
(31) Priority Document No	:2012008010	1)NTT DOCOMO INC.
(32) Priority Date	:18/01/2012	Address of Applicant :11 1 Nagatacho 2 chome Chiyoda ku
(33) Name of priority country	:Japan	Tokyo 1006150 Japan
(86) International Application No	:PCT/JP2013/050952	(72)Name of Inventor :
Filing Date	:18/01/2013	1)TAKAHASHI Hideaki
(87) International Publication No	:WO 2013/108881	2)SAGAE Yuta
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.1 11 1	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(57) 11		

#### (54) Title of the invention : MOBILE COMMUNICATION METHOD AND MOBILE STATION

(57) Abstract :

In order to provide notification of an EARFCN of an equivalent band by means of a SIB5 while minimizing overhead increase a mobile communication method according to the present invention comprises: a step in which in a cell (1) a wireless base station eNB provides notification by means of an SIB5 of a band (2) and an equivalent band (21) that can be handled in a cell (2) neighboring the cell (1); and a step in which if a mobile station UE determines that the band (2) and the equivalent band (21) are not supported the mobile station UE deems access in the cell (2) to be prohibited.

No. of Pages : 25 No. of Claims : 2

(22) Date of filing of Application :22/09/2014

#### (43) Publication Date : 09/01/2015

## (54) Title of the invention : METHODS FOR CALCULATING A TOTAL KNOWLEDGE EXPLOITATION SCORE FOR A KNOWLEDGE ARTIFACT AND DEVICES THEREOF

(51) International classification	:G06Q	(71)Name of Applicant :
(31) Priority Document No	:NA	1)WIPRO LIMITED
(32) Priority Date	:NA	Address of Applicant :Doddakannelli, Sarjapur Road,
(33) Name of priority country	:NA	Bangalore 560035, Karnataka, India.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)SREENIVAS KUNAPULI
(87) International Publication No	: NA	2)ANURADHA PENTAREDDY
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method, non-transitory computer readable medium and device that calculates a total knowledge exploitation score for a knowledge artifact in a knowledge management system which comprises determining at the knowledge management data server device, a strategic positioning index for a knowledge artifact based on at least one of a market attractiveness index or a competitive position index. A financial positioning index for the knowledge artifact based on a conversational economic potential score is determined at the knowledge management data server device. Next a resource usage index for the knowledge artifact is determined based on at least one of an internal usage score or an external usage score. A total knowledge exploitation score for the knowledge artifact is then finally determined based on at least the calculated strategic positioning index, the determined financial positioning index and the determined resource usage index for the knowledge artifact in the knowledge management system.

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

(19) INDIA

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

(54) Litle of the invention : AN AIRBAG SYSTEM FOR A VEHICLE FRONT BODY		
<ul><li>(51) International classification</li><li>(31) Priority Document No</li><li>(32) Priority Date</li></ul>	:B60R :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)Daimler AG</li> <li>Address of Applicant :70546, Stuttgart, Germany</li> </ul>
<ul><li>(33) Name of priority country</li><li>(86) International Application No</li></ul>	:NA :NA	(72)Name of Inventor : 1)Parthiv SHAH
Filing Date (87) International Publication No	:NA : NA	2)Dr. Kalyan CHERUVU 3)Dr. Gopal Krishnan CHINNASWAMY
(61) Patent of Addition to Application Number Filing Date	:NA :NA	4)Mahendra KURKURI
(62) Divisional to Application Number Filing Date	:NA :NA	

### (54) Title of the invention : AN AIRBAG SYSTEM FOR A VEHICLE FRONT BODY

(57) Abstract :

An airbag system for a vehicle front body is provided. The system comprises an airbag in a deactivated condition, the airbag provided under a bonnet of the vehicle; at-least one inflator for inflating the airbag, and plurality of sensors provided on a front-end of a bumper of the vehicle, the sensors configured for detecting an impending collision with an object proximate to the vehicle, and generating a firing signal, the firing signal triggers a bonnet actuating mechanism to eject the bonnet to a raised position and triggers the inflator to inflate the airbag, the airbag inflates through the ejected bonnet and covers the vehicle front body.

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

(19) INDIA

(22) Date of filing of Application :30/12/2014

(43) Publication Date : 09/01/2015

#### (54) Title of the invention : SYSTEM FOR ENABLING DEBATE ONLINE ON A PLURALITY OF TOPICS

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(30) International Application Name</li> </ul>	:NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)NAIK Rajeev</li> <li>Address of Applicant :LaxmiPriyaa, Komarpanth wada,</li> <li>Kodibag, Karwar 581303 Karnataka, INDIA</li> </ul>
(86) International Application No Filing Date	:NA :NA	(72)Name of Inventor : 1)NAIK Rajeev
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A system for enabling debate online on a plurality of topics is provided. The system is configured to enable posting of a first entry relating to a topic online. The first entry may include a concept or a problem. The system is further configured to enable posting of subsequent entries, wherein the system makes it mandatory for each subsequent entry to be categorically tagged, by a user making the subsequent entry, indicating whether the subsequent entry is corroborating with the first entry or challenging the first entry.

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

(19) INDIA

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

#### (54) Title of the invention : ADJUSTABLE BREAKDOWN WARNING ALARM AND LIGHT LANTERN

		(71)Name of Applicant :
(51) International classification	:B60Q	1)P. JAYAKUMAR
(31) Priority Document No	:NA	Address of Applicant :SETHU INSTITUTE OF
(32) Priority Date	:NA	TECHNOLOGY, PULLOOR, KARIAPATTI - 626115 Tamil
(33) Name of priority country	:NA	Nadu India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)PARAMESWARAN JAYAKUMAR
(87) International Publication No	: NA	2)MOHAMED JALEEL SEENI MOHAIDEEN
(61) Patent of Addition to Application Number	:NA	3)MOHAMED JALEEL SEENI MOHAMED ALI
Filing Date	:NA	4)RANGARAJAN MURALIKANNAN
(62) Divisional to Application Number	:NA	5)CHELLASAMY JEYALASHMI
Filing Date	:NA	6)RAJENDRAN TAMILSELVI
		7)RAJENDRAN JAIKALAM

#### (57) Abstract :

This invention generally relates to Adjustable Breakdown Warning Alarm and Light Lantern used as warning system to take diversion for proceeding / following vehicles when a break down vehicle halt on the road side. In recent years, most of the highway accidents are happening due to hit behind the breakdown vehicle, the motorist are failed the notice the upfront halt vehicle due to lack of visibility and proper signage. Now a days in India some of the vehicle drivers are used stones and branch of trees as warning sign, which are placed behind the breakdown to avoid accident. All over the world the Traffic Police and transport authorities are to remind motorists to carry breakdown sign in their vehicles and to use it when necessary. Now the Motorist are Placing the reflective triangle breakdown sign at a distance of broken-down vehicle would not give adequate warning to other road users during raining, dust, temperature and it may fly away due to wind because that reflective triangle sign are small in size according to their small vehicle storage size. Hence to avoid the above problem, this invention i.e. Adjustable Breakdown Warning Alarm and Light Lantern, which are specially designed as foldable structure, easy to on-board, strong base support for wind resistance and to adapt in a variety of environment. Solar powered light emitting and reflective surface gives high brightness and it can tolerate the antioxidants, rain, dust and temperature curtains. The sound system also warns the nearing vehicle

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

### Publication After 18 Months:

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

(12) PATENT APPLICATION PUBLICATION	(21) Application No.1054/DELNP/2014 A
(19) INDIA	
(22) Date of filing of Application :13/02/2014	(43) Publication Date : 09/01/2015

#### (54) Title of the invention : ELECTRIC SUPPLY FOR A TRACTION VEHICLE

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application <ul> <li>Number</li> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application Number</li> <li>Eiling Date</li> </ul>	:1156743 :25/07/2011 :France :PCT/FR2012/051719 :19/07/2012 :WO 2013/014374 :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)EGIS RAIL <ul> <li>Address of Applicant :168 170 avenue Thiers F 69455 Lyon</li> </ul> </li> <li>Cedex 06 France <ul> <li>(72)Name of Inventor :</li> <li>1)DESSEAUX Eric</li> <li>2)PERRET Jean Paul</li> </ul> </li> </ul>
Filing Date	:NA	

(57) Abstract :

Supply system (10) forming an electric supply circuit in order starting from an alternating electric current to supply a rail traction vehicle (12) with a pantograph (14) for moving it along a track (16) comprising one or a plurality of sub stations (20) each forming a supply sector (24) comprising along a linear distribution zone (30): a contact wire (34) for transporting the electric current and transmitting it to the vehicle (12); a carrier cable (36) for the contact wire (34) by means of a hanging structure (38); a negative supply line (42) offset with respect to the contact wire (34) and the carrier cable (36) with electric potential in phase opposition with that of the contact wire (34); a positive supply line (44) offset with respect to the carrier cable (36) with electric potential identical to that of the contact wire (34) and the carrier cable (36); the negative supply line (42) being between the positive supply line (44) and a median geometric line (48) between the carrier cable (36) and the contact wire (34); the impedance of the electric supply circuit being reduced such that starting from a sub station (20) of the equipped track longer supply sectors (24) can be provided the distance between the sub stations (20) of the track thus equipped can be increased and the quality of the electric supply of the traction vehicle (12) moving on the track thus equipped is improved.

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

(22) Date of filing of Application :13/02/2014

(43) Publication Date : 09/01/2015

## (54) Title of the invention : FORMING PROCESS FOR HOT FORMING A STEEL SHEET OF A ROTOR BLADE TO BE PRODUCED FOR A WIND ENERGY PLANT

<ul><li>(51) International classification</li><li>(31) Priority Document No</li><li>(32) Priority Date</li><li>(33) Name of priority country</li></ul>	n:B21D53/78,F03D1/06,B21D22/02 :10 2011 080 497.8 :05/08/2011 :Germany	<ul> <li>(71)Name of Applicant :</li> <li>1)WOBBEN PROPERTIES GMBH Address of Applicant :Dreekamp 5 26605 Aurich Germany</li> <li>(72)Name of Inventor :</li> </ul>
<ul> <li>(86) International Application</li> <li>No</li> <li>Filing Date</li> <li>(87) International Publication</li> <li>No</li> </ul>	:PCT/EP2012/062927 :03/07/2012 :WO 2013/020757	1)VOIGT Burkhard 2)LABS Oliver 3)KERSTEN Roy
<ul> <li>(61) Patent of Addition to</li> <li>Application Number</li> <li>Filing Date</li> <li>(62) Divisional to Application</li> <li>Number</li> <li>Filing Date</li> </ul>	:NA :NA :NA :NA	

(57) Abstract :

The present invention relates to a forming process for hot forming a steel sheet (226) of a rotor blade (108) to be produced for a wind energy plant (100) comprising the steps of heating the steel sheet (226) in a furnace (202) while the steel sheet (226) lies on a shuttle (206) moving the heated steel sheet (226) with the shuttle (206) from the furnace (202) into a press apparatus (204) for hot forming transferring the heated steel sheet (226) in the press apparatus (204) from the shuttle (206) onto a mould carriage (208) having a counter mould (236) and pressing the steel sheet (226) by at least one press ram (232) which presses on the steel sheet (226) in such a way that the latter is formed between the press ram (232) and the counter mould (236) in particular assumes the form of the press ram (232) and of the counter mould (236).

No. of Pages : 42 No. of Claims : 28

#### (19) INDIA

(22) Date of filing of Application :14/02/2014

#### (43) Publication Date : 09/01/2015

#### (54) Title of the invention : PROJECTION DISPLAY

(51) International classification	:G02B27/00,G02B27/01,G02B27/42	(71)Name of Applicant : 1)BAE SYSTEMS PLC
(31) Priority Document No	:1114149.6	Address of Applicant :6 Carlton Gardens London SW1Y 5AD
(32) Priority Date	:17/08/2011	U.K.
(33) Name of priority countr	y:U.K.	(72)Name of Inventor :
(86) International Application No Filing Date	:PCT/GB2012/051972 :13/08/2012	1)SIMMONDS Michael David 2)VALERA Mohmed Salim
(87) International Publication No	<sup>1</sup> :WO 2013/024277	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

#### (57) Abstract :

The present invention provides a projection display (10) for projecting a colour image to a viewer (12) overlaid on a real world scene viewed through the display. The display comprises an image generator (16) for generating image bearing chromatic light for injection into a waveguide assembly (28) at a first range of field angles (44) and a second range of field angles (46). The waveguide assembly comprises a first waveguide (30) having a first input diffraction region (32) arranged to couple image bearing chromatic light in the first range of field angles into the first waveguide to propagate by total internal reflection; and a second waveguide (40) having a second input diffraction region (42) arranged to couple image bearing chromatic light in the second waveguide to propagate by total internal reflection. The first and second waveguides have first and second output diffraction regions (48 50) arranged to output image bearing chromatic light from the respective waveguides for projecting a colour image in the first and second range of field angles to a viewer overlaid on a real world scene viewed through the waveguide assembly.

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

(22) Date of filing of Application :13/02/2014

(43) Publication Date : 09/01/2015

# (54) Title of the invention : METHODS AND USES OF A MODIFIED CECROPIN FOR TREATING ENDOPARASITIC AND BACTERIAL INFECTIONS

<ul> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No</li> </ul>	:61/507366 :13/07/2011	<ul> <li>(71)Name of Applicant :</li> <li>1)PHYTERRA BIO INC. Address of Applicant :#103 550 University Avenue Box</li> <li>21147 Charlottetown Prince Edward Island C1A 9H6 Canada</li> <li>(72)Name of Inventor :</li> <li>1)CHOWDHURY Subrata</li> <li>2)HORNE Michael Thomas</li> </ul>
Filing Date (87) International Publication No		
Application Number	:NA :NA	
Application Number	:NA :NA	

## (57) Abstract :

The present disclosure provides a modified cecropin protein comprising a cecropin or a variant thereof fused to a hydrophilic tail lacking a C terminal glycine. The present disclosure also provides pharmaceutical compositions methods and uses of the modified cecropin protein or nucleic acid for treating or preventing endoparasites such as Plasmodium and bacteria.

No. of Pages : 72 No. of Claims : 23

(22) Date of filing of Application :14/02/2014

(43) Publication Date : 09/01/2015

# (54) Title of the invention : TOOL FOR HOLDING A TURBINE ENGINE PART INCLUDING A MEANS FOR ATTACHING AND IMMOBILISING THE PART AND AN ELEMENT TO BE ATTACHED TO SAID PART BY BRAZING OR WELDING

(51) International classification :B23K37/04,B23P15/04,B25B5/14		
(31) Priority Document No	:1157490	1)SNECMA
(32) Priority Date	:24/08/2011	Address of Applicant :2 boulevard du Gnral Martial Valin F
(33) Name of priority country	:France	75015 Paris France
(86) International Application	:PCT/FR2012/051912	(72)Name of Inventor :
No	:20/08/2012	1)JEHN Christophe
Filing Date	20/08/2012	2)NARA Sandra
(87) International Publication	:WO 2013/026984	3)CARLIN Maxime Fran§ois Roger
No	. WO 2015/020984	4)BOISARD Didier Christian
(61) Patent of Addition to	:NA	
Application Number	:NA	
Filing Date	.NA	
(62) Divisional to Application		
Number	:NA	
Filing Date	:NA	
•		

(57) Abstract :

The present application relates to a tool for holding a turbine engine part in order to attach a metal element (32 34) onto said part said tool including a first means (102 104) for immobilising the part and a second means for positioning the element (32 34) on a surface of the part said second means being removable and including a template (106 107) which is to be mounted onto a portion of the part and which comprises an opening for receiving and positioning the element and a means (108) for bearing on the element (32 34) in order to hold the latter against the surface of the part the peripheral edge of the opening of the template (106 107) comprising at least one notch through which a means for attaching the element onto the surface (32 34) by tack welding is to pass.

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

(22) Date of filing of Application :14/02/2014

(43) Publication Date : 09/01/2015

(54) Title of the invention : FRONT END MODULE FOR TIME DIVISION DUPLEX WITH CARRIER AGGREGATION (TDD CA)

(57) Abstract :

A front end module (185) for Time Division Duplex TDD with Carrier Aggregation CA wherein the front end module reuses the band selection filters (206 207) for the aggregated bands and provides switched connections to antenna (1.87 188 220) and transmitter/receiver (1.90 191 193 194 222 223) according to the Uplink/ Downlink configuration. The use of switches on both the antenna side and the transmitter receiver side of the front end module enables the reuse of the band selection filters. The front end module according to the present invention reduces the number of required filters to only one filter for each TDD CA Component Carrier CC band. Thus the front end module avoids unnecessary baud selection filters and thereby also controls the cost of implementation of front end modules in wireless units operating in the TDD CA mode.

No. of Pages : 50 No. of Claims : 15

(22) Date of filing of Application :14/02/2014

(43) Publication Date : 09/01/2015

# (54) Title of the invention : AGGREGATED CARRIER SYNCHRONIZATION AND REFERENCE SIGNAL TRANSMITTING AND RECEIVING METHODS AND APPARATUS

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International</li> <li>Application No <ul> <li>Filing Date</li> <li>(87) International Publication</li> </ul> </li> </ul>	:PCT/IB2012/053093 :19/06/2012	<ul> <li>(71)Name of Applicant :</li> <li>1)TELEFONAKTIEBOLAGET L M ERICSSON (PUBL) Address of Applicant :S 164 83 Stockholm Sweden</li> <li>(72)Name of Inventor :</li> <li>1)KOORAPATY Havish</li> <li>2)CHENG Jung Fu</li> <li>3)LARSSON Daniel</li> <li>4)FRENNE Mattias</li> <li>5)GERSTENBERGER Dirk</li> <li>6)BALDEMAIR Robert</li> </ul>
<ul> <li>(61) Patent of Addition to</li> <li>Application Number</li> <li>Filing Date</li> <li>(62) Divisional to</li> <li>Application Number</li> <li>Filing Date</li> </ul>	:NA :NA :NA :NA	

## (57) Abstract :

A node (1120) of a wireless network (1130) transmits (210) information to a user equipment (1110) over an aggregated earlier that includes a primary carrier having a first set of primary carrier time/frequency resources and a secondary carrier having a second set of secondary carrier time/frequency resources. Synchronization signals and/or reference symbols are transmitted (220) to the user equipment on the secondary carrier less often than on the primary carrier. An indication of when and/or how often the synchronization signals and/or reference symbols will be transmitted to the user equipment on the secondary carrier may also be transmitted (230) to the user equipment over the primary carrier. By transmitting synchronization signals and/or reference symbols to the user equipment on the secondary carrier less often than on the primary carrier resources of the secondary carrier may be conserved energy efficiency of the secondary carrier may be increased and/or interference with other cells may be reduced or prevented.

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

(19) INDIA

(22) Date of filing of Application :13/02/2014

(43) Publication Date : 09/01/2015

(54) Title of the invention : ULTRA LOW POWER DATA DRIVEN NETWORKING PROCESSING DEVICE FOR AVOIDING OVERLOAD

<ul><li>(51) International classification</li><li>(31) Priority Document No</li><li>(32) Priority Date</li><li>(33) Name of priority country</li></ul>	:G06F15/82 :2011157238 :15/07/2011 :Japan	<ul> <li>(71)Name of Applicant :</li> <li>1)UNIVERSITY OF TSUKUBA</li> <li>Address of Applicant :1 1Tennodai 1 chome Tsukuba shi</li> <li>Ibaraki 3058577 Japan</li> </ul>
(86) International Application No Filing Date	:PCT/JP2012/004420 :09/07/2012	2)KOCHI UNIVERSITY OF TECHNOLOGY 3)TOKAI UNIVERSITY
(87) International Publication No	:WO 2013/011653	(72)Name of Inventor :
(61) Patent of Addition to Application Number Filing Date	:NA :NA	1)NISHIKAWA Hiroaki 2)SANNOMIYA Shuji 3)IWATA Makoto
(62) Divisional to Application Number Filing Date	:NA :NA	4)ISHII Hiroshi 5)UTSU Keisuke

## (57) Abstract :

The present invention is provided with: a data driven processor (21) comprising at least a firing control (32) which determines whether or not firing conditions have been met by determining whether or not all packets necessary for instruction execution have been received when a packet in which data to be processed has been partitioned has been input and a data processing unit (37) for performing processing corresponding to the packets transmitted from the firing control (32) if the firing conditions have been met; a power supply circuit (57) for supplying power to the data driven processor (21); and overload avoidance means (23) which on the basis of current consumption (Iss) in the data driven processor (21) refuses input of the packets to the data driven processor (21) if a determination has been made that a data processing load in the data driven processor (21) may reach an overloaded state in which the data processing may stall. Accordingly power consumption in a networking system (S) is reduced.

No. of Pages : 36 No. of Claims : 6

(22) Date of filing of Application :13/02/2014

(43) Publication Date : 09/01/2015

# (54) Title of the invention : SEMICONDUCTOR DEVICE AND METHOD FOR MANUFACTURING SAME

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application</li> </ul>	:NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)TOYOTA JIDOSHA KABUSHIKI KAISHA Address of Applicant :1 Toyota cho Toyota shi Aichi 4718571 Japan</li> <li>(72)Name of Inventor :</li> <li>1)MIZUNO Yoshihito</li> </ul>
No Filing Date	:07/09/2011	
(87) International Publication No	:WO 2013/035173	
(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 semiconductor device that is provided with: a semiconductor substrate; a composite metal film which is formed on the front surface or the rear surface of the semiconductor substrate and has a first metal film and a second metal film bonded to the first metal film said second metal film having a Seebeck coefficient different from that of the first metal film; and a detecting terminal that can detect a difference between potential of the first metal film and that of the second metal film.

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

(19) INDIA

(22) Date of filing of Application :14/02/2014

### (43) Publication Date : 09/01/2015

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<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> </ul>	:G08B21/04,G08B13/10 :11/02512 :12/08/2011 :France :PCT/FR2012/000327 :02/08/2012 :WO 2013/024212 :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)APTIM <ul> <li>Address of Applicant :Les Communs Route De La Monnerie</li> </ul> </li> <li>27180 Saint Sbastien de Morsent France <ul> <li>2)CSP CONSEIL</li> </ul> </li> <li>(72)Name of Inventor : <ul> <li>1)DESGORCES Claude</li> <li>2)HENAULT Dominique</li> </ul> </li> </ul>
(33) Name of priority country	:France	27180 Saint Sbastien de Morsent France
0		
(61) Patent of Addition to Application Number Filing Date	:NA :NA	2)HENAULT Dominique
(62) Divisional to Application Number Filing Date	:NA :NA	

## (54) Title of the invention : IMPROVED FLOOR COVERING

(57) Abstract :

A floor covering comprises: a surface layer (4) comprising a plurality of conductive segments (12) suitable for being powered electrically; an at least partially electrically insulating intermediate layer (6) comprising a plurality of holes (14) distributed in a substantially regular manner in such a way that the average distance between a hole (14) and the hole (14) closest thereto is between approximately 5 cm and 20 cm; and a base layer (8) comprising a plurality of electrical contacts (16) at least some of which correspond to the holees (14) of the surface layer (4) and are connected to an electronic controller (10). The surface layer (4) the intermediate layer (6) and the base layer (8) are arranged one on top of the other in this order and are positioned in such a way that at least some of the conductive segments (12) are arranged at least partially facing a hole (14) of the intermediate layer (6) and that these conductive segments (12) react to a pressure by approaching the corresponding electrical contacts (16) of the base layer (8) the electronic controller (10) being also arranged so as to selectively emit a warning signal depending on a condition comprising the number of conductive elements (16) to which it is connected which are close to a conductive segment (12).

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

(22) Date of filing of Application :14/02/2014

(43) Publication Date : 09/01/2015

# (54) Title of the invention : LEVOMILNACIPRAN DRUG FOR FUNCTIONAL REHABILITATION AFTER AN ACUTE NEUROLOGICAL STROKE

<ul><li>(51) International classification</li><li>(31) Priority Document No</li><li>(32) Priority Date</li><li>(33) Name of priority country</li></ul>	1:A61K31/165,A61P9/00,A61P9/10 1156917 1:28/07/2011 France	<ul> <li>(71)Name of Applicant :</li> <li>1)PIERRE FABRE MEDICAMENT         Address of Applicant :45 place Abel Gance F 92100 Boulogne     </li> <li>Billancourt France</li> </ul>
<ul> <li>(86) International Application</li> <li>No</li> <li>Filing Date</li> <li>(87) International Publication</li> </ul>	:PCT/EP2012/064764 :27/07/2012 :WO 2013/014263	(72)Name of Inventor : 1)SOKOLOFF Pierre
No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number	:NA :NA :NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to the use of levomilnacipran as a drug in functional recovery after a cerebrovascular accident or head trauma. The pharmaceutical compositions containing levomilnacipran are strictly those in which the

levomilnacipran/dextromilnacipran mixture does not contain more than 5 wt % of dextromilnacipran so as to not risk compromising functional recovery due to the alpha blocking property of the dextromilnacipran.

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

(21) Application No.1049/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :13/02/2014

(43) Publication Date : 09/01/2015

(51) International classification	:B21C47/14	(71)Name of Applicant :
(31) Priority Document No	:13/217404	1)SIEMENS INDUSTRY INC.
(32) Priority Date	:25/08/2011	Address of Applicant :3333 Old Milton Parkway Alpharetta
(33) Name of priority country	:U.S.A.	Georgia 30005 4437 U.S.A.
(86) International Application No	:PCT/US2012/049816	(72)Name of Inventor :
Filing Date	:07/08/2012	1)TITUS David G.
(87) International Publication No	:WO 2013/028345	2)DAUPHINAIS Raymond P.
(61) Patent of Addition to Application Number	:NA	3)MOORE Daryl L.
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(57) All at rest to		•

# (54) Title of the invention : REPLACEABLE WEAR ELEMENT FOR ROLLING MILL LAYING HEAD

(57) Abstract :

Selectively replaceable wear elements for rolling mill laying heads. One replaceable wear element (110) forms the end ring (90) guide surface and is installed within the end ring inner diameter without removing the guide ring from the laying head. A plurality of wear element bodies (112 114) may be installed about one or more portions of the end ring guide surface inner diameter. Size configuration and material properties of the end ring guide surface wear element bodies (112 114) may vary for different sections within the ring guide inner diameter. Another replaceable wear element is a tripper paddle that forms a laying head tripper mechanism guide surface. The tripper paddle and guide surface wear element bodies are replaceable external the end ring without removing the end ring or tripper mechanism from the laying head.

No. of Pages : 50 No. of Claims : 20

(22) Date of filing of Application :13/02/2014

(43) Publication Date : 09/01/2015

# (54) Title of the invention : PRODUCTION METHOD AND TOOL FOR PRODUCING AN EQUIPMENT PART AND EQUIPMENT PART FOR A VEHICLE

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application <ul> <li>Number</li> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application Number <ul> <li>Filing Date</li> </ul> </li> </ul>	:B29C63/02,B60R13/02 :10 2011 111 058.9 :24/08/2011 :Germany :PCT/EP2012/062989 :04/07/2012 :WO 2013/026610 :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)JOHNSON CONTROLS INTERIORS GMBH &amp; CO. KG Address of Applicant :M¼lhausener Strae 35 47929 Grefrath Germany</li> <li>(72)Name of Inventor :</li> <li>1)MAI Manfred</li> <li>2)GALAN Jesus</li> <li>3)ACEDO Francisco</li> <li>4)KERKHOFF Dieter</li> <li>5)SCHR–DER Bruno</li> <li>6)GRUN Christoph</li> <li>7)SILVA Norberto</li> <li>8)WEBER Robert</li> </ul>
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(57) Abstract :

The invention relates to a method for producing an equipment part (1). According to the invention the equipment part (1) is provided with a decorative skin (2) at least in some sections wherein the decorative skin (2) is integrated with at least two differently colored and/or different structured material regions (2.1 2.2) that are adjacent to one another along a separating line (3) wherein the separating line (3) of the material regions (2.1 2.2) of the decorative skin (2) that are adjacent to one another is oriented in correspondence with a recess (12) of the equipment part (1) substantially pointing away from the visible side and then deepens into the recess (12) of the equipment part (1) in a form closed manner in the area of the separating line (3) and is fastened in a bonded manner. The invention further relates to a tool for producing an equipment part (1). The invention further relates to an equipment part (1) for arrangement in a vehicle.

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

(21) Application No.1086/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :13/02/2014

(43) Publication Date : 09/01/2015

(51) International classification	:B31B1/00	(71)Name of Applicant :
(31) Priority Document No	:61/510894	1)PACKSIZE LLC
(32) Priority Date	:22/07/2011	Address of Applicant :6440 South Wasatch Boulevard Salt
(33) Name of priority country	:U.S.A.	Lake City UT 84121 U.S.A.
(86) International Application No	:PCT/US2012/047562	(72)Name of Inventor :
Filing Date	:20/07/2012	1)PETTERSSON Niklas
(87) International Publication No	:WO 2013/016176	2)OSTERHOUT Ryan
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.117	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

# (54) Title of the invention : TILING PRODUCTION OF PACKAGING MATERIALS

(57) Abstract :

The present invention extends to methods machines systems and computer program products for producing multiple packaging products in a tiled configuration within source production material enabling production of multiple packaging products in parallel. Embodiments include accessing item data identifying items that are to be packaged and determining packaging requirements for each item. A pair of box sizes that satisfy the packaging requirements are selected for tiled production. A packaging production machine to be used is also selected. Selection of the box sizes and/or the packaging production machine is based on a collective analysis of packaging requirements packing system characteristics and packaging machine characteristics. Based on the collective analysis it is determined how to allocate box production to the production machine and the pair of box sizes is matched to the production machine. Box production instructions are generated and sent to the packaging production machine.

No. of Pages : 53 No. of Claims : 20

(22) Date of filing of Application :14/02/2014

(43) Publication Date : 09/01/2015

(54) Title of the invention : SEMI PERMANENT TOOL COATING ENHANCEMENT FOR EXTENDED NUMBER OF RELEASES

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application <ul> <li>Number</li> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application Number</li> <li>Filing Date</li> </ul>	:B29C33/64 :61/523783 :15/08/2011 :U.S.A. :PCT/US2012/050859 :15/08/2012 :WO 2013/025752 :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)JOHNSON CONTROLS TECHNOLOGY COMPANY Address of Applicant :915 E. 32nd Street Holland Michigan 49423 U.S.A.</li> <li>(72)Name of Inventor :</li> <li>1)MCEVOY James</li> <li>2)LI William W.</li> <li>3)MCCLARREN Patricia</li> </ul>
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(57) Abstract :

A mold release agent having an extended life and methods for making and using the same are provided. The extended life mold release agent may include a first material (40) configured to be placed in direct physical contact with a surface (24) of a mold cavity (18) to seal the surface. The extended life mold release agent may also include a second material (24) configured to coat the first material to protect the first material during a foam production process performed within the mold cavity. The second material includes a siloxane oil.

No. of Pages : 28 No. of Claims : 31

(22) Date of filing of Application :13/02/2014

(43) Publication Date : 09/01/2015

# (54) Title of the invention : METHOD FOR CONTROLLING A FLOW SURROUNDING THE WHEEL OF A MOVING VEHICLE AND DEVICE FOR THE IMPLEMENTATION THEREOF

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to</li> </ul>	:PCT/RU2011/000575 :01/08/2011 :WO 2013/019138	<ul> <li>(71)Name of Applicant :</li> <li>1)BOKAREV Sergey Fiodorovich Address of Applicant :ul. Zaozernaya 17 Popovka Ramenskyi r n Moskovskaya obl. 140101 Russia</li> <li>(72)Name of Inventor :</li> <li>1)BOKAREV Sergey Fiodorovich</li> <li>2)KONOVALOV, Vladimir Alekseevich</li> </ul>
Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	<sup>h</sup> :NA :NA	

# (57) Abstract :

The group of inventions relates to vehicle wheels. The method for controlling a flow surrounding the wheel of a moving vehicle consists of arranging rotary spoilers that interact with an incident flow on the disc of a wheel assembly along a circular trajectory the centre of which coincides with the centre of rotation of the hub. An aerodynamic force in the form of downforce is generated downward by the motion of the rotary spoilers along a cycloidal curve in a direction determined by the elements of the suspension of the wheel. The redirected incident flow is used to cool the components of the brakes of the wheel. The device for controlling a flow surrounding the wheel of a moving vehicle includes a wheel assembly consisting of a housing and a hub on which spindles are mounted along a circular trajectory at equal angular distances parallel to the axis of rotation of the hub each spindle having rotary spoilers hingedly mounted thereon to which magnetically conductive inserts are affixed. A disc is rigidly mounted on the housing and has guides fastened thereto in the form of circular tracks consisting of electromagnets that interact with the magnetic inserts of the rotary spoilers independently on each wheel. The group of inventions is aimed at enhancing safety by generating downforce on the unsprung mass of the wheel assembly.

No. of Pages : 18 No. of Claims : 9

(19) INDIA

(22) Date of filing of Application :14/02/2014

(43) Publication Date : 09/01/2015

(51) International classification	:H02J3/36	(71)Name of Applicant :
(31) Priority Document No	:13/185862	1)ZBB ENERGY CORPORATION
(32) Priority Date	:19/07/2011	Address of Applicant :N93 W14475 Whittaker Way
(33) Name of priority country	:U.S.A.	Menomonee Falls WI 53051 U.S.A.
(86) International Application No	:PCT/US2012/046996	(72)Name of Inventor :
Filing Date	:17/07/2012	1)DENNIS Kevin
(87) International Publication No	:WO 2013/012831	2)RAASCH Michael
(61) Patent of Addition to Application	:NA	3)VANG Der
Number	:NA	
Filing Date	.11A	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(57) Ale stress to		

# (54) Title of the invention : METHOD AND APPARATUS FOR CONTROLLING A HYBRID POWER SYSTEM

(57) Abstract :

The present invention provides a simplified method of controlling power among the various sources and loads in a power system. Power generating sources are each connected to a common DC bus through a converter. The converter selectively transfers energy to the DC bus at a maximum rate or at a reduced rate according to the level of the DC voltage present on the DC bus. At least one storage device is preferably connected to the common DC bus through a power regulator. The power regulator selectively transfers energy to or from the DC bus as a function of DC voltage level present on the DC bus. Further an inverter may be provided to bidirectionally convert between the DC voltage and an AC voltage for connection to a customer load or the utility grid. Each power conversion device is independently controlled to provide a modular and simplified power control system.

No. of Pages : 41 No. of Claims : 20

(22) Date of filing of Application :17/02/2014

(43) Publication Date : 09/01/2015

# (54) Title of the invention : BEAD COLLECTION DEVICE AND METHOD

<ul><li>(51) International</li><li>classification</li><li>(31) Priority Document No</li></ul>	:B01D33/00,B01D33/15,B01D21/24 :1113007.7	<ul> <li>(71)Name of Applicant :</li> <li>1)Q CHIP LIMITED</li> <li>Address of Applicant :36a Park Place Cardiff South</li> </ul>
(32) Priority Date	:28/07/2011	Glamorgan CF10 3BB U.K.
(33) Name of priority country	y:U.K.	(72)Name of Inventor :
<ul> <li>(86) International</li> <li>Application No</li> <li>Filing Date</li> <li>(87) International Publication</li> </ul>	:PCT/GB2012/051817 :27/07/2012	1)PALMER Daniel David 2)SHADICK Owen Lesley 3)BARTLEY Stuart James 4)JOHN Brynmor Alexander
(87) International Publication	<sup>1</sup> :WO 2013/014466	4)JOHN Brynnor Alexander
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A device is provided for separating beads from a carrier fluid the device comprising: a bead receiving means for receiving beads dispersed in a carrier fluid a fluid removal means operable to remove fluid from the bead receiving means in a first fluid removal zone by the application of reduced pressure and a bead collection means operable to remove beads from the bead receiving means in a bead collection zone by the application of reduced pressure the bead receiving means being movable so that beads are movable from the first fluid removal zone.

No. of Pages : 33 No. of Claims : 35

(19) INDIA

(22) Date of filing of Application :17/02/2014

### (43) Publication Date : 09/01/2015

(54) Title of the invention : STEERING ANGLE SENSOR			
<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application</li> <li>No</li> <li>Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to</li> <li>Application Number</li> <li>Filing Date</li> <li>(62) Divisional to Application</li> <li>Number</li> <li>Filing Date</li> </ul>	:G01B7/30,B62D1/16,G01D5/14 :2011180599 :22/08/2011 :Japan :PCT/JP2012/067597 :10/07/2012 o:WO 2013/027506 :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)Bosch Corporation Address of Applicant :6 7 Shibuya 3 chome Shibuya ku Tokyo 1508360 Japan</li> <li>(72)Name of Inventor :</li> <li>1)ICHIKAWA Yuya</li> <li>2)ETO Masaya</li> <li>3)ISHIMASA Takeshi</li> </ul>	

(57) Abstract :

Provided is a steering angle sensor which can generate steering wheel rotation angle information with good accuracy by a reduction of the effect of rotation angle errors that occur in a first driven gear and a second driven gear depending on the roundness of a ring shaped driving gear. A steering angle sensor which is provided with a ring shaped driving gear that rotates with the rotation of the steering wheel and a first driven gear and a second driven gear which are each provided with a magnet and are driven and rotated according to the rotation of the ring shaped driving gear the steering angle sensor being for generating steering wheel rotation angle information from magnetic field changes due to the rotation of the first driven gear and the second driven gear. In the steering angle sensor an intermediate gear which engages with the ring shaped driving gear the first driven gear and the second driven gear is interposed between the several gears.

No. of Pages : 24 No. of Claims : 7

(21) Application No.1058/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :13/02/2014

(43) Publication Date : 09/01/2015

(51) International classification	:E01H1/05,E01H1/08	(71)Name of Applicant :
(31) Priority Document No	:NA	1)VANDERLINDEN Roger
(32) Priority Date	:NA	Address of Applicant :1100 Burloak Drive Suite 300
(33) Name of priority country	:NA	Burlington Ontario L7L 6B2 Canada
(86) International Application No	:PCT/CA2011/000912	(72)Name of Inventor :
Filing Date	:09/08/2011	1)VANDERLINDEN Roger
(87) International Publication No	:WO 2013/020202	
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		1

# (54) Title of the invention : DUST CAPTURING GUTTER BROOM ASSEMBLY

(57) Abstract :

A dust capturing gutter broom assembly comprises gutter broom mounted for rotation about a gutter broom axis. A gutter broom shroud is mounted in surrounding relation to the gutter broom. An air outlet in the gutter broom shroud permits the egress of dust laden air from the gutter broom shroud. A fan is connected in air flow relation with an air outlet of the gutter broom shroud for causing the ancillary volume of dust laden air to egress from the gutter broom shroud via the air outlet to be filtered by a gutter broom filter. A broom presenting side opening permits said gutter broom to sweep against a lateral surface and a debris receiving front opening for permitting ingress of debris into the substantially hollow interior of the gutter broom shroud. A movable member is operatively mounted on the gutter broom shroud for selectively altering the size of the debris receiving front opening.

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

(22) Date of filing of Application :13/02/2014

(43) Publication Date : 09/01/2015

# (54) Title of the invention : LUMINOUS GLAZING UNIT FOR VEHICLE MANUFACTURE THEREOF

classification:G02B6/00,B32B1//10,F21W101/00(31) Priority Document No:1157012(32) Priority Date:29/07/2011(33) Name of priority country:France(77)(86) International Application No:PCT/FR2012/051793:30/07/2012	<ul> <li>(71)Name of Applicant :</li> <li>1)SAINT GOBAIN GLASS FRANCE Address of Applicant :18 avenue dAlsace F 92400 Courbevoie France </li> <li>(72)Name of Inventor : <ul> <li>1)RICHARD Alexandre</li> <li>2)GRANDGIRARD Bastien</li> <li>3)VERRAT DEBAILLEUL Ad Ie</li> <li>4)KLEO Christophe</li> </ul> </li> </ul>
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# (57) Abstract :

The present invention relates to a luminous glazing unit (100) for a vehicle comprising: a first pane made of organic or mineral glass (1) having a first main face (11) a second main face (12) and an edge face (10); a diode holder the diodes facing an edge of the second face (12) called the injection face of the first pane; means for extracting the guided light; a cap (4) covering the diodes the cap being fluid tight especially to liquid water and even water vapour; the cap (4) is prominent with respect to the second face being associated with an interfacial element in order to seal the interface against fluid(s) and/or the diode holder at least is provided with at least one layer for protecting from moisture and/or an encapsulation such as a silicone epoxy or acrylic resin.

No. of Pages : 47 No. of Claims : 17

(22) Date of filing of Application :14/02/2014

(43) Publication Date : 09/01/2015

# (54) Title of the invention : HOLDER WITH AN INTERIOR SPACE FOR ACCOMMODATING A FLUID MATERIAL

(51) International classification	:B65D75/58,B65D75/32,B65D77/20	(71)Name of Applicant : 1)TRENDZPAK LTD.
(31) Priority Document No	:2007144	Address of Applicant :Lot 42 Jalan Muhlbah 87000 Labuan
(32) Priority Date	:19/07/2011	FT Malaysia
(33) Name of priority country	/:Netherlands	(72)Name of Inventor :
<ul> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:PCT/NL2012/050502 :12/07/2012	1)WILLEMSEN Louis Rinze Henricus Adrianus

(57) Abstract :

The invention relates to a holder (1) with an interior space for accommodating a quantity of a fluid material. The holder comprises a holder body (2) with a bottom (4) and a circumferential wall (6) that adjoins at least part of the circumference of the bottom. The holder further comprises a closing element (8) such as a sealing foil which is arranged at a side of the holder body facing away from the bottom. The closing element and the bottom enclose an angle (10) not equal to zero with one another at least in the unopened state the holder. An outlet opening (5) can be provided in the holder.

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

(12) PATENT APPLICATION PUBLICATION	
(19) INDIA	

(22) Date of filing of Application :17/02/2014

## (43) Publication Date : 09/01/2015

(54) Title of the invention : PUSH PIN CAVITY SEALER			
<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application</li> <li>No <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication</li> <li>No</li> <li>(61) Patent of Addition to</li> <li>Application Number <ul> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application</li> <li>Number <ul> <li>Filing Date</li> </ul> </li> </ul>	a :F16B19/00,F16B21/08,F16J15/00 :61/523623 :15/08/2011 :U.S.A. :PCT/US2012/050901 :15/08/2012 :WO 2013/025778 :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)ZEPHYROS INC. Address of Applicant :160 Mclean Drive Romeo MI 48065 U.S.A.</li> <li>(72)Name of Inventor :</li> <li>1)QUADERER Dean</li> <li>2)WHITE Eric N.</li> </ul>	

(57) Abstract :

A method for baffling and/or sealing a cavity by providing a unitary structure (10) including a sealing body (12) with an integrated fastener (14) the sealing body comprising a plurality of surfaces and a non rigid expandable material and the fastener comprising a rigid material different from the material of the sealing body.

No. of Pages : 16 No. of Claims : 18

(21) Application No.1153/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :17/02/2014

(43) Publication Date : 09/01/2015

(51) International classification	:A45D44/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)LOREAL
(32) Priority Date	:NA	Address of Applicant :14 RUE ROYALE PARIS 75008
(33) Name of priority country	:NA	France
(86) International Application No	:PCT/JP2011/070308	(72)Name of Inventor :
Filing Date	:31/08/2011	1)YOSHIOKA Nariyoshi
(87) International Publication No	:WO 2013/031029	2)SUDA Mari
(61) Patent of Addition to Application	:NA	3)NI Saijuan
Number	:NA :NA	
Filing Date	.NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
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## (54) Title of the invention : FOLDED SHEET FOR COSMETIC TREATMENTS

(57) Abstract :

The present invention relates to a folded sheet (1) for cosmetic treatments comprising a main body and at least three open edges (1a 1b 1c) wherein the open edges (1a 1b 1c) are formed by folding the sheet (1) at least three times at least one of the open edges (1a 1b 1c) projects from the main body and two of the open edges have a maximum width in a direction perpendicular to a longitudinal or horizontal center line of the sheet. The present invention is useful because it is easy to unfold and can be applied onto the skin in particular the face even if the sheet is wet and has no tab.

No. of Pages : 28 No. of Claims : 15

(19) INDIA

(22) Date of filing of Application :14/02/2014

(43) Publication Date : 09/01/2015

# (54) Title of the invention : A PROCESS FOR PRODUCING A CARBOXYLIC ACID

<ul><li>(51) International classification</li><li>(31) Priority Document No</li><li>(32) Priority Date</li></ul>	:C07D 239/91 :60/606,689 :02/09/2004	<ul> <li>(71)Name of Applicant :</li> <li>1)GRUPO PETROTEMEX, S.A. DE C.V. Address of Applicant :RICARDO MARGAIN NO. 444,</li> </ul>
(33) Name of priority country	:U.S.A.	TORRE SUR, PISO 16 COL VALLE DEL CAMPESTRE 66265
(86) International Application No		SAN PEDRO GARZA GARCIA, NUEVO LEON (81) 8748
Filing Date (87) International Publication No	:29/08/2005 :WO 2005/123696	1500, MEXICO (72)Name of Inventor :
(61) Patent of Addition to Application Number Filing Date	:NA :NA	<ul> <li>(72)Name of inventor :</li> <li>1)ALAN GEORGE WONDERS</li> <li>2)MARCEL DE REEDE</li> <li>3)LEE REYNOLDS PARTIN</li> </ul>
(62) Divisional to Application Number Filed on	:347/DELNP/2007 :12/01/2007	4)WAYNE SCOTT STRASER

(57) Abstract :

The invention relates to chemical compounds of the formula (I): or pharmaceutically acceptable salts thereof, which posses B Raf inhibitory activity and are accordingly useful for their anti cancer activity and thus in methods of treatment of the human or animal body. The invention also relates to processes for the manufacture of said chemical compounds, to pharmaceutical compositions containing them and to their use in the manufacture of medicament of use in the production of an anti-cancer effect in a warm blooded animal such as man.

No. of Pages : 181 No. of Claims : 25

(19) INDIA

(22) Date of filing of Application :14/02/2014

(43) Publication Date : 09/01/2015

# (54) Title of the invention : A PROCESS COMPRISING INTRODUCING AN OXIDANT STREAM

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> </ul>	:C07C 51/265 :60/606737 :02/09/2004 :U.S.A.	<ul> <li>(71)Name of Applicant :</li> <li>1)GRUPO PETROTEMEX, S.A. DE C.V. Address of Applicant :RICARDO MARGAIN NO. 444, TORRE SUR, PISO 16 COL VALLE DEL CAMPESTRE 66265</li> </ul>
<ul> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> </ul>		SAN PEDRO GARZA GARCIA, NUEVO LEON (81) 8748 1500, MEXICO (72) <b>Name of Inventor :</b>
<ul> <li>(61) Patent of Addition to Application</li> <li>Number</li> <li>Filing Date</li> <li>(62) Divisional to Application Number</li> <li>Filed on</li> </ul>	:NA :NA :448/DELNP/2007 :17/01/2007	<ul> <li>(72)Name of inventor .</li> <li>1)ALAN GEORGE WONDERS</li> <li>2)WAYNE SCOTT STRASSER</li> <li>3)MARCEL DE VREEDE</li> <li>4)JAMES THOMAS TIDWELL</li> </ul>

(57) Abstract :

The invention relates to chemical compounds of the formula (I): or pharmaceutically acceptable salts thereof, which posses B Raf inhibitory activity and are accordingly useful for their anti cancer activity and thus in methods of treatment of the human or animal body. The invention also relates to processes for the manufacture of said chemical compounds, to pharmaceutical compositions containing them and to their use in the manufacture of medicament of use in the production of an anti-cancer effect in a warm blooded animal such as man.

No. of Pages : 179 No. of Claims : 13

(21) Application No.1123/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :14/02/2014

(43) Publication Date : 09/01/2015

#### (54) Title of the invention : METHOD FOR SAFELY AND ECONOMICALLY OPERATING AN ELECTROLYSER (51) International classification :C25B15/02 (71)Name of Applicant : (31) Priority Document No :10 2011 107 935.5 1)THYSSENKRUPP UHDE GMBH Address of Applicant :Friedrich Uhde Str. 15 44141 Dortmund (32) Priority Date :19/07/2011 (33) Name of priority country :Germany Germany :PCT/EP2012/002786 (72)Name of Inventor : (86) International Application No Filing Date :03/07/2012 1)KIEFER Randolf (87) International Publication No :WO 2013/010630 2)B.,UMER Ulf Steffen (61) Patent of Addition to Application **3)WAGNER Dietmar** :NA Number **4)STREITB-RGER Michael** :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

The invention relates to a method for determining a safe and economic voltage operating range dependent on current density and/or a specific energy consumption operating range of a cell element (2) of an electrolyser (1). In order to provide a method which leads to improved voltage results and/or specific energy consumption results the invention proposes that the voltage operating range and/or specific energy consumption operating range is determined depending on an operating parameter associated with the cell element (2).

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

(22) Date of filing of Application :17/02/2014

## (43) Publication Date : 09/01/2015

#### (54) Title of the invention : TOOTH WHITENING STRIP (51) International classification :A61K8/02,A61K8/22,A61K8/73 (71)Name of Applicant : (31) Priority Document No 1)COLGATE PALMOLIVE COMPANY :NA (32) Priority Date Address of Applicant :300 Park Avenue New York New York :NA (33) Name of priority country 10022 U.S.A. :NA (86) International Application (72)Name of Inventor : :PCT/US2011/051546 1)BOYD Thomas No :14/09/2011 Filing Date 2)XU Guofeng (87) International Publication No:WO 2013/039495 **3)ADAMS Richard** (61) Patent of Addition to **4)PIERCE Robert** :NA Application Number 5)MILLER Steven :NA Filing Date 6)VISCIO David (62) Divisional to Application :NA Number :NA Filing Date

(57) Abstract :

Described herein are tooth whitening strips comprising a hydratable adhesive film with a first side and a second side the first side having a granular bleaching ingredient attached thereto in an amount effective to whiten teeth together with methods of making and using the same.

No. of Pages : 18 No. of Claims : 24

(19) INDIA

(22) Date of filing of Application :17/02/2014

### (43) Publication Date : 09/01/2015

		7
(51) International classification	:A46B9/04	(71)Name of Applicant :
(31) Priority Document No	:NA	1)COLGATE PALMOLIVE COMPANY
(32) Priority Date	:NA	Address of Applicant :300 Park Avenue New York NY 1002
(33) Name of priority country	:NA	U.S.A.
(86) International Application No	:PCT/CN2011/001555	(72)Name of Inventor :
Filing Date	:14/09/2011	1)JI Yanmei
(87) International Publication No	:WO 2013/037085	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

# (54) Title of the invention : TOOTHRBUSH

(57) Abstract :

The present invention is directed to a toothbrush (100) that incorporates tapered bristle filaments (141) in combination with tuft holes (142) of a reduced size such as between 1.3 mm to 1.4 mm in diameter. In another aspect the invention provides a toothbrush (100) that balances the number of tuft holes (142) and the number (X) of tapered bristle filaments (141) within each tuft hole (142) to achieve a unique ratio that reduces the cost of manufacture of the toothbrush (100) while maintaining a mouth feel that consumers associate with a quality product. In still another aspect the present invention provides a toothbrush (100) that incorporates tapered bristle filaments (141) and also achieves a balance between the perimeter of reduced size tuft holes (142) and the spacing between adjacent tuft holes (142) to achieve a unique ratio that reduces the cost of manufacture of the toothbrush (100) while maintaining a mouth feel that consumers associate with a quality product. In still another aspect the perimeter of reduced size tuft holes (142) and the spacing between adjacent tuft holes (142) to achieve a unique ratio that reduces the cost of manufacture of the toothbrush (100) while maintaining a mouth feel that consumers associate with a quality product.

No. of Pages : 24 No. of Claims : 34

(22) Date of filing of Application :13/02/2014

(43) Publication Date : 09/01/2015

# (54) Title of the invention : COMPACTED MURIATE OF POTASH FERTILIZERS CONTAINING NUTRIENTS AND METHODS OF MAKING SAME

<ul><li>(51) International classification</li><li>(31) Priority Document No</li><li>(32) Priority Date</li><li>(33) Name of priority country</li></ul>	n:C05D1/02,C05B15/00,C05F11/00 :61/514952 :04/08/2011 :U.S.A.	<ul> <li>(71)Name of Applicant :</li> <li>1)MOS HOLDINGS INC. Address of Applicant :3033 Campus Drive Suite E490 Plymouth MN 55441 U.S.A.</li> </ul>
<ul> <li>(86) International Application</li> <li>No</li> <li>Filing Date</li> <li>(87) International Publication</li> <li>No</li> </ul>	:PCT/US2012/049301 :02/08/2012 :WO 2013/019935	<ul> <li>(72)Name of Inventor :</li> <li>1)FERGUSON Del</li> <li>2)OLSON Ronald</li> <li>3)HEINBIGNER Carey</li> </ul>
<ul> <li>(61) Patent of Addition to</li> <li>Application Number</li> <li>Filing Date</li> <li>(62) Divisional to Application</li> <li>Number</li> <li>Filing Date</li> </ul>	:NA :NA :NA :NA	

(57) Abstract :

A granular cohered MOP fertilizer having one or more micronutrients and one or more binding ingredients. The fertilizer is prepared by compacting MOP feed material with one or more micronutrients and one or more optional binders to form a cohered MOP composition. The cohered MOP composition is then further processed such as by crushing and sizing to form a cohered granular MOP product containing micronutrients. The process yields a fertilizer product containing micronutrients with superior elemental and granule size distribution without comprising handling or storage qualities.

No. of Pages : 37 No. of Claims : 20

(22) Date of filing of Application :13/02/2014

(43) Publication Date : 09/01/2015

# (54) Title of the invention : CABLE DRIVE FOR A SECOND DRIVE AXLE OF A VEHICLE

<ul> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application</li> <li>No</li> <li>Filing Date</li> <li>(87) International Publication</li> </ul>	n:F16H21/18,B60K17/34,F16H7/00 :2011133494 :10/08/2011 :Russia :PCT/RU2012/000503 :26/06/2012 :WO 2013/022379	<ul> <li>(71)Name of Applicant :</li> <li>1)BOROVSKIKH Valeriy Mikhajlovich Address of Applicant :ul. Zagorevskaja 14/1 105 Moscow 115598 Russia</li> <li>(72)Name of Inventor :</li> <li>1)BOROVSKIKH Valeriy Mikhajlovich</li> </ul>
No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA :NA	

(57) Abstract :

The invention relates to the field of the manufacture of cars and other vehicles having a second drive axle which can be connected in the event of the wheels of the first drive axle skidding. The device comprises eccentrics in a quantity of at least three on each of the shafts connecting rod cables an input shaft and an output shaft which are extended ends of bearing axles of gearboxes of the front and rear axles said extended ends being brought out of the gearbox. In order to increase the uniformity of the torque on the output shaft from four to twelve eccentrics can be fixed to each of the shafts. The effect of using a cable drive consists in reducing the labor intensity involved in the manufacture reducing the weight of the vehicle and increasing the efficiency of the transmission since two hypoid reduction gears and a transmission shaft are dispensed with in the design.

No. of Pages : 7 No. of Claims : 1

(22) Date of filing of Application :14/02/2014

(43) Publication Date : 09/01/2015

# (54) Title of the invention : A METHOD FOR REVERSE LINK POWER CONTROL IN A WIRELESS COMMUNIATION SYSTEM AND AN APPARATUS THEREFOR

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application <ul> <li>Number</li> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application Number <ul> <li>Filed on</li> </ul> </li> </ul>	:60/589,823 :20/07/2004 :U.S.A.	<ul> <li>(71)Name of Applicant :</li> <li>1)QUALCOMM INCORPORATED Address of Applicant :5775 MOREHOUSE DRIVE, SAN DIEGO, CALIFORNIA 92121-1714 U.S.A. </li> <li>(72)Name of Inventor : 1)ARAK SUTIVONG 2)AVNEESH AGRAWAL</li></ul>
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(57) Abstract :

A method of reverse link power control, comprising: transmitting (120,110) a packet; determining (204, 560,570) whether the packet has been received without error; decreasing (210, 524) an effective carrier-to-interference (C/I) setpoint if the packet has been received without error; increasing (208, 524) the effective C/I setpoint if the packet has not been received without error; and characterized by: regulating (306, 310,524) the transmit (TX) power based on a Received Power Over Thermal (RpOT) and the effective C/I set point.

No. of Pages : 23 No. of Claims : 34

(19) INDIA

(22) Date of filing of Application :17/02/2014

### (43) Publication Date : 09/01/2015

(54) Title of the invention : OBJECT TRA	ANSPORT TUBE	
<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number <ul> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application Number <ul> <li>Filing Date</li> </ul> </li> </ul>	:B65G53/54 :61/472285 :06/04/2011 :U.S.A.	<ul> <li>(71)Name of Applicant :</li> <li>1)FISH TRANSPORT SYSTEMS LLC Address of Applicant :8015 SE 28th Street Suite 200 Mercer Island WA 98040 U.S.A.</li> <li>(72)Name of Inventor :</li> <li>1)GUEBLE Jeff</li> <li>2)DELIGAN Todd</li> <li>3)ALLARD Randy</li> <li>4)KUNZLER Alex</li> <li>5)BRYAN Jr. Dr. Vincent E.</li> </ul>

## (57) Abstract :

A transport tube and system for transporting objects are disclosed. In one embodiment the system includes an outer support and protective tube. Within the outer tube is mounted an inner tube which is adapted to radially expand and contract so as to accommodate and substantially continuously engage the surface of an object to be transported along the inner tube. The tube surface/object surface engagement provides a pressure seal across the object. When fluid pressure is reduced in front of the object and/or when pressure is increased behind the object the pressure differential across the object urges the object along the tube. In one embodiment of the invention the object being transported is a fish.

No. of Pages : 30 No. of Claims : 31

(22) Date of filing of Application :17/02/2014

(43) Publication Date : 09/01/2015

(54) Title of the invention : SYSTEM AND METHOD FOR REALIZING END TO END HIERARCHICAL QUALITY OF SERVICE

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application <ul> <li>Number</li> <li>Filing Date</li> </ul> </li> </ul>	:H04L12/24 :201110237566.2 :18/08/2011 :China :PCT/CN2012/077532 :26/06/2012 :WO 2013/023494 :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)ZTE CORPORATION <ul> <li>Address of Applicant :ZTE Plaza Keji Road South Hi Tech</li> <li>Industrial Park Nanshan Shenzhen Guangdong 518057 China</li> <li>(72)Name of Inventor :</li> <li>1)CAO Dengyuan</li> </ul> </li> </ul>
	:NA	
(62) Divisional to Application Number Filing Date	:NA :NA	
I IIIIg Duce	.1 17 1	

### (57) Abstract :

Provided are a system and method for realizing end to end Hierarchical Quality of Service (HQoS) which overcome the problem that prior art cannot ensure the normal implementation of egress HQoS scheduling function. The method is applied in a distributed system and comprises: when a transmitter has packets to be transmitted it sends a forwarding request to a receiver; the receiver performs Hierarchical Quality of Service scheduling after receiving the forwarding request and replies to the transmitter an authorization response when determining that the transmitter is allowed to transmit the packets; after receiving the authorization response the transmitter transmits the packets to be transmitted to the receiver. Application of the system and method to perform end to end hierarchical QoS control ensures the egress HQoS scheduling function and the Quality of Service of user services.

No. of Pages : 14 No. of Claims : 12

(19) INDIA

(22) Date of filing of Application :14/02/2014

(54) Title of the invention : PNEUMATIC TIRE

### (43) Publication Date : 09/01/2015

(-)	-	
(51) International classification	:B60C11/24,B60C11/02	(71)Name of Applicant :
(31) Priority Document No	:NA	1)BRIDGESTONE CORPORATION
(32) Priority Date	:NA	Address of Applicant :1 1 Kyobashi 3 chome Chuo ku Tokyo
(33) Name of priority country	:NA	1048340 Japan
(86) International Application No	:PCT/JP2011/005055	(72)Name of Inventor :
Filing Date	:08/09/2011	1)HIRONAKA Takayoshi
(87) International Publication No	:WO 2013/035135	2)KUREBAYASHI Masayuki
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.11A	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Provided is a pneumatic tire with which it is possible to substantially improve the rate at which usage as a base tire for retreading is possible without significantly retarding the useful lifetime of the tire prior to retreading. This pneumatic tire (1) has a plurality of tread grooves disposed in a tread part (2) and has a first protrusion part (10) at the groove bottom (5b) of a first tread groove (5) thereamong which is a tread wear indicator which has a peak face (10a) with a distance (x1) from an aperture end location (5a) of the groove when measuring in the tire diameter direction. This pneumatic tire (1) has a second protrusion part (20) in the groove bottom (15b) of a second tread groove (15) which is disposed in the center region (3) of the tread part (2) which is a tread indicator which has a peak face (20a) with a distance (x2) which is shorter than the distance (x1) from an aperture end location (15a) of the groove when measuring in the tire diameter direction.

No. of Pages : 33 No. of Claims : 8

(22) Date of filing of Application :14/02/2014

### (43) Publication Date : 09/01/2015

# (54) Title of the invention : TIME DELAY RELAY

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to</li> <li>Application Number Filing Date</li> <li>(62) Divisional to</li> <li>Application Number Filing Date</li> <li>(62) Divisional to</li> <li>Application Number Filing Date</li> </ul>	:H01H47/18,H01H63/00,H01H45/14 :2011903626 :06/09/2011 :Australia :PCT/AU2012/001050 :05/09/2012 :WO 2013/033765 :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)DAVID STUCKEY INVESTMENTS PTY LTD Address of Applicant :C/ Pitcher Partners 6th Floor 161</li> <li>Collins Street Melbourne Victoria 3000 Australia</li> <li>(72)Name of Inventor :</li> <li>1)STUCKEY David Martin</li> <li>2)GRAHAM Brent</li> <li>3)STRIKE Michael</li> <li>4)CRIVELLI Jarrod</li> <li>5)NAINGGOLAN Ingot Marito</li> </ul>
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## (57) Abstract :

A programmable solid state relay comprising: a relay base; an adaptor circuit; a configuration circuit; a trigger input; a voltage monitoring circuit monitoring the trigger input; a countdown timer; a microcontroller; and at least one switching circuits with first and second switching contacts wherein: when the voltage of the trigger input exceeds a selectable trigger input threshold voltage the countdown timer is loaded with a predetermined time value. the countdown timer is started and the at least one switching circuits are set to individually predetermined first states; and when the countdown timer has completed its countdown the at least one switching circuits are set to the complements of the first states. The relay performs self checking of the switches and forces the switches to an open state upon detection of errors.

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

(22) Date of filing of Application :17/02/2014

(43) Publication Date : 09/01/2015

# (54) Title of the invention : MANUFACTURING METHOD FOR GRIP MEMBER FOR INSERTION TUBE IN HEAT EXCHANGER MANUFACTURING METHOD FOR HEAT EXCHANGER USING SAID GRIP MEMBER AND AIR CONDITIONER AND/OR OUTDOOR UNIT HAVING SAID HEAT EXCHANGER

(51) International classification	,	(71)Name of Applicant :
(31) Priority Document No	:2011173397	1)KYOSHIN KOGYO CO. LTD.
(32) Priority Date	:20/07/2011	Address of Applicant :20 7 Ebie7 chome Fukushima ku Osaka
(33) Name of priority country	:Japan	shi Osaka 5530001 Japan
(86) International Application No	:PCT/JP2012/069264	(72)Name of Inventor :
Filing Date	:20/07/2012	1)TOKURA Kenji
(87) International Publication No	:WO 2013/012100	
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

### (57) Abstract :

To provide a manufacturing method for a grip member for an insertion tube in a heat exchanger. [Solution] A grip member (3) having a plurality of tube contacting parts (3f) provided with protruding members (3e) that protrude toward the axial center of the grip member (3) is manufactured according to a method characterized by: a step wherein a bulging section (3z) that bulges toward the axial center of the grip member (3) is formed; a step wherein a plurality of slit gaps (3a) having a predetermined length are formed and a plurality of tube contacting parts (3f) are formed; and a step wherein by widening the slit gaps (3a) the degree of inclination of inclined surfaces (3b) which are provided to the outside surfaces of each tube contacting part (3f) and incline in a direction expanding toward the tube opening of the opposing tube is formed to be larger than the degree of inclination of the inclined surfaces (3b) at the time the slit gaps (3a) are formed.

No. of Pages : 86 No. of Claims : 7

(19) INDIA(22) Date of filing of Application :17/02/2014

(43) Publication Date : 09/01/2015

# (54) Title of the invention : STEEL OIL WELL PIPE HAVING EXCELLENT SULFIDE STRESS CRACKING RESISTANCE

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No</li> <li>Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to</li> </ul>	:PCT/JP2012/070888 :17/08/2012	1)NIPPON STEEL & SUMITOMO METAL CORPORATION Address of Applicant :6 1 Marunouchi 2 chome Chiyoda ku Tokyo 1008071 Japan (72)Name of Inventor : 1)SOMA Atsushi 2)OMURA Tomohiko 3)ARAI Yuji 4)NUMATA Mitsuhiro 5)TAKAYAMA Toru
Application Number Filing Date	:NA	6)SEO Masanao
(62) Divisional to Application Number Filing Date	n:NA :NA	

(57) Abstract :

Provided is a steel oil well pipe which has excellent sulfide stress cracking resistance (SSC resistance). A steel oil well pipe of the present invention contains in mass% 0.15 0.35% of C 0.1 0.75% of Si 0.1 1.0% of Mn 0.1 1.7% of Cr 0.1 1.2% of Mo 0.01 0.05% of Ti 0.010 0.030% of Nb 0.01 0.1% of Al 0.03% or less of P 0.01% or less of S 0.007% or less of N and 0.01% or less of O with the balance made up of Fe and impurities. The Ti content and the Nb content in the residue obtained by bromine methanol extraction satisfy the following formula (1). 100 — [Nb]/([Ti] + [Nb]) = 27.5 (1) In this connection the Ti content (mass%) and the Nb content (mass%) in the residue are respectively assigned to [Ti] and [Nb].

No. of Pages : 45 No. of Claims : 4

(22) Date of filing of Application :13/02/2014

(43) Publication Date : 09/01/2015

## (54) Title of the invention : EXHAUST GAS TEMPERATURE SENSOR INCLUDING A VIBRATION REDUCING AND/OR MODIFYING SLEEVE

:G01K1/14	(71)Name of Applicant :
:61/526345	1)STONERIDGE INC.
:23/08/2011	Address of Applicant :9400 East Market Street Warren Ohio
:U.S.A.	44484 U.S.A.
:PCT/US2012/051982	(72)Name of Inventor :
:23/08/2012	1)LANDIS Ronald N.
:WO 2013/028819	2)OBENOUR Douglas I.
٠NA	3)SPARKS Robert J.
.11A	
:NA	
:NA	
	:61/526345 :23/08/2011 :U.S.A. :PCT/US2012/051982 :23/08/2012 :WO 2013/028819 :NA :NA :NA

### (57) Abstract :

A temperature sensor system includes a temperature sensor a cable having an end coupled to the temperature sensor and a stop flange coupled to the cable. The temperature sensor system further includes a vibration reducing and/or modifying sleeve positioned against the stop flange. The sleeve includes a body portion defining a through passage configured to receive and retain at least a portion of the cable. The sleeve is configured to provide stability and reduce vibrational stress to the temperature sensor system. The sleeve is configured to be added to the temperature sensor system during assembly of the system and/or to be added after the temperature sensor system is fully assembled.

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

(19) INDIA

(22) Date of filing of Application :13/02/2014

#### (43) Publication Date : 09/01/2015

(54) Title of the invention : SECURITY S	SYSTEM	
<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number <ul> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application Number <ul> <li>Filing Date</li> </ul> </li> </ul>	:B60R25/00 :2011902811 :14/07/2011 :Australia	<ul> <li>(71)Name of Applicant :</li> <li>1)MACMILLAN Stephen Address of Applicant :PO Box 3380 Malaga Western Australia</li> <li>6945 Australia</li> <li>(72)Name of Inventor :</li> <li>1)MACMILLAN Stephen</li> </ul>

(57) Abstract :

A vehicle security system including a remote control device such as a keypad (38) and a vehicle battery (10) having a controller (36) arranged to reduce or reverse battery power when the vehicle engine is turned off and arranged to receive a unique code transmitted from the remote control device and to subsequently selectively permit the battery to supply sufficient power to start or drive the vehicle. The battery can be a replacement battery for the vehicle or supplied as an OEM part. The battery can be provided with a unique serial number to be directly linked to the vehicle. Authorities can be provided with a control codes that can be transmitted remotely from a police pursuit vehicle to selectively absorb the external power from the vehicle electrical systems in the event of a stolen or misused vehicle.

No. of Pages : 19 No. of Claims : 16

(19) INDIA

(22) Date of filing of Application :14/02/2014

(43) Publication Date : 09/01/2015

#### (54) Title of the invention : OPTICAL TRANSMITTER/RECEIVER AND MANUFACTURING METHOD THEREFOR

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application <ul> <li>Number</li> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application Number <ul> <li>Filing Date</li> </ul> </li> </ul>	:G02B6/42,H01S5/022 :2011202227 :15/09/2011 :Japan :PCT/JP2012/073643 :14/09/2012 :WO 2013/039209 :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)NEC CORPORATION <ul> <li>Address of Applicant :7 1 Shiba 5 chome Minato ku Tokyo</li> </ul> </li> <li>1088001 Japan <ul> <li>(72)Name of Inventor :</li> <li>1)YAMADA Yasushi</li> </ul> </li> </ul>
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(57) Abstract :

The purpose of the present invention is to improve the heat dissipation properties of a circuit board and/or optical module while ensuring the implementation area of the circuit board. This optical transmitter/receiver is provided with a case having a base and cover a circuit board and an optical module. The circuit board is housed in the case and secured to the base. The optical module is housed in the case and is positioned on the opposite side of the base relative to the circuit board and is secured to the cover.

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

(19) INDIA

(22) Date of filing of Application :17/02/2014

#### (43) Publication Date : 09/01/2015

(51) International classification	:A47J31/36	(71)Name of Applicant :
(31) Priority Document No	:11178790.9	1)NESTEC S.A.
(32) Priority Date	:25/08/2011	Address of Applicant : Av. Nestl 55 CH 1800 Vevey
(33) Name of priority country	:EPO	Switzerland
(86) International Application No	:PCT/EP2012/066239	(72)Name of Inventor :
Filing Date	:21/08/2012	1)LARZUL David
(87) International Publication No	:WO 2013/026844	2)CHALENCON Julien
(61) Patent of Addition to Application	•NT A	3)RITHENER Blaise
Number	:NA	4)BESSON Fran§ois
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (54) Title of the invention : CARTRIDGE REMOVAL SYSTEM

(57) Abstract :

A device (1) for extracting an ingredient in a cartridge (9) by supplying an extraction liquid such as heated water into such cartridge comprises: upstream and downstream cartridge enclosing parts (7 8) relatively movable between an open position for inserting and/or removing such cartridge and a closed position for forming an extraction chamber (11) enclosing such cartridge during extraction; and a cartridge removal arrangement (36 37) for assisting removal of such cartridge when the enclosing parts (7 8) are brought from the closed to the open position. The upstream part (7) bears an upstream piercing arrangement (30) such as a piercing member for opening a downstream portion of such cartridge. The downstream part (8) bears a downstream piercing arrangement (30) such as a piercing member for opening a downstream portion of such cartridge. The cartridge. The cartridge removal arrangement comprises an upstream pusher (36) for pushing such cartridge away from the upstream piercing arrangement (34) and a downstream pusher (37) for pushing such cartridge away from the downstream piercing arrangement (30).

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

(22) Date of filing of Application :13/02/2014

(43) Publication Date : 09/01/2015

#### (54) Title of the invention : NOVEL CRYSTAL FORM

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:C0/D401/12,A61K31/4343,A61P23/28 :61/530104 :01/09/2011 :U.S.A. :PCT/EP2012/067027 :31/08/2012 :WO 2013/030374	<ul> <li>(71)Name of Applicant :</li> <li>1)GLAXO GROUP LIMITED</li> <li>Address of Applicant :980 Great West Road Brentford</li> <li>Middlesex TW8 9GS U.K.</li> <li>(72)Name of Inventor :</li> <li>1)LEE Mei yin</li> </ul>
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(57) Abstract :

A novel crystalline form of a compound i s disclosed.

No. of Pages : 45 No. of Claims : 21

(19) INDIA

(22) Date of filing of Application :13/02/2014

#### (43) Publication Date : 09/01/2015

(54) Title of the invention : A HAND DR	YER	
<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number <ul> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application Number <ul> <li>Filing Date</li> </ul> </li> </ul>	:A47K10/48 :1114183.5 :17/08/2011 :U.K. :PCT/GB2012/051829 :27/07/2012 :WO 2013/024252 :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)DYSON TECHNOLOGY LIMITED Address of Applicant :Tetbury Hill Malmesbury Wiltshire SN16 0RP U.K.</li> <li>(72)Name of Inventor :</li> <li>1)RYAN Leigh</li> <li>2)GAMMACK Peter</li> <li>3)COURTNEY Stephen</li> </ul>

#### (57) Abstract :

A wall mountable hand dryer arranged for drying one side of a users hands at a time. The dryer has two nozzle sections one for each hand which nozzle sections are positioned towards the front of the dryer so that they are spaced away from the wall in use. The nozzle sections each extend to span the width of a users open hand and are arranged for directing drying air down onto the front or back of said hand as it is inserted lengthwise underneath the nozzle sections from the front of the dryer. The left hand nozzle section is banked to the right and the right hand nozzle section is banked to the left such that the user may bank his hands accordingly in use this makes the drying action comfortable for the user.

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

(22) Date of filing of Application :14/02/2014

(43) Publication Date : 09/01/2015

## (54) Title of the invention : PROCESS FOR PREPARING 5-(2-{[6-(2,2-DIFLUORO-2-PHENYLETHOXY)HEXYL] AMINO}-1(R)-HYDROXYETHYL-8-HYDROXYQUINOLIN-2(1H)-ONE VIA A NOVEL INTERMEDIATE

(51) International classification	:C07D215/26,A61K31/4704,A61P11/00	(71)Name of Applicant : 1)ALMIRALL S.A.
(31) Priority Document No	:11382316.5	Address of Applicant :Ronda del General Mitre 151 E 08022 Barcelona Spain
(32) Priority Date	:07/10/2011	(72)Name of Inventor :
(33) Name of priority country	:EPO	1)MARCHUETA HEREU Iolanda 2)MOYES VALLS Enrique
(86) International Application No Filing Date	:PCT/EP2012/069475 :02/10/2012	
(87) International Publication No	:WO 2013/050375	
(61) Patent of Addition to	:NA	
Application Number Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The present invention is concerned with a process for preparing a 5 (2  $\{[6 (2 2 \text{ difl } 2 \text{ phenylethoxy}) \text{ hexyl}]amino\}$  1 (R) hydroxyethyl) 8 hydroxyquinolin 2(1 H) one compound of formula (I) or a pharmaceutically acceptable salt thereof.

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

(19) INDIA

(22) Date of filing of Application :14/02/2014

(54) Title of the invention : MOULDING ARTICLES

#### (43) Publication Date : 09/01/2015

(51) International classification	:B29C35/04,B29C33/04	(71)Name of Applicant :
(31) Priority Document No	:PA 2011 70436	1)VESTAS WIND SYSTEMS A/S
(32) Priority Date	:08/08/2011	Address of Applicant :Hedeager 44 DK 8200 Aarhus N
(33) Name of priority country	:Denmark	Denmark
(86) International Application No	:PCT/DK2012/050283	(72)Name of Inventor :
Filing Date	:01/08/2012	1)PETERSEN Leif Kappel
(87) International Publication No	:WO 2013/020558	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.11A	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A mould for forming a wind turbine blade is formed in two halves each half 1a comprising a sandwich structure of a perforated outer layer an inner aluminium honeycomb structure and an inner impermeable heat conducting layer. An article in the form of a mat of glass fibre impregnated with epoxy resin is placed in the mould. A supply chamber 6 supplies heated pressurised air to the mould which passes into the honeycomb core of the mould through the perforated outer layer and back through the outer layer into two exhaust chambers 7. A row of supply conduits 13 and exhaust conduits 16connect the exhaust chambers 7 to the supply chamber 6. The air in each conduit 13 16 is heated by a respective heat exchanger 18 supplied with heated water 9. The heated air cures the epoxy resin and the mould is then cooled by supplying cold water to the heat exchangers 18 which in turn cools the air supplied to the mould. The water used to cool the mould is then re used for the subsequent heating of another article placed in the mould in order to save energy. Alternatively the article in the mould may be cooled using a separate supply of air which is not cooled in the heat exchangers 18.

No. of Pages : 24 No. of Claims : 19

(22) Date of filing of Application :17/02/2014

(43) Publication Date : 09/01/2015

#### (54) Title of the invention : METHODS FOR SEPARATING IRON IONS FROM ALUMINUM IONS

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application</li> <li>No</li> <li>Filing Date</li> <li>(87) International Publication</li> <li>No</li> <li>(61) Patent of Addition to</li> <li>Application Number</li> <li>Filing Date</li> <li>(62) Divisional to Application</li> <li>Number</li> <li>Filing Date</li> </ul>	:C22B21/00,B01D9/02,C22B3/44 :61/508950 :18/07/2011 :U.S.A. :PCT/CA2012/000687 :18/07/2012 :WO 2013/010263 :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)ORBITE ALUMINAE INC. Address of Applicant :6505 route Transcanadienne Saint Laurent Qubec H4T 1S3 Canada</li> <li>(72)Name of Inventor :</li> <li>1)BOUDREAULT Richard</li> <li>2)FOURNIER Joel</li> <li>3)GAUTHIER Laury</li> </ul>
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#### (57) Abstract :

There are provided methods for separating iron ions from aluminum ions contained in an acidic composition. The methods comprise reacting the acidic composition with a basic aqueous composition having a pH of at least 10.5 so as to obtain a precipitation composition maintaining the precipitation composition at a pH above 10.5 so as to cause precipitation of the iron ions at least substantially preventing precipitation of the aluminum ions and to obtain a mixture comprising a liquid portion and a solid portion; and separating the liquid portion from the solid portion. There are also provided methods for treating an acidic composition comprising iron ions and aluminum ions. Such methods can be useful for preparing products such as alumina aluminum hematite etc.

No. of Pages : 56 No. of Claims : 157

(19) INDIA

(22) Date of filing of Application :14/02/2014

#### (43) Publication Date : 09/01/2015

(54) Title of the invention : HEAT SHIELD AND METHOD		
<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application <ul> <li>Number</li> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application Number <ul> <li>Filing Date</li> </ul> </li> </ul>	:C21B9/06,C21B9/10 :1117341.6 :07/10/2011 :U.K.	<ul> <li>(71)Name of Applicant : <ol> <li>Siemens PLC</li> <li>Address of Applicant :Faraday House Sir William Siemens</li> </ol> </li> <li>Square Frimley Camberley GU16 8QD U.K.</li> <li>(72)Name of Inventor : <ol> <li>KAPS Gareth</li> <li>THOMSON Joseph</li> <li>DIXON Lee</li> <li>GILL Bernard</li> </ol> </li> </ul>

(57) Abstract :

A folding heat shield (1) for a combustion chamber of an internal combustion hot blast stove comprises a frame (2) an actuator and an insulation layer (9). The frame comprises two or more sections (4 5 6 7) and one or more hinges (19) coupling the sections of the frame together. The actuator folds and unfolds the sections of the heat shield. An insulation layer (9) is provided on a surface of the frame remote from the hinges (19).

No. of Pages : 28 No. of Claims : 23

(19) INDIA

(22) Date of filing of Application :17/02/2014

#### (43) Publication Date : 09/01/2015

#### (54) Title of the invention : NEEDLE ASSEMBLY

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:A61M25/06,A61M5/34,A61M5/158 :61/573093 :31/08/2011 :U.S.A. :PCT/US2012/051652 :21/08/2012 :WO 2013/032770 :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)SMITHS MEDICAL ASD INC. Address of Applicant :160 Weymouth Street Rockland MA</li> <li>02370 U.S.A.</li> <li>(72)Name of Inventor :</li> <li>1)CLARK Geoff</li> </ul>
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#### (57) Abstract :

A needle assembly has a needle hub that has a body to which are formed two plates at opposite sides thereof in a parallel relationship. The plates have respective upper edges and lower edges that lie substantially along respective planes so that the needle hub may be stably placed onto a surface by means of the respective edges. The plates also prevent the rolling of the needle between the fingers of the clinician when the clinician holds the needle assembly by means of the plates. A partition is formed orthogonally proximate to the front ends of the parallel plates. The upper edge of the partition lies co planarly along the same plane as the respective upper edges of the plates while the lower edge of the partition lies co planarly along the same plane where the respective lower edges of the plates lie. The partition and the parallel plates together provide upper and lowerthree point stable supports for the needle hub. A notch at the partition provides a guided line of sight to the tip of the needle for the user. The connector at the proximal portion of the needle hub is configured to have a non conventional configuration that allows it to mate only with a counterpart connector that has a complementary non conventional configuration.

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

(22) Date of filing of Application :17/02/2014

(43) Publication Date : 09/01/2015

(54) Title of the invention : SYNERGISTIC HERBICIDAL COMPOSITION CONTAINING PENOXSULAM AND FLORASULAM

(51) International classification	:A01N43/60	(71)Name of Applicant :
(31) Priority Document No	:61/523884	1)DOW AGROSCIENCES LLC
(32) Priority Date	:16/08/2011	Address of Applicant :9330 Zionsville Road Indianapolis IN
(33) Name of priority country	:U.S.A.	46268 U.S.A.
(86) International Application No	:PCT/US2012/050862	(72)Name of Inventor :
Filing Date	:15/08/2012	1)MANN Richard K.
(87) International Publication No	:WO 2013/025754	
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
/		l.

(57) Abstract :

A synergistic herbicidal composition containing (a) penoxsulam and (b) florasulam provides weed control in multiple crops and settings e.g. rice cereal and grain crops turf industrial vegetation management sugar cane range and pasture and tree and vine orchards.

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

(19) INDIA

(22) Date of filing of Application :18/02/2014

(43) Publication Date : 09/01/2015

#### (54) Title of the invention : PROCESS AND DEVICE FOR CONTROLLING AN INTERNAL COMBUSTION ENGINE :F02D41/00,F02D41/04 (71)Name of Applicant : (51) International classification (31) Priority Document No :102011084079.6 **1)ROBERT BOSCH GMBH** Address of Applicant :Postfach 30 02 20 70442 Stuttgart (32) Priority Date :06/10/2011 (33) Name of priority country :Germanv Germany (86) International Application No :PCT/EP2012/068601 (72)Name of Inventor : **1)HOEFLE Stefan** Filing Date :21/09/2012 (87) International Publication No :WO 2013/050256 2)RAI Karthik (61) Patent of Addition to Application :NA Number

:NA

:NA

:NA

#### (57) Abstract :

Filing Date

Filing Date

(62) Divisional to Application Number

The invention relates to a process for stopping an internal combustion engine in which an amount of air which is supplied via an air metering device of the internal combustion engine in particular a throttle flap is reduced once an engine stop request has been registered. The time at which a threshold value is undershot is determined where a detected speed (n) of the internal combustion engine falls below a predefinable speed threshold value (ns). The amount of air which is supplied via the air metering device of the internal combustion engine is again increased after the time at which the threshold value is undershot wherein the predefinable speed threshold value (ns) is selected such that an intake cylinder (ZYL2) does not enter any compression cycle after an increase of the measured amount of air until the standstill of the internal combustion engine an opening degree of the air metering device for increasing the supplied amount of air being selected as a function of a coasting speed (nE) of the internal combustion engine.

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

(22) Date of filing of Application :14/02/2014

(43) Publication Date : 09/01/2015

#### (54) Title of the invention : METHOD TO MONITOR SAFE OPERATION OF AN ULTRACAPACITOR

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application</li> <li>No</li> <li>Filing Date</li> <li>(87) International Publication</li> <li>No</li> <li>(61) Patent of Addition to</li> <li>Application Number</li> <li>Filing Date</li> </ul>	a :H01G9/12,H01G11/78,H01G2/14 :13/237139 :20/09/2011 :U.S.A. :PCT/US2012/055051 :13/09/2012 :WO 2013/043448 :NA :NA	<ul> <li>(71)Name of Applicant : <ul> <li>1)CORNING INCORPORATED</li> <li>Address of Applicant :1 Riverfront Plaza Corning New York</li> </ul> </li> <li>14831 U.S.A. </li> <li>(72)Name of Inventor : <ul> <li>1)SHARPS Robert Wendell</li> <li>2)WETHERILL Todd Marshall</li> </ul> </li> </ul>
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A container of an electrochemical double layer capacitor for holding electrodes and electrolyte includes a housing having a cavity and a cap portion coupled to the housing forming a fluid tight reservoir with the cavity. The container also includes a plurality of terminals incorporated into one or more of the housing or the cap portion where the plurality of terminals adapted to be electrically coupled to the electrodes and a pressure compliant membrane incorporated into one of the housing or the cap portion. A pressure monitoring system that monitors the pressure inside the container includes a displacement measuring device adapted to measure a deflection of the pressure compliant membrane.

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

(22) Date of filing of Application :14/02/2014

(43) Publication Date : 09/01/2015

(54) Title of the invention : A METHOD AND SYSTEM FOR DETECTING AND/OR CLASSIFYING CANCEROUS CELLS IN A CELL SAMPLE

(51) International classification	:G06K9/00,G01N21/45,G01B9/021	(71)Name of Applicant : 1)Ovizio Imaging Systems N.V.
(31) Priority Document No	:11174583.2	Address of Applicant :Rue Engeland 555 B 1180 Brussels
(32) Priority Date		Belgium
(33) Name of priority country		(72)Name of Inventor :
<ul> <li>(86) International Application</li> <li>No</li> <li>Filing Date</li> <li>(87) Internetional Packlicetion</li> </ul>	:PCT/EP2012/063936 :16/07/2012	1)MATHUIS Philip 2)JOORIS Serge 3)MAGNIETTE Olivier
(87) International Publication	:WO 2013/011001	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

#### (57) Abstract :

The current invention concerns a method for detecting cancerous cells and/or classifying cells in a cell sample comprising the following steps: providing a cell sample; obtaining holographic information from said cell sample by digital holographic microscopy (DHM); deriving at least one cellular parameter from said holographic information and; classifying said cells of cells sample; characterized in that said classification occurs by appointing a Scoring Factor to said cells of cell sample based on said cellular parameters. In a second aspect a system for the detection of cancerous cells and/or classification of cells in a cell sample is provided employing the method as disclosed in the invention. In a final aspect a method for updating and/or improving a database comprising thresholds linked to holographic information and the database related thereof is equally disclosed.

No. of Pages : 38 No. of Claims : 29

(21) Application No.1150/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :17/02/2014

(43) Publication Date : 09/01/2015

#### (54) Title of the invention : NON ORTHOGONAL SOLAR HEAT COLLECTOR AND SOLAR ENERGY COGENERATION

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(33) Name of priority country</li> <li>(86) International Application No</li> <li>Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to</li> <li>Application Number</li> <li>Filing Date</li> <li>(62) Divisional to Application</li> <li>Number</li> <li>Filing Date</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(34) Priority Date</li> <li>(35) Priority Date</li> <li>(36) International Application No</li> <li>(61) Patent of Addition to</li> <li>(62) Divisional to Application</li> <li>NA</li> <li>NA</li> <li>NA</li> <li>NA</li> </ul>	<ul> <li>4J2/06 (71)Name of Applicant :</li> <li>1)W &amp; E INTERNATIONAL (CANADA) CORP. Address of Applicant :66 Devonsleigh Blvd. Richmond Hill Ontario L4S 1H2 Canada (72)Name of Inventor :</li> <li>1)LIN Huazi</li> </ul>
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#### (57) Abstract :

In one aspect a non orthogonal solar heat collector is provided. The non orthogonal solar heat collector comprises: a solar heat absorbing element a solar heat conducting/transferring element having a closed thermal connection with said solar heat absorbing element a solar heat converging element for converging solar heat transferred from said solar heat conducting/transferring element a non orthogonal angle included between a normal line of earth surface and an axis of said solar heat conducting/transferring element is non orthogonal angle included between a normal line of earth surface and an axis of said solar heat conducting/transferring element is non orthogonal. In another aspect there is provided a solar energy cogeneration system. Said solar energy cogeneration system is also called a combined solar heat and power that provides solar heat and electricity to customers simultaneously and locally. The solar heat cogeneration system comprises: a plurality of solar heat collectors which heat a fluid to different temperature a turbine driven by fluid pressure a turbine shaft turning generator a generator producing electricity through the movement of the rotor in the stator a fluid inlet a fluid outlet and a structure supplied heat to customer. The pressure driven turbine is from a medium selected from a group of water steam air and a combination of them.

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

(22) Date of filing of Application :18/02/2014

(43) Publication Date : 09/01/2015

(54) Title of the invention : PROCESS FOR PREPARING DIPEPTIDYL PEPTIDASE IV INHIBITORS AND ITS **INTERMEDIATES** 

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application <ul> <li>Number</li> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application Number <ul> <li>Filed on</li> </ul> </li> </ul>	:C12N, C07D 209 :60/561,986 :14/04/2004 :U.S.A. :PCT/US05/012615 :13/04/2005 :NA :NA :NA :S914/DELNP/2006 :11/10/2006	<ul> <li>(71)Name of Applicant :</li> <li>1)BRISTOL-MYERS SQUIBB COMPANY Address of Applicant :ROUTE 206 AND PROVINCE LINE ROAD, PRINCETON, NEW JERSEY 08543-4000 USA U.S.A.</li> <li>(72)Name of Inventor :</li> <li>1)MICHAEL POLITINO</li> <li>2)MATTHEW M. CADIN</li> <li>3)PAUL M. SKONEZNY</li> <li>4)JASON G. CHEN</li> </ul>
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(57) Abstract :

A process for production of cyclopropyl-fused pyrrolidine-based inhibitors of dipeptidyl peptidase IV is provided which employs a BOC-protected amine of the structure prepared by subjecting an acid of the structure to reduce amination by treating the acid with ammonium formate, nicotinamide adenine dinucleotide, dithiothreitol and partially purified phenylalanine dehydrogenase/formate dehydrogenase enzyme concentrate (PDH/FDH) and without isolating treating the resulting amine of the structure 2

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

(21) Application No.1059/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :13/02/2014

(43) Publication Date : 09/01/2015

#### (54) Title of the invention : SURFACE CLEANING VEHICLE FOR COLD WEATHER USE

(31) Priority Document No:NA(32) Priority Date:NA(33) Name of priority country:NA(86) International Application No:PC	IA A CT/CA2011/000913 9/08/2011 VO 2013/020203 IA A	<ul> <li>(71)Name of Applicant :</li> <li>1)VANDERLINDEN Roger <ul> <li>Address of Applicant :1100 Burloak Drive Suite 300</li> </ul> </li> <li>Burlington Ontario L7L 6B2 Canada</li> <li>(72)Name of Inventor : <ul> <li>1)VANDERLINDEN Roger</li> </ul> </li> </ul>
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#### (57) Abstract :

A surface cleaning vehicle for cold weather use comprises a base vehicle a pick up head and a debris receiving hopper. A debris delivery conduit connects the pick up head in debris delivering relation to the debris receiving hopper. A fan causes debris laden air to be moved through the debris delivery conduit A debris water separator separates the re circulated water from water laden debris in the debris receiving hopper. A water collector collects re circulated water from the debris water separator. A water delivery implement delivers water from the water collector to at least one of the pick up head the debris delivery conduit and the debris receiving hopper such that the re circulated water is introduced into the debris laden air to subsequently suppress dust within the debris receiving hopper. A water heating interface that engages in heat transfer relation one of the water delivery implement the debris water separator the water collector and the water delivery implement.

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

(19) INDIA(22) Date of filing of Application :13/02/2014

(43) Publication Date : 09/01/2015

#### (54) Title of the invention : METHODS AND SYSTEMS FOR DETECTING AN ANALYTE IN A SAMPLE

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> </ul>	:G01N33/50,G01N35/08 :61/560752 :16/11/2011 :U.S.A. :PCT/US2012/065683 :16/11/2012 :WO 2013/075031	<ul> <li>(71)Name of Applicant :</li> <li>1)BECTON DICKINSON AND COMPANY Address of Applicant :1 Becton Drive MC110 Franklin Lakes New Jersey 07417 1880 U.S.A.</li> <li>(72)Name of Inventor :</li> <li>1)HUANG Wei</li> <li>2)BORNHEIMER Scott</li> </ul>
Filing Date	:16/11/2012	1)HUANG Wei

(57) Abstract :

The present disclosure provides methods for the detection of one or more analytes in a sample. Aspects of the methods include flowing a sample (e.g. a biological sample such as blood) through a channel comprising an analyte specific capture domain stably associated with a surface thereof wherein the analyte specific capture domain comprises particles displaying a specific binding member for an analyte; and imaging the analyte specific capture domain to detect whether the analyte is present in the sample. Also provided are systems devices and kits that may be used in practicing the subject methods. Methods and compositions as described herein find use in a variety of different applications including diagnostic applications.

No. of Pages : 61 No. of Claims : 18

(22) Date of filing of Application :18/02/2014

(43) Publication Date : 09/01/2015

### (54) Title of the invention : AUTONOMUS FLUID CONTROL DEVICE HAVING A MOVABLE VALVE PLATE FOR DOWNHOLE FLUID SELECTION

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> </ul>	:E21B34/08,E21B43/12 :NA :NA :NA :PCT/US2011/058606 :31/10/2011 :WO 2013/066295	<ul> <li>(71)Name of Applicant :</li> <li>1)HALLIBURTON ENERGY SERVICES INC Address of Applicant :10200 Bellaire Blvd Houston TX 77072 U.S.A.</li> <li>(72)Name of Inventor :</li> <li>1)LOPEZ Jean marc</li> <li>2)ZHAO Liang</li> </ul>
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

#### (57) Abstract :

An apparatus and method are described for autonomously controlling flow of fluid in a subterranean well where fluid flow is controlled based on a fluid characteristic such as viscosity or density which changes over time. Fluid flows into a vortex assembly where a centrifugal force is imparted to the fluid. A less viscous fluid will have a relatively greater velocity and centrifugal force than a more viscous fluid. The fluid exits the vortex chamber by both a vortex outlet and a peripheral outlet. An autonomous valve element moves between an open position in which fluid flows freely through the peripheral outlet and a closed position in which fluid flow through the peripheral outlet is restricted. The valve element is moved by the centrifugal force of the fluid such that a fluid having a higher centrifugal force moves the valve element to the closed position thereby reducing the total fluid flow through the vortex assembly.

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

(21) Application No.1201/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :18/02/2014

(43) Publication Date : 09/01/2015

(51) International classification	:G01V3/30	(71)Name of Applicant :
(31) Priority Document No	:NA	1)HALLIBURTON ENERGY SERVICES INC.
(32) Priority Date	:NA	Address of Applicant :10200 Bellaire Boulevard Houston TX
(33) Name of priority country	:NA	77072 U.S.A.
(86) International Application No	:PCT/US2011/048317	(72)Name of Inventor :
Filing Date	:18/08/2011	1)BITTAR Michael S.
(87) International Publication No	:WO 2013/025222	2)WU Hsu hsiang
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (54) Title of the invention : IMPROVED CASING DETECTION TOOLS AND METHODS

(57) Abstract :

Methods and tools for detecting casing position downhole is presented. The method utilizes electromagnetic (EM) tools with tilted antenna systems to detect casing position. Sometimes titled antenna designs also increase EM tools sensitivity to formation parameters which can lead to false signals for casing detection. In addition it is very difficult to distinguish measured signals between a casing source and a formation source. The methods presented help to distinguish between the two sources more clearly. The methods and tools presented also help to minimize those environmental effects as well as enhance the signals from a surrounding conductive casing. The methods herein provide ideas of EM tool s design to precisely determine casing position within a certain distance to casing position.

No. of Pages : 30 No. of Claims : 19

(22) Date of filing of Application :14/02/2014

(43) Publication Date : 09/01/2015

## (54) Title of the invention : ISOBUTANOL COMPOSITIONS FOR FUEL BLENDING AND METHODS FOR THE PRODUCTION THEREOF

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application <ul> <li>Number</li> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application Number <ul> <li>Filing Date</li> </ul> </li> </ul>	:C10L1/02 :13/243569 :23/09/2011 :U.S.A. :PCT/US2012/051397 :17/08/2012 :WO 2013/043286 :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)BUTAMAX ADVANCED BIOFUELS LLC Address of Applicant :Route 141 &amp; Henry Clay DuPont Experimental Station Building 356 Wilmington Delaware 19880 U.S.A.</li> <li>(72)Name of Inventor :</li> <li>1)BAUSTIAN James J.</li> <li>2)WOLF Leslie R.</li> </ul>
Filing Date	:NA	

(57) Abstract :

The invention relates to butanol compositions for fuel blending and fuel blends comprising such compositions. The compositions and fuel blends of the invention have desirable performance characteristics and can serve as alternatives to ethanol containing fuel blends. The invention also relates to methods for producing such butanol compositions and fuel blends.

No. of Pages : 57 No. of Claims : 20

(21) Application No.1134/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :14/02/2014

(43) Publication Date : 09/01/2015

(51) International classification	:H04W24/10	(71)Name of Applicant :
(31) Priority Document No	:13/204067	1)TELEFONAKTIEBOLAGET L M ERICSSON (PUBL)
(32) Priority Date	:05/08/2011	Address of Applicant :S 164 83 Stockholm Sweden
(33) Name of priority country	:U.S.A.	(72)Name of Inventor :
(86) International Application No	:PCT/IB2012/053618	1)AXELL Christian
Filing Date	:14/07/2012	2)ANDR‰ J–NSSON Henrik
(87) International Publication No	:WO 2013/021297	3)AX‰N Rasmus
(61) Patent of Addition to Application	:NA	4)BALCK Kenneth
Number	:NA :NA	5)ASP Hkan
Filing Date	.INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(57) Alextra et :		

#### (54) Title of the invention : PRIORITIZATION OF WIRELESS TERMINAL MEASUREMENTS

(57) Abstract :

A base station (110) generates and sends measurement configuration to a wireless terminal (130). The measurement o configuration indicates the measurements to be made by the wireless terminals (130) and to report on the performed measurements to the base station (110). The measurement configuration indicates that the measurements are to be performed and to be reported based on a prioritization level. The prioritization can be indicated at various levels including the measurement identities level, the measurement objects level, and the reporting configurations level,

No. of Pages : 65 No. of Claims : 34

(22) Date of filing of Application :17/02/2014

#### (43) Publication Date : 09/01/2015

(54) Title of the invention : POV	VER DISTRIBUTION DEVICE	
<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application</li> <li>No <ul> <li>Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to</li> </ul> </li> <li>Application Number <ul> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application</li> <li>Number <ul> <li>Filing Date</li> </ul> </li> </ul>	:H02J3/46,H01M10/48,H02J7/00 :NA :NA :NA :PCT/JP2011/005236 :16/09/2011 o:WO 2013/038458 :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)HITACHI LTD.</li> <li>Address of Applicant :6 6 Marunouchi 1 chome Chiyoda ku</li> <li>Tokyo 1008280 Japan</li> <li>(72)Name of Inventor :</li> <li>1)ISHIDA Takaharu</li> <li>2)RISSEN Kazumi</li> <li>3)WATANABE Tohru</li> </ul>

#### (57) Abstract :

There is a request for charging and discharging of a lithium ion battery with as less degradation as possible. In an operation using only binary values as in conventional technology however in a charged state in which the battery is used there is a high possibility that the battery is used toward accelerating the degradation thereof. In a power distribution device for distributing power between a plurality of batteries and a plurality of customers when distributing the power of the batteries to the loads of the customers by being based at least on the degradation information of the batteries the state of charge and the temperature data of the batteries a battery discharging function is achieved that makes the degradation of the batteries minimum.

No. of Pages : 64 No. of Claims : 14

#### (19) INDIA

(22) Date of filing of Application :17/02/2014

#### (43) Publication Date : 09/01/2015

<ul> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> </ul>	:61/627363 :11/10/2011 :U.S.A. :PCT/US2012/059392 :09/10/2012 :WO 2013/055701 :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)LIN Joe <ul> <li>Address of Applicant :18020 Hobart Blvd. Gardena CA 90248</li> <li>U.S.A.</li> <li>(72)Name of Inventor :</li> <li>1)LIN Joe</li> </ul> </li> </ul>
	:NA :NA	

#### (54) Title of the invention : DIODE CELL MODULES

#### (57) Abstract :

Diode cell modules for use within photovoltaic systems including lead frames including first leads extending from the first outlet terminal second leads spaced from the first leads second outlet terminals extending from the second leads and diodes. In some examples first leads define base portions connected to the first outlet terminal and diode portions extending from the base portions transverse to the first outlet terminal. In some examples second leads may define a base portion and diode portions extending from the base portion substantially parallel to the diode portion of the first lead. Sn some examples diodes may be in electrical contact with the diode portion of the first lead and with the diode portion of the second lead. In some examples the first leads and second leads may be thermally conductive. In some examples diodes may define die interfaces that are substantially fully engaged with diode portions of leads.

No. of Pages : 35 No. of Claims : 20

### (22) Date of filing of Application :18/02/2014

#### (43) Publication Date : 09/01/2015

#### (54) Title of the invention : HYBRID COMPONENT AND METHOD FOR PRODUCING A HYBRID COMPONENT

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No</li> </ul>	:10 2011 112 298.6 :05/09/2011 :Germany :PCT/EP2012/061283	<ul> <li>(71)Name of Applicant :</li> <li>1)JOHNSON CONTROLS GMBH Address of Applicant :Industriestrae 20 30 51399 Burscheid Germany</li> <li>(72)Name of Inventor :</li> <li>1)FLEISCHHEUER Simon</li> <li>2)NDAGIJIMANA Robin</li> </ul>
Filing Date	:14/06/2012	3)MUND Harald
(87) International Publication No	:WO 2013/034323	4)FRISSE Nils 5)SARAVADE Anup
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	<sup>1</sup> :NA :NA	

(57) Abstract :

The invention relates to a hybrid component (1) that is formed by a profiled component (2) of a first material which is materially bonded in certain sections to a component (3) made of a second material and is connected by means of a form fit and/or force fit connection (7) outside the sections with a material bond (6). This creates sections that relieve the strains resulting from differing thermal expansion. The invention further relates to a method for producing a hybrid component (1).

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

(19) INDIA

(22) Date of filing of Application :17/02/2014

(43) Publication Date : 09/01/2015

		1
(51) International classification	:A61K31/164	(71)Name of Applicant :
(31) Priority Document No	:61/575073	1)NESTEC S.A.
(32) Priority Date	:15/08/2011	Address of Applicant : Avenue Nestle 55 CH 1800 Vevey
(33) Name of priority country	:U.S.A.	Switzerland
(86) International Application No	:PCT/US2012/049825	(72)Name of Inventor :
Filing Date	:07/08/2012	1)TISSOT FAVRE Delphine
(87) International Publication No	:WO 2013/025399	2)PAN Yuanlong
(61) Patent of Addition to Application	:NA	
Number	:NA :NA	
Filing Date	.NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : METHODS FOR AMELIORATING SYMPTOMS OR CONDITIONS CAUSED BY STRESS

(57) Abstract :

The invention provides methods for using fatty acid alkanolamides for ameliorating one or more symptoms or conditions caused by stress e.g. loss of appetite or for maintaining and enhancing nutrient and caloric intake by an animal under stress or that has experienced stress. Generally the fatty acid alkanolamides in amounts of from about 0.1 to about 1500 mg/kg/day before during or after stress preferably on a regular or daily basis as a component of a food composition or as a dietary supplement.

No. of Pages : 25 No. of Claims : 85

(19) INDIA

(22) Date of filing of Application :17/02/2014

#### (43) Publication Date : 09/01/2015

(54) Title of the invention : LINEAR PER	ISTALTIC PUMP	
<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> </ul>	:F04B43/12 :61/575233 :17/08/2011 :U.S.A. :PCT/EP2012/065250 :03/08/2012 :WO 2013/023939	<ul> <li>(71)Name of Applicant :</li> <li>1)NESTEC S.A. Address of Applicant :Av. Nestl 55 CH 1800 Vevey Switzerland</li> <li>(72)Name of Inventor :</li> <li>1)BARON Rick</li> </ul>
<ul> <li>(61) Patent of Addition to Application</li> <li>Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:NA :NA :NA :NA	

#### (57) Abstract :

Linear peristaltic pump for pumping a fluid through a flexible tube (13) comprises a rotatable central member (34) with a plurality of radially disposed planetary gears (51 53). An offset roller (61 63) is disposed on each of the planetary gears (51 53). The flexible tube (13) is inserted between a generally flat compression surface (40) and at least one of the plurality of rollers (61 63). Rotation of the central member (34) enables the plurality of rollers (61 63) to serially collapse the flexible tube (13) and to move in a substantially linear motion along the generally flat compression surface (40) for pumping the fluid through the flexible tube (13).

No. of Pages : 40 No. of Claims : 16

(22) Date of filing of Application :18/02/2014

(43) Publication Date : 09/01/2015

(54) Title of the invention : DENTAL MATERIALS BASED ON MONOMERS HAVING DEBONDING ON DEMAND PROPERTIES

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application <ul> <li>Number</li> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application Number</li> </ul>	:11180645.1 :08/09/2011 :EPO :PCT/EP2012/067679 :10/09/2012 :WO 2013/034777 :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)IVOCLAR VIVADENT AG Address of Applicant :Bendererstr. 2 CH 9494 Schaan Liechtenstein</li> <li>(72)Name of Inventor :</li> <li>1)MOSZNER Norbert</li> <li>2)LAMPARTH Iris</li> <li>3)BOCK Thorsten</li> <li>4)FISCHER Urs Karl</li> <li>5)SALZ Ulrich</li> <li>6)RHEINBERGER Volker</li> </ul>
(62) Divisional to Application Number	:NA	6)RHEINBERGER Volker
Filing Date	:NA	7)LISKA Robert

(57) Abstract :

The invention relates to a dental material which comprises a thermolabile or photolabile polymerizable compound of the formula (I): [(Z) Q X)] T [Y Q (Z)](formula (I)) in which T is a thermolabile or photolabile group Z and Z each independently are a polymerizable group selected from vinyl groups CH=CR CO O and CH=CR CO NR or are an adhesive group selected from Si(OR) COOH O PO(OH) PO(OH) SOOH and SH with at least one Z or Zbeing a polymerizable group Q independently in each case is absent or is an (m+1) valent linear or branched aliphatic C C radical which may be interrupted by O S CO O O CO CO NR NR CO O CO CO NR NR CO O CO CO NR NR CO O CO NR A and Y in each case independently are absent or are O S CO O CO CO NR NR CO O CO NR NR CO O NR CO NR R R R and R each independently are H or C C alkyl radical and k l m and n each independently are 1 2 or 3.

No. of Pages : 71 No. of Claims : 24

(19) INDIA

(22) Date of filing of Application :18/02/2014

(43) Publication Date : 09/01/2015

(51) International classification	:B63H1/12	(71)Name of Applicant :
(31) Priority Document No	:2011194367	1)IPMS Inc.
(32) Priority Date	:22/08/2011	Address of Applicant : Ginza ME Building Flo.2 8 10 6 Ginza
(33) Name of priority country	:Japan	Chuou ku Tokyo 1040061 Japan
(86) International Application No	:PCT/JP2012/071923	(72)Name of Inventor :
Filing Date	:22/08/2012	1)TOMIOKA Yasumitsu
(87) International Publication No	:WO 2013/027857	2)MURATA Kazuhisa
(61) Patent of Addition to Application	:NA	3)NAKATA Masayuki
Number	:NA	
Filing Date	.1 17 1	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(55) 11		•

#### (54) Title of the invention : WATER VESSEL PROPULSION APPARATUS

(57) Abstract :

The present invention provides a new structure of a water vessel propulsion apparatus with which it is possible to propel a water vessel even without employing screws. This water vessel propulsion apparatus (10) comprises a propulsion apparatus proper (12) which rotates about a rotation axis (X) which extends along the direction of propulsion of the water vessel an intake port (16) which is disposed on a surface of the propulsion apparatus proper (12) discharge ports (18) which are disposed on a surface of the propulsion apparatus proper (12) discharge ports (18) which are disposed on a surface of the propulsion apparatus proper (12) and a flow path (20) which joins the intake port (16) and the discharge ports (18). The intake port (16) is positioned further forward in the propulsion direction than the discharge ports (18). The discharge ports (18) are positioned further outward in the radial direction from the rotation axis (X) than the intake port (16). The flow path (20) in at least a portion which opens to the discharge ports (18) inclines from the propulsion direction and toward the aft of the water vessel. A water vessel (100) is propelled by the rotation of the propulsion apparatus proper (12) in the rotation direction of the rotation axis (X) by taking water in via the intake port (16) and discharging said water via the discharge ports (18).

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

(22) Date of filing of Application :13/02/2014

(43) Publication Date : 09/01/2015

### (54) Title of the invention : METHOD AND APPARATUS FOR PARTIALLY LAMINATING A COMPONENT IN PARTICULAR OF A MOTOR VEHICLE

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> </ul>	PCT/EP2012/066005 :16/08/2012	<ul> <li>(71)Name of Applicant :</li> <li>1)JOHNSON CONTROLS INTERIORS GMBH &amp; CO. KG Address of Applicant :M¼lhausener Strae 35 47929 Grefrath Germany</li> <li>(72)Name of Inventor :</li> <li>1)UYSAL Etem Ibrahim</li> <li>2)KLUSMEIER Werner</li> </ul>
<ul> <li>(61) Patent of Addition to</li> <li>Application Number</li> <li>Filing Date</li> <li>(62) Divisional to Application</li> <li>Number</li> <li>Filing Date</li> </ul>	:NA :NA <sup>h</sup> :NA :NA	

#### (57) Abstract :

The invention relates to a method and an apparatus at least for partially laminating a component (1) in particular of a motor vehicle having a film (2) which is cut to a width which is selected to be slightly greater than a region (1.1) to be laminated of the component (1) wherein the film (2) is heated on both sides and is arranged in an upper die (4) wherein the component (1) is provided with an adhesive (8) and is arranged in a lower die (5) wherein the adhesive (8) is heated to be activated and a tool formed by the upper die (4) and the lower die (5) is closed for a pressing operation.

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

(22) Date of filing of Application :13/02/2014

(43) Publication Date : 09/01/2015

#### (54) Title of the invention : PLASMA TORCH AND TORCH HANDLE HAVING ERGONOMIC FEATURES

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application</li> <li>No</li> <li>Filing Date</li> <li>(87) International Publication</li> <li>No</li> <li>(61) Patent of Addition to</li> <li>Application Number</li> <li>Filing Date</li> <li>(62) Divisional to Application</li> <li>Number</li> <li>Filing Date</li> </ul>	:H05H1/34,B23K9/00,B23K10/00 :13/213910 :19/08/2011 :U.S.A. :PCT/US2012/051273 :17/08/2012 :WO 2013/028486 :NA :NA :NA	<ul> <li>(71)Name of Applicant : <ol> <li>1)ILLINOIS TOOL WORKS INC.</li> <li>Address of Applicant :155 Harlem Avenue Glenview Illinois</li> <li>60025 U.S.A.</li> <li>(72)Name of Inventor : <ol> <li>1)LEITERITZ Nathan Gerald</li> <li>2)GIESSLER Stefan</li> <li>3)MARCUSEN David Paul</li> </ol> </li> </ol></li></ul>
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(57) Abstract :

A plasma torch having a torch handle is provided. The plasma torch handle may be formed from a soft material and a hard material. Additionally the plasma torch handle includes a thumb contour formed from the soft material and a finger contour formed from the soft material. In one embodiment the plasma torch handle forms an angle of about 80° with the torch head. Plasma cutting systems having the plasma torch and handle are also provided.

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

(19) INDIA

(22) Date of filing of Application :14/02/2014

(54) Title of the invention : VEHICLE SEAT

#### (43) Publication Date : 09/01/2015

(51) International classification	:B60R22/195,B60N2/427	(71)Name of Applicant :
(31) Priority Document No	:11508413	1)BAE SYSTEMS H,,GGLUNDS AKTIEBOLAG
(32) Priority Date	:16/09/2011	Address of Applicant :S 891 82 –rnskldsvik Sweden
(33) Name of priority country	:Sweden	(72)Name of Inventor :
(86) International Application No	:PCT/SE2012/050969	1)CARLSSON Martin
Filing Date	:13/09/2012	
(87) International Publication No	:WO 2013/039448	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.117	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
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(57) Abstract :

The invention relates to a vehicle seat comprising a base portion (2) for attachment in a vehicle (4); a seat bottom part (12) with a top side (18) and an underside (20) which seat bottom part (12) is attached to the base portion (2); a waist belt (26) which extends between the seat bottom part s (12) sides. At least one hinge mechanism (28; 28) that is adjustable between a first and a second position is arranged at the base portion (2). The waist belt (26) is attached to the hinge mechanism (28; 28) so that the waist belts (26) position in relation to the seat bottom part (12) changes when one on the seat bottom part (12) acting force reaches a predetermined value which force leads the hinge mechanism (28; 28) from the first to the second position.

No. of Pages : 18 No. of Claims : 12

(21) Application No.1214/DELNP/2014 A

(22) Date of filing of Application :18/02/2014

(43) Publication Date : 09/01/2015

#### (54) Title of the invention : INTERNET OF THINGS LAWFUL INTERCEPTION

<ul><li>(51) International classification</li><li>(31) Priority Document No</li><li>(32) Priority Date</li><li>(33) Name of priority country</li></ul>	:G06K19/07,H04B5/00,H04L12/26 :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)TELEFONAKTIEBOLAGET LM ERICSSON (publ) Address of Applicant :S 164 83 Stockholm Sweden</li> <li>(72)Name of Inventor :</li> <li>1)ATTANASIO Francesco</li> </ul>
(86) International Application No Filing Date	:PCT/SE2011/051071 :05/09/2011	
(87) International Publication No	:WO 2013/036177	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The present invention relates to methods and arrangements for providing a Law Enforcement Agency (200) with things data related to one or more target identifies using a Radio Frequency Identification (RFID) Data Manager (124) which is managing RFID data traffic comprising things data in a Radio Frequency Data system wherein said manager (124) is provided with an Intercepting Control Element (ICE;160). The invention further involves receiving to the Intercepting Control Element (160) a request to intercept dynamic and optionally static things and optionally static things data related to one or more target identities. It further involves collecting in the Intercepting Control Element (160) dynamic things and optionally static things data related to one or more target identities for which things data has been requested and forwarding the collected data to a Law Enforcement Management Function unit.

No. of Pages : 46 No. of Claims : 19

(22) Date of filing of Application :18/02/2014

(43) Publication Date : 09/01/2015

(54) Title of the invention : GEODETIC SURVEYING SYSTEM AND METHOD WITH MULTIPLE TARGET TRACKING FUNCTIONALITY

<ul><li>(51) International classification</li><li>(31) Priority Document No</li><li>(32) Priority Date</li><li>(33) Name of priority country</li></ul>	:G01C15/00,G01S17/66,E02F3/84 :11181118.8 :13/09/2011 :EPO	<ul> <li>(71)Name of Applicant :</li> <li>1)HEXAGON TECHNOLOGY CENTER GMBH Address of Applicant :Heinrich Wild Strasse CH 9435 Heerbrugg Switzerland</li> </ul>
<ul> <li>(86) International Application</li> <li>No</li> <li>Filing Date</li> <li>(87) International Publication</li> </ul>	:PCT/EP2012/067870 :12/09/2012	(72)Name of Inventor : 1)METZLER Bernhard
No (61) Patent of Addition to	:WO 2013/037848 :NA	
Application Number Filing Date (62) Divisional to Application Number	:NA :NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a surveying system for surveying and tracking a movable target object (3) that defines a target point wherein the surveying system firstly comprises a surveying device (1 11) with a sighting unit defining a target axis and a detector for generating a continuously current amount of deviation signal dependent on a deviation from an optimal target orientation and secondly comprises a second unit on the target object side for providing a functionality independent of the surveying device (1 11) for continuously determining movements and/or positions of the target object (3) with reference to an external coordinate system. According to the invention the surveying system comprises a target point tracking mode in which automatically controlled by a control unit (7) according to a predefined algorithm respective first measurement data currently generated by the first unit that is at least dependent on the respective current orientation of the target axis and the respective current amount of deviation signal and respective second measurement data currently generated by the second unit that is dependent on the respective currently determined movements and/or positions of the target object (3) are continuously aggregated more particularly accumulated and on the basis thereof a control signal is derived for continuous automatic motorized modification of the target axis orientation in such a manner that the target axis continuously aims at the target point.

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

(22) Date of filing of Application :14/02/2014

(43) Publication Date : 09/01/2015

#### (54) Title of the invention : PROCESS FOR THE MANUFACTURE OF A CAPACITOR FILM

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application</li> <li>No</li> <li>Filing Date</li> <li>(87) International Publication</li> <li>No</li> <li>(61) Patent of Addition to</li> <li>Application Number</li> </ul>	:C08J5/18,H01G4/18,C08F210/06 :11179322.0 :30/08/2011 :EPO :PCT/EP2012/066729 :29/08/2012 :WO 2013/030210 :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)BOREALIS AG <ul> <li>Address of Applicant :IZD Tower Wagramerstrae 17 19 A</li> </ul> </li> <li>(72)Name of Inventor : <ul> <li>1)DENIFL Peter</li> <li>2)J,,,,SKEL,,INEN Pirjo</li> <li>3)LEINONEN Timo</li> <li>4)MALM Bo</li> <li>5)NYMARK Anders E.</li> <li>6)VESTBERG Torvald</li> </ul> </li> </ul>
Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Process for producing of a capacitor film comprising the steps of (a) polymerizing propylene in the presence of a catalyst comprising a solid catalyst system obatining a polypropylene (b)subjecting said polypropylene to a film forming process obtaining a capacitor film wherein during the polymerization step (a) said catalyst comprising the solid catalyst system fragments into nanosized catalyst fragments being distributed in said polypropylene said solid catalyst system comprises a transition metal a metal which is selected from one of the groups 1 to 3 of the periodic table (IUPAC) and an internal electron donor.

No. of Pages : 75 No. of Claims : 24

(21) Application No.1137/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :14/02/2014

(43) Publication Date : 09/01/2015

(51) International classification	:F16L33/08	(71)Name of Applicant :
(31) Priority Document No	:13/188103	1)IDEAL CLAMP PRODUCTS INC.
(32) Priority Date	:21/07/2011	Address of Applicant :8100 Tridon Drive Smyrna TN 37167
(33) Name of priority country	:U.S.A.	U.S.A.
(86) International Application No	:PCT/US2012/047600	(72)Name of Inventor :
Filing Date	:20/07/2012	1)BOWATER Bruce D.
(87) International Publication No	:WO 2013/013152	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		1

#### (54) Title of the invention : HOSE CLAMP WITH RIPPLED SPRING LINER

(57) Abstract :

An improved hose clamp having an annular band having an inner face tensioning means and an annular spring liner; the spring liner having a circumferential shoulder near an edge of the liner; and a central cylindrical rippled contact portion of smaller circumference than the shoulder and of smaller width than the inner face of the band. The shoulder is adapted to abut the inner face and the contact portion is adapted to contact a hose or other article to be clamped. The ripples may be symmetric for example sinusoidal or asymmetric such as saw tooth shaped.

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

(22) Date of filing of Application :17/02/2014

(43) Publication Date : 09/01/2015

#### (54) Title of the invention : ELECTRONICALLY CONTROLLED ELEVATOR

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application Not Filing Date</li> <li>(87) International Publication Not</li> <li>(61) Patent of Addition to</li> <li>Application Number Filing Date</li> <li>(62) Divisional to Application</li> <li>Number Filing Date</li> </ul>	:20/04/2012	<ul> <li>(71)Name of Applicant : <ol> <li>HITACHI LTD.</li> <li>Address of Applicant :6 6 Marunouchi 1 chome Chiyoda ku</li> </ol> </li> <li>Tokyo 1008280 Japan</li> <li>(72)Name of Inventor : <ol> <li>INOUE Shinsuke</li> <li>YOSHIKAWA Toshifumi</li> <li>HOSHINO Takamichi</li> <li>TAKAYAMA Naoki</li> <li>YOSHIMOTO Shinji</li> <li>KAWASHIRI Shinya</li> <li>NAYA Hidemitsu</li> <li>MATSUDO Takashi</li> <li>IWAMOTO Akira</li> </ol> </li> </ul>
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(57) Abstract :

The purpose of the present invention is to secure the safety of maintenance workers when inspection is to be executed by the maintenance workers and not let elevator service deteriorate even in a skyscraper with long elevator travel. An electronically controlled elevator provided with a safety controller (1) for giving instructions to have a brake be activated by a safety switch is also provided with a position/speed detection apparatus for detecting the position and speed of an elevator cage and an inter floor distance database in which distances between floors are stored. The electronically controlled elevator sets a constricted operation region within which constricted operation is to be executed at consecutive floors excluding a specific floor determines a speed monitoring curve that prescribes for the constricted operation region a speed limit in accordance with the position of the elevator cage on the basis of the inter floor distance database and makes the safety controller activate the brake when the elevator cage exceeds the speed limit.

No. of Pages : 32 No. of Claims : 8

(22) Date of filing of Application :17/02/2014

#### (43) Publication Date : 09/01/2015

## (54) Title of the invention : SINGLE PHASE LITHIUM DEFICIENT LITHIUM MULTICOMPONENT TRANSITION METAL OXIDE HAVING A LAYERED CRYSTAL STRUCTURE AND A METHOD FOR PRODUCING THE SAME

(51) International classification	:C01G53/00,C01G51/00,H01M4/48	(71)Name of Applicant : 1)HANWHA CHEMICAL CORPORATION
(31) Priority Document No	:1020110072132	Address of Applicant :1 Janggyo dong Jung gu Seoul 100 797
(32) Priority Date	:20/07/2011	Republic of Korea
(33) Name of priority country	:Republic of Korea	(72)Name of Inventor :
(86) International Application	:PCT/KR2012/005412	1)PARK Sei Ung
No	:09/07/2012	2)RYU Ju Suk
Filing Date		3)SONG Kyu Ho
(87) International Publication	:WO 2013/012192	4)OH Si Jin
No		5)LEE Dong Suek
(61) Patent of Addition to	:NA	6)LIM Seong Jae
Application Number	:NA	7)JUNG Ki Taeg
Filing Date		8)HAN Kyoo Seung
(62) Divisional to Application	:NA	
Number	:NA	
Filing Date		

#### (57) Abstract :

The present invention relates to a single phase lithium deficient lithium multicomponent transition metal oxide having a layered crystal structure represented by the formula LiM1M2M3M4O wherein M1 is one or more transition metals having an oxidation number of +3; M2 is one or more transition metals having an oxidation number of +4; M3 is one or more transition metals having an oxidation number of +5; M4 is one or more elements having an oxidation number of +2; x+2y z>0; x+y+z<1; 0<a<1; 0<x<0.75; 0=y<0.6; and 0=z<0.3.

No. of Pages : 43 No. of Claims : 13

(22) Date of filing of Application :19/02/2014

(43) Publication Date : 09/01/2015

## (54) Title of the invention : METHOD OF MANUFACTURING A HIGH STRENGTH CONCRETE PLATE MEMBER HAVING A SUPERIOR SURFACE AS WELL AS A HIGH STRENGTH CONCRETE PANEL MANUFACTURED BY SAID METHOD

(51) International classification	:B28B1/16,B28B1/32,B28B1/52	
(31) Priority Document No	:PA 2011 00558	1)GB HOLDING H~JBJERG APS
(32) Priority Date	:19/07/2011	Address of Applicant :Elverdalsvej 75 DK 8270 H jbjerg
(33) Name of priority country	:Denmark	Denmark
(86) International Application N	o :PCT/DK2012/050257	(72)Name of Inventor :
Filing Date	:06/07/2012	1)SERWIN Bo
(87) International Publication No	o :WO 2013/010544	
(61) Patent of Addition to	:NA	
Application Number	:NA	
Filing Date	.NA	
(62) Divisional to Application	:NA	
Number		
Filing Date	:NA	

(57) Abstract :

Method of manufacturing a high strength concrete plate member comprising the steps of: first spraying an outer skin layer (20) against a mould (1) where said outer skin layer (20) is a reinforced high strength concrete mix comprising fibres said outer skin layer (20) having a thickness of between 2 mm to 10 mm; secondly backfilling (22) with a high strength concrete vertically or horizontally having a layer thickness between 10 mm and 100 mm allowing the two layers (20 22) to harden and chemically react hydraulicly or pozzolanicly together to finally form one monolithic layer. removing the mould (1).

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

(21) Application No.1096/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :14/02/2014

(43) Publication Date : 09/01/2015

#### (54) Title of the invention : COMMUTATOR METHOD FOR MANUFACTURING COMMUTATOR AND ELECTRIC MOTOR

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No <ul> <li>Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> </ul> </li> <li>Number <ul> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application Number <ul> <li>Filing Date</li> </ul> </li> </ul>	:H02K13/00,H02K15/02 :2011185459 :29/08/2011 :Japan :PCT/JP2012/060743 :20/04/2012 :WO 2013/031285 :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)MITSUBA Corporation <ul> <li>Address of Applicant :2681 Hirosawa cho 1 chome Kiryu shi</li> </ul> </li> <li>Gunma 3768555 Japan <ul> <li>(72)Name of Inventor :</li> <li>1)YAMADA Yuichi</li> <li>2)YAMAGISHI Taku</li> <li>3)OKADA Kazuma</li> <li>4)ISODA Minoru</li> <li>5)IMAIZUMI Keiichi</li> </ul> </li> </ul>
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(57) Abstract :

This commutator (8) for an electric motor is equipped with: a roughly cylindrical commutator main body part (81) formed of resin; multiple plate shaped commutator pieces (82) formed of an electroconductive material and arranged so as to be affixed to the outer peripheral surface of the commutator main body part (81) with approximately identical pitch in the circumferential direction; and risers (83) which are respectively formed integrally on one end of each of the multiple commutator pieces (82) and extend so as to bend up toward the other end of and face the commutator pieces (82) and on which coil wires (W) of the electric motor are wound. In addition engaging means (83a) are provided at the tips of the risers (83) of the commutator (8) to prevent the wound coil wires (W) from detaching when fusing occurs.

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

(22) Date of filing of Application :17/02/2014

(43) Publication Date : 09/01/2015

(54) Title of the invention : REGULATORS HAVING AN ISOLATED LOADING CHAMBER AND BLOWOUT PREVENTION APARATUS

1) International classification:G05D16/101) Priority Document No:13/2071862) Priority Date:10/08/20113) Name of priority country:U.S.A.6) International Application No:PCT/US2012/0496877) International Publication No:WO 2013/0228127) International Publication No:WO 2013/0228121) Patent of Addition to Application:NAFiling Date:NA2) Divisional to Application Number:NAFiling Date:NA	<ul> <li>(71)Name of Applicant :</li> <li>1)TESCOM CORPORATION <ul> <li>Address of Applicant :12616 Industrial Blvd. Elk River MN</li> </ul> </li> <li>55330 U.S.A.</li> <li>(72)Name of Inventor : <ul> <li>1)OLBRISCH Moritz Klaus</li> <li>2)PATTERSON Daryll Duane</li> <li>3)RAPSCH Falk</li> </ul> </li> </ul>
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#### (57) Abstract :

Fluid regulators are described. An example regulator includes a regulator body defining a sensing chamber between an inlet and an outlet of a fluid flow passageway of the fluid regulator. A bonnet is coupled to the regulator body and defines a loading chamber disposed adjacent the sensing chamber. The loading chamber is substantially sealed relative to the sensing chamber and an environment surrounding the fluid regulator. A sensor guide is disposed between the sensing chamber and the loading chamber and has at least one seal to fluidly isolate the loading chamber from the sensing chamber. The sensor guide has a vent flow path between the sensing chamber and the loading chamber to vent the sensing chamber during a failure condition of the at least one seal.

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

(19) INDIA

(22) Date of filing of Application :17/02/2014

(43) Publication Date : 09/01/2015

#### (51) International classification :H04B7/02 (71)Name of Applicant : (31) Priority Document No :13/190194 1)CORTINA SYSTEMS INC. (32) Priority Date Address of Applicant :1376 Bordeaux Drive Sunnyvale :25/07/2011 (33) Name of priority country California 94089 U.S.A. :U.S.A. (86) International Application No :PCT/US2012/040020 (72)Name of Inventor : **1)FARHOODFAR Arash** Filing Date :30/05/2012 (87) International Publication No :WO 2013/015876 2)KSCHISCHANG Frank R. (61) Patent of Addition to Application 3)SMITH Benjamin P. :NA Number **4)HUNT Andrew** :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

### (54) Title of the invention : TIME VARYING DATA PERMUTATION APPARATUS AND METHODS

(57) Abstract :

Multiple data permutation operations in respective different dimensions are used to provide an overall effective data permutation using smaller blocks of data in each permutation than would be used in directly implementing the overall permutation in a single permutation operation. Data that has been permuted 5 in one permutation operation is block interleaved and the interleaved data is then permuted in a subsequent permutation operation. A matrix transpose is one example of block interleaving that could be applied between permutation operations.

No. of Pages : 35 No. of Claims : 21

(22) Date of filing of Application :17/02/2014

(43) Publication Date : 09/01/2015

### (54) Title of the invention : A METHOD AND SERVER FOR MONITORING USERS DURING THEIR BROWSING WITHIN A COMMUNICATIONS NETWORK

#### (57) Abstract :

A method for monitoring browsers (B) for a communications network (N) wherein a monitoring server contains a set of monitoring elements and implements: a step (E1) of receiving a monitoring element request from a browser (B) a step (E2) of determining whether the request is a first request from the browser if so a step (E3) of calculating an identifier for the browser then a step (E4) of determining a cache duration value associated with each monitoring element of the set and a step (E5) of transmitting the set of monitoring elements and associated values to the browser; if not a step (E6) of determining the browser s identifier based on the monitoring elements requested in the request.

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

(19) INDIA

(22) Date of filing of Application :19/02/2014

(43) Publication Date : 09/01/2015

#### (54) Title of the invention : SOYBEAN EVENT pDAB9582.814.19.1 DETECTION METHOD

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number</li> </ul>	:61/511658 :26/07/2011 :U.S.A. :PCT/US2012/048311 :26/07/2012 :WO 2013/016520 :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)DOW AGROSCIENCES LLC Address of Applicant :9330 Zionsville Road Indianapolis IN 46268 U.S.A.</li> <li>(72)Name of Inventor :</li> <li>1)CLARK Lauren</li> <li>2)SMITH Kelley Ann</li> <li>3)WANG Yang</li> <li>4)ZHOU Ning</li> </ul>
11		
e		
	:WO 2013/016520	2)SMITH Kelley Ann
(61) Patent of Addition to Application	·NA	3)WANG Yang
Number	:NA	4)ZHOU Ning
Filing Date	.11/1	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Soybean Event pDAB9582.814.19.1 comprises genes encoding Cry1F Cry1Ac (synpro) and PAT affording insect resistance and herbicide tolerance to soybean crops containing the event and enabling methods for crop protection and protection of stored products. The invention provides PCR event detection methods.

No. of Pages : 64 No. of Claims : 1

#### (19) INDIA

(22) Date of filing of Application :14/02/2014

(54) Title of the invention : CERMET POWDER

#### (43) Publication Date : 09/01/2015

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> </ul>	:C22C29/06,B22F9/02 :10 2011 112 435.0 :06/09/2011 :Germany :PCT/EP2012/067210 :04/09/2012 :WO 2013/034544	<ul> <li>(71)Name of Applicant :</li> <li>1)H.C. STARCK GMBH Address of Applicant :Im Schleeke 78 91 38642 Goslar </li> <li>Germany (72)Name of Inventor : 1)ZIMMERMANN Stefan 2)CRUES Banno</li></ul>
<ul> <li>(61) Patent of Addition to Application</li> <li>Number</li> <li>Filing Date</li> <li>(62) Divisional to Application Number</li> </ul>	:WO 2013/034344 :NA :NA :NA	2)GRIES Benno
Filing Date	:NA	

(57) Abstract :

The present invention relates to cermet powders to a method for producing a cermet powder and to use of the cermet powders for surface coating and as thermal spraying powder. The invention further relates to a method for producing a coated component comprising the application of a coating by thermal spraying of the cermet powder and also to a coated component which is obtainable by the method.

No. of Pages : 23 No. of Claims : 26

(19) INDIA

(22) Date of filing of Application :17/02/2014

(43) Publication Date : 09/01/2015

#### (54) Title of the invention : CONNECTION ELEMENT OF THE HEADREST POLES ON A SEAT STRUCTURE

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:10 2011 111 057.0 ·24/08/2011	<ul> <li>(71)Name of Applicant :</li> <li>1)JOHNSON CONTROLS GMBH Address of Applicant :Industriestrae 20 30 51399 Burscheid Germany</li> <li>(72)Name of Inventor :</li> <li>1)FLEISCHHEUER Simon</li> <li>2)MUND Harald</li> <li>3)NDAGIJIMANA Robin</li> <li>4)KLINGSPOHN Jutta</li> <li>5)ABRAHAM James</li> <li>6)WERNER Hans Georg</li> <li>7)PELLENZ Wolfgang</li> <li>8)FRISSE Nils</li> </ul>
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(57) Abstract :

The invention relates to a connection element (2) of a headrest pole on a seat structure (1 9) of a motor vehicle seat said connection element comprising a connection profile (3) which receives the headrest pole and/or a headrest pole housing. Said connection profile (3) protrudes through a lateral wall of the seat structure (1 9).

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

(21) Application No.1145/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :17/02/2014

(43) Publication Date : 09/01/2015

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application <ul> <li>Number</li> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application Number <ul> <li>Filing Date</li> </ul> </li> </ul>	:E01B1/00 :10 2011 081 991.6 :01/09/2011 :Germany :PCT/EP2012/066598 :27/08/2012 :WO 2013/030149 :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)BAYER INTELLECTUAL PROPERTY GMBH Address of Applicant :Alfred Nobel Str. 10 40789 Monheim Germany</li> <li>(72)Name of Inventor :</li> <li>1)ERWE Torsten</li> <li>2)GRIMBERG Frank</li> <li>3)GROSS Thomas</li> <li>4)KLEINER Thomas</li> </ul>
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#### (54) Title of the invention : METHOD FOR PRODUCING BALLAST BODIES

(57) Abstract :

The invention relates to a method for producing load transferring regions in a ballast body of a track superstructure by introducing curable liquid plastics or reactive plastic mixtures from a mixing unit by means of at least two distributor pipes with outlets into the load transferring regions and allowing the plastic or the reactive plastic mixture to cure in said load transferring regions. The two distributor pipes with outlets are positioned on the left or on the right from the outside of the rails into the region between the two rails such that the outlets are located adjacent to each other and are laterally spaced from the front face (3) of the tie (2) that has the load transferring region to be reinforced. The two outlets are opened in order to allow the plastic or the reactive plastic mixture to exit at a controlled rate. Each distributor pipe outlet is guided to the respective end face (4 4 ) of the tie (2) from the inside to the outside in a lateral manner with respect to the front face (3) of the tie (2) and around the respective end face (4 4 ) of the tie (2) into the region between the two rails (9 9 ) such that the outlets are located adjacent to each other and are laterally spaced from the rear face (5) of the tie (2).

No. of Pages : 23 No. of Claims : 1

(19) INDIA

(22) Date of filing of Application :19/02/2014

#### (43) Publication Date : 09/01/2015

(54) Title of the invention : WALL CONS	STRUCTION SYSTEM	
<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No <ul> <li>Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> </ul> </li> <li>Number <ul> <li>Filing Date</li> <li>(62) Divisional to Application Number</li> <li>Filing Date</li> </ul> </li> </ul>	:E04B2/02 :13/213361 :19/08/2011 :U.S.A.	<ul> <li>(71)Name of Applicant :</li> <li>1)WEBER Mark R. Address of Applicant :10500 South Hamilton Avenue Chicago IL 60643 U.S.A.</li> <li>(72)Name of Inventor :</li> <li>1)WEBER Mark R.</li> </ul>

(57) Abstract :

A wall construction system includes a plurality of leveling blocks arranged in a first course wherein each leveling block including an upper surface a wall defining a leveling block void and at least one leveling component having a leveling plate that engages the wail and at least one threaded adjuster extending through the plate A plurality of field blocks is arranged in a second course atop the first course wherein each field block includes a lower surface that interfits with the upper surface of at least one of the leveling blocks and a wall defining a field block void aligned with the leveling block void of the one leveling block. A cementitious material is disposed in an aligned field block void and leveling block void of at least one of the field blocks and at least one of the leveling block void of at least one of the field blocks and at least one of the leveling block void of at least one of the field blocks and at least one of the leveling block void of at least one of the field blocks and at least one of the leveling block void of at least one of the field blocks and at least one of the leveling block void of at least one of the field blocks and at least one of the leveling blocks respectively.

No. of Pages : 48 No. of Claims : 26

(22) Date of filing of Application :19/02/2014

(43) Publication Date : 09/01/2015

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

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> </ul>	:H04W16/14,H04W52/18 :2011184323 :26/08/2011 :Japan :PCT/JP2012/065483 :18/06/2012 :WO 2013/031337 :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)SONY CORPORATION <ul> <li>Address of Applicant :1 7 1 Konan Minato ku Tokyo 1080075</li> </ul> </li> <li>Japan <ul> <li>(72)Name of Inventor :</li> <li>1)KIMURA Ryota</li> <li>2)SAWAI Ryo</li> </ul> </li> </ul>
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
<ul><li>(62) Divisional to Application Number Filing Date</li></ul>	:NA :NA	

#### (57) Abstract :

To obviate the occurrence of excessive interference from wireless signals transmitted by slave nodes during the operation of a secondary system. [Solution] Provided is a communication control device equipped with: an information acquisition unit for acquiring first information associated with the position of the guard area of a first wireless communication system and second information associated with the position of the master node of a second wireless communication system operating secondarily using the frequency channel used by the first wireless communication system; a determination unit that uses the first and second information to determine whether the interval between the reference point of the first wireless communication system and the master node satisfies conditions corresponding to the width of the guard area and the predicted communication range of the second wireless communication system; and a controller for causing the second wireless communication system to operate at a given transmission power when it is determined that the interval satisfies the conditions.

No. of Pages : 56 No. of Claims : 15

### (22) Date of filing of Application :13/02/2014

(43) Publication Date : 09/01/2015

### (54) Title of the invention : RELOCATABLE POWER TAP WITH SURGE SUPPRESSION OR SURGE PROTECTION AND A METHOD FOR ITS MANUFACTURE

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application <ul> <li>Number</li> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application Number <ul> <li>Filing Date</li> </ul> </li> </ul>	:14/07/2011 :WO 2013/009310 :NA :NA :NA	<ul> <li>(71)Name of Applicant : <ol> <li>BARTON Bruce</li> <li>Address of Applicant :9 Tulip Street Huntington NY 11743</li> <li>U.S.A.</li> </ol> </li> <li>(72)Name of Inventor : <ol> <li>BARTON Bruce</li> </ol> </li> </ul>
Filing Date	:NA	

#### (57) Abstract :

A relocatable power tap includes surge suppression or surge protection for affording improved safety in which the metal oxide varistors (MOVs) of the surge protectors or surge suppressors are encased or enveloped in cement or concrete and which relocatable power tap is preferably formed as part of an electrical power strip. The method for manufacturing the relocatable power tap includes the step of encasing or enveloping the metal oxide varistors (MOVs) of the surge protector or surge suppressor in cement or concrete or similar fire resistant material.

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

(22) Date of filing of Application :14/02/2014

(43) Publication Date : 09/01/2015

#### (54) Title of the invention : STABILIZER BARRIER DISC AND WOUND DRESSING COMPRISING STABILIZER METHOD FOR CONTROLLING THE POSITION OF A WOUND DRESSING OR BARRIER DISC AND METHOD FOR FACILITATING DRAINAGE FROM A WOUND DRESSING OR BARRIER DISC IN NEGATIVE PRESSURE WOUND TREATMENT

(51) International classification	:A61M27/00,A61B17/02,A61F13/00	(71)Name of Applicant : 1)Shieldheart Medtech AB
(31) Priority Document No	:SE 11005477	Address of Applicant : Magle Stora Kyrkogata 6 S 223 50
(32) Priority Date	:19/07/2011	Lund Sweden
(33) Name of priority country	:Sweden	(72)Name of Inventor : 1)MALMSJ- Malin
(86) International Application No Filing Date	:PCT/SE2012/050804 :06/07/2012	2)INGEMANSSON Richard 3)LINDSTEDT INGEMANSSON Sandra 4)RICHARDSSON Ola
(87) International Publicatio No	<sup>n</sup> :WO 2013/012381	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A stabilizer for stabilization of a position of a wound dressing or barrier disc (11) for use in negative pressure wound therapy NPWT or for stabilization of a barrier disc or wound dressing and/or maintenance of a drainage capacity of a wound dressing for use in NPWT is arranged to protrude from a surface of the wound dressing or barrier disc (11). A barrier disc (11)and a wound dressing comprising such a stabilizer are also disclosed as well as a method for controlling the position of a wound dressing or barrier disc (11) in NPWT and a method for maintaining or facilitating drainage from a wound dressing or barrier disc in NPWT.

No. of Pages : 59 No. of Claims : 15

(22) Date of filing of Application :17/02/2014

(43) Publication Date : 09/01/2015

#### (54) Title of the invention : IMPACT DETECTION AND ACOUSTIC EMISSION DATA PROCESSING

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(31) Priority Date</li> <li>(32) Priority Date</li> <li>(33) Name of priority</li> <li>(34) Name of priority</li> <li>(35) Name of priority</li> <li>(36) International</li> <li>(37) International</li> <li>Publication No</li> <li>(61) Patent of Addition to</li> <li>Application Number</li> <li>Filing Date</li> <li>(62) Divisional to</li> <li>Application Number</li> <li>Filing Date</li> <li>(62) Divisional to</li> <li>Application Number</li> <li>Filing Date</li> <li>(52) Divisional to</li> <li>Application Number</li> <li>Filing Date</li> <li>(53) NA</li> </ul>	4,G01N29/48 (71)Name of Applicant : 1)BAE SYSTEMS PLC Address of Applicant :6 Carlton Gardens London SW1Y 5AD U.K. (72)Name of Inventor : 1)READ Ian James 2)JOHN Ryan Nichols 3)MACPHERSON William Neil
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#### (57) Abstract :

A method and apparatus for processing measurements of an acoustic wave the acoustic wave being within a member (12) made of a composite material and caused by an impact to the member (12) the method comprising: analysing the measurements to detect an initial acoustic wave feature; analysing the measurements to detect the presence of further acoustic wave features the further features occurring after the initial feature; if there are no further acoustic wave features determining that the impact to the member (12) has not changed the structure of the member (12); if there are further features determining a value of a function of the further acoustic wave features; if the determined value satisfies certain criteria determining that the impact has changed the structure of the member (12); and if the determined value does not satisfy the criteria determining that the impact has not changed the structure of the member (12). By doing so impact induced damage is detected and quantified by processing separately acoustic data generated by the impact from acoustic data generated by acoustic emission due to damage generation.

No. of Pages : 28 No. of Claims : 15

(19) INDIA

(22) Date of filing of Application :19/02/2014

(43) Publication Date : 09/01/2015

(51) International classification	:G05B15/02	(71)Name of Applicant :
(31) Priority Document No	:13/217898	1)PRAXAIR TECHNOLOGY INC.
(32) Priority Date	:25/08/2011	Address of Applicant :39 Old Ridgebury Road Danbury CT
(33) Name of priority country	:U.S.A.	06810 U.S.A.
(86) International Application No	:PCT/US2012/051520	(72)Name of Inventor :
Filing Date	:20/08/2012	1)SINGHAL Ashish
(87) International Publication No	:WO 2013/028588	2)BLOUIN Stephane
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		1

### (54) Title of the invention : AIR SEPARATION PLANT CONTROL

(57) Abstract :

A method of controlling an air separation plant and a control system to optimize production of an argon product produced by the plant. A computer program is continually executed that has models of each column of the plant a condenser reboiler and an argon reflux condenser. The models contain stage models of each stage of separation within each of the columns that when assembled are able to calculate current values of controlled variables in response to input variables applied to the models. The controlled variables serve as an input to a controller that controls manipulated variables comprising flow rates of an air feed stream to the air separation plant a product oxygen stream removed from the lower pressure column and the crude argon feed stream such that the controlled variables are within a targeted range selected to optimize the production of the argon product.

No. of Pages : 38 No. of Claims : 10

(19) INDIA

(22) Date of filing of Application :13/02/2014

(43) Publication Date : 09/01/2015

(51) International classification	:B23F19/10	(71)Name of Applicant :
(31) Priority Document No	:61/534989	1)THE GLEASON WORKS
(32) Priority Date	:15/09/2011	Address of Applicant :1000 University Avenue P.o. Box
(33) Name of priority country	:U.S.A.	22970 Rochester NY 14692 2970 U.S.A.
(86) International Application No	:PCT/US2012/054370	(72)Name of Inventor :
Filing Date	:10/09/2012	1)AUGSBURG Markus
(87) International Publication No	:WO 2013/039807	
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(57) 11 (		

#### (54) Title of the invention : METHOD FOR CHAMFERING BEVEL GEARS

(57) Abstract :

A chamfering method comprising defining a tooth edge utilizing theoretical data defining an actual tooth edge utilizing the theoretical tooth edge data defining a motion path of a chamfering tool and chamfering the actual tooth edge by moving the chamfering tool and the actual tooth edge relative to one another according to the motion path to chamfer the actual tooth edge.

No. of Pages : 22 No. of Claims : 11

(19) INDIA

(22) Date of filing of Application :17/02/2014

(54) Title of the invention : ANTENNA DEVICE

#### (43) Publication Date : 09/01/2015

	DEVICE	
(51) International classification	:H01Q19/13,H01Q15/16	(71)Name of Applicant :
(31) Priority Document No	:2011184904	1)NEC Corporation
(32) Priority Date	:26/08/2011	Address of Applicant :7 1 Shiba 5 chome Minato ku Tokyo
(33) Name of priority country	:Japan	1088001 Japan
(86) International Application No	:PCT/JP2012/068106	(72)Name of Inventor :
Filing Date	:17/07/2012	1)TANABE Kosuke
(87) International Publication No	:WO 2013/031396	
(61) Patent of Addition to Application	:NA	
Number	:NA :NA	
Filing Date	.1174	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract :

An antenna device comprising: a reflective mirror that cuts out part of a paraboloid of revolution and forms an offset antenna; and a primary emitter that emits an elliptical cone shaped elliptical beam to the opening surface of the reflective mirror. The border of the opening surface of the reflective mirror is formed in an elliptical shape along the isolux line of the elliptical beam emitted from the primary emitter. As a result the reflective mirror border of this embodiment compensates for loss caused by reflective mirror spillover in a region jutting out from a virtual elliptical general reflective mirror border formed so as to be orthogonal to the axis of the beam incident to the opening surface of the reflective mirror. Reduction in illumination efficiency of the reflective mirror is compensated for in the region wherein the general reflective mirror border juts out further than the reflective mirror border of this embodiment.

No. of Pages : 21 No. of Claims : 10

(19) INDIA

(22) Date of filing of Application :18/02/2014

(43) Publication Date : 09/01/2015

#### (54) Title of the invention : CHIN HOLDER CHIN HOLDER SYSTEM AND MUSICAL INSTRUMENT

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application <ul> <li>Number</li> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application Number</li> <li>Filing Date</li> </ul>	:G10D3/18 :10 2011 053 285.4 :05/09/2011 :Germany :PCT/EP2012/067059 :03/09/2012 :WO 2013/034510 :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)WITTNER GMBH &amp; CO. KG Address of Applicant :B¼hlbergstrasse 5 6 88316 Isny Germany</li> <li>(72)Name of Inventor :</li> <li>1)VOCHEZER Georg</li> </ul>
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(57) Abstract :

The invention relates to a chin holder for a musical instrument comprising a chin rest a retaining device for retaining the chin rest on the musical instrument and at least one support foot by means of which the chin rest is supported on a soundboard of the musical instrument wherein the at least one support foot is detachably arranged on the chin rest.

No. of Pages : 42 No. of Claims : 25

(19) INDIA

(22) Date of filing of Application :18/02/2014

(43) Publication Date : 09/01/2015

(51) International classification	:G06T11/20	(71)Name of Applicant :
(31) Priority Document No	:61/541925	1)SIEMENS AKTIENGESELLSCHAFT
(32) Priority Date	:30/09/2011	Address of Applicant :Wittelsbacherplatz 2 80333 Munich
(33) Name of priority country	:U.S.A.	Germany
(86) International Application No	:PCT/US2012/057233	(72)Name of Inventor :
Filing Date	:26/09/2012	1)GROSSELE Hanspeter
(87) International Publication No	:WO 2013/049131	2)LUSTENBERGER Christof
(61) Patent of Addition to Application	:NA	3)RULE Thomas
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		1

(54) Title of the invention : MANAGEMENT SYSTEM USER INTERFACE FOR COMPARATIVE TREND VIEW

#### (57) Abstract :

Methods mediums and systems include use of a system manger application in a data processing system to manage a building automation system to display a trend view chart on a graphical user interface based on a trend view definition showing the changing value of point data over time from a building automation system device and to automatically display a comparative chart based on the trend view definition of historical point data from the building automation system device upon selection of a predefined comparative trend view button and an offset time period.

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

(22) Date of filing of Application :20/02/2014

(43) Publication Date : 09/01/2015

## (54) Title of the invention : MULTISTAGE PRESS DEVICE AND METHOD FOR MANUFACTURING INTERMEDIATE MOLD INCLUDED THEREIN

#### (57) Abstract :

A small multistage press device whose height is controlled and a method for manufacturing an intermediate mold included therein are provided. The present invention is a manufacturixlg step S1 of an intermediate mold 30 that is formed of a single member and is formed with a moldings surface on each of an upper surface and a lower surface. The manufacturing step S1 includes: a reinforcing step \$11 of reinforcing an evaporative pattern 40 that has a same shape as the intermediate mold 30 with a reinforcing member 50 that supp portions of the evaporative pattern 40 on which surfaces corresponding to tile two molding surfaces of the intermediate mold 30 are formed; a placing step \$12 of placing the evaporative pattern 40 in a flask 60 such that the surfaces corresponding to the two molding surfaces of the intermediate mold 30 are positioned along a perpendicular direction; a first sand filling step \$13 of pouring casting sand 70 into the flask 60; a second sand filling step 14 in which the casting sand 70 is 15 poured into the flask 60 after the flask 60 is tuxned upside down and the reinforcing member 50 is removed from the evaporative pattern 40; and a pouring step \$15 in which the evaporative pattern 40 is replaced by a molten metal. The nluitistage press device 1 includes at least one intermediate mold 30.

No. of Pages : 24 No. of Claims : 1

(22) Date of filing of Application :13/02/2014

(43) Publication Date : 09/01/2015

(54) Title of the invention : SURGICAL CUTTING AND FASTENING DEVICE WITH DESCENDIBLE SECOND TRIGGER ARRANGEMENT

Filing Date 4)STULEN Foster B. (87) International 2013/032777 Publication No 2013/032777 (61) Patent of Addition to 2013/032777 (61) Patent of Addition to 2013/032777 Filing Date 2013/032777 (62) Divisional to 2013/032777 (62) Divisional to 2013/032777 Filing Date 2013/032777 (63) Patent of Addition to 2013/032777 (64) Patent of Addition to 2013/032777 (65) MALAVIYA Prasanna	<ul> <li>(87) International</li> <li>Publication No</li> <li>(61) Patent of Addition to</li> <li>Application Number</li> <li>Filing Date</li> <li>(62) Divisional to</li> <li>Application Number</li> </ul>	:A61B18/14,A61B1//295,A61B1//29 :13/221410 :30/08/2011 :U.S.A. :PCT/US2012/051686 :21/08/2012 :WO 2013/032777 :NA :NA :NA	<ul> <li>1)ETHICON ENDO SURGERY INC. Address of Applicant :4545 Creek Road Cincinnati Ohio</li> <li>45242 U.S.A.</li> <li>(72)Name of Inventor : <ol> <li>JOHNSON Gregory W.</li> <li>SWAYZE Jeffrey S.</li> <li>HARRIS Jason L.</li> <li>STULEN Foster B.</li> </ol> </li> </ul>
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(57) Abstract :

A nested trigger assembly (128) for a surgical instrument may generally comprise a first trigger (130a) and a second trigger (130b) wherein the first trigger and the second trigger are movable together on a first stroke of the nested trigger assembly wherein the second trigger is configured to be biased away from the first trigger after the first stroke and before a second stroke and wherein the second trigger is configured to be moved toward to the first trigger during the second stroke. A surgical instrument (100) may generally comprise a shaft (106) comprising a proximal end and a distal end a handle (105) extending from the proximal end wherein the handle comprises a gripping portion (102) and a nested trigger assembly (128) extending from the handle. The nested trigger assemble may comprise one of a separable trigger assembly and a divisible trigger assembly.

No. of Pages : 47 No. of Claims : 20

### (22) Date of filing of Application :13/02/2014

(43) Publication Date : 09/01/2015

#### (54) Title of the invention : MAGNESIUM ALLOY AND RESORBABLE STENTS CONTAINING THE SAME

<ul> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application</li> <li>No <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication</li> <li>No</li> <li>(61) Patent of Addition to</li> <li>Application Number <ul> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application</li> </ul>	:PCT/EP2012/065974 :15/08/2012 :WO 2013/024124 :NA :NA	<ul> <li>(71)Name of Applicant : <ol> <li>MEKO LASERSTRAHL</li> </ol> </li> <li>MATERIALBEARBEITUNGEN E.K. <ul> <li>Address of Applicant :Im Kirchenfelde 12 14 31157 Sarstedt</li> </ul> </li> <li>Germany <ul> <li>HELMHOLTZ ZENTRUM GEESTHACHT ZENTRUM</li> </ul> </li> <li>FR MATERIAL UND KSTENFORSCHUNG GMBH</li> <li>(72)Name of Inventor : <ul> <li>STEKKER Michael</li> <li>HORT Norbert</li> <li>FEYERABEND Frank</li> </ul> </li> </ul>
Number Filing Date	:NA :NA	

(57) Abstract :

The present invention relates to a dysprosium containing magnesium alloy which can be decomposed under physiological conditions said alloy being especially suitable for the production of resorbable stents and to stents produced therefrom.

No. of Pages : 57 No. of Claims : 12

(22) Date of filing of Application :17/02/2014

(43) Publication Date : 09/01/2015

(54) Title of the invention : BLENDS OF POLYETHERIMIDE SULFONE AND POLY(ARYLENE SULFIDE) AND METHODS OF MAKING

#### (57) Abstract :

A composition comprising a compatible blend of i) 15 to 45 wt% of a linear poly(arylene sulfide) ii) 50 to 85 wt% of a polyetherimide sulfone; and iii) 1 to 3 wt% of a novolac resin having an average of 2 or more epoxy groups per molecule. The composition can comprise a polyetherimide. An article made from the composition has a property selected from the group of (i) tensile strength greater than or equal to 90 megaPascals (MPa) as determined by ASTM D638 (ii) an impact strength of greater than or equal to 3 kiloJoules per square meter (kJ/m) as determined by ASTM D256 (iii) an elongation at break greater than or equal to 3% as determined by ASTM D638 (iv) a heat distortion temperature greater than or equal to 160°C as determined by ASTM D648 and combinations of two or more of the foregoing properties.

No. of Pages : 22 No. of Claims : 21

(19) INDIA

(22) Date of filing of Application :19/02/2014

#### (43) Publication Date : 09/01/2015

#### (54) Title of the invention : METHOD FOR PRODUCING EDDN AND/OR EDMN BY CONVERTING FACH AND EDA

<ul> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No</li> <li>Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number</li> <li>Filing Date</li> <li>(62) Divisional to Application Number :</li> </ul>	:C07C209/48,C07C211/14 :11179583.7 :31/08/2011 :EPO :PCT/EP2012/066874 :30/08/2012 :WO 2013/030287 :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)BASF SE <ul> <li>Address of Applicant :67056 Ludwigshafen Germany</li> </ul> </li> <li>(72)Name of Inventor : <ul> <li>1)LUYKEN Hermann</li> <li>2)AHRENS Sebastian</li> <li>3)BRASCHE Gordon</li> <li>4)BALDAMUS Jens</li> <li>5)BAUMANN Robert</li> <li>6)HUGO Randolf</li> <li>7)JAEGLI Stephanie</li> <li>8)MELDER Johann Peter</li> <li>9)PASTRE Jrg</li> <li>10)BUSCHHAUS Boris</li> </ul> </li> </ul>
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(57) Abstract :

Method for converting formaldehyde cyanhydrin (FACH) with ethylenediamine (EDA) in a reactor with limited back mixing at a temperature of between 20 and 120°C characterised in that the dwell time in the reactor is 300 seconds or less.

No. of Pages : 60 No. of Claims : 14

(19) INDIA

(22) Date of filing of Application :20/02/2014

(86) International Application No

(87) International Publication No

(61) Patent of Addition to Application

(62) Divisional to Application Number

Filing Date

Filing Date

Filing Date

(43) Publication Date : 09/01/2015

#### (54) Title of the invention : EXTRUSION PRESS AND CONTROL METHOD FOR EXTRUSION PRESS (51) International classification :B21C31/00,B21C51/00 (71)Name of Applicant : (31) Priority Document No 1)UBE MACHINERY CORPORATION LTD. :2011192212 (32) Priority Date :05/09/2011 Address of Applicant :1980 Aza Okinovama Oaza Kogushi (33) Name of priority country Ube shi Yamaguchi 7558633 Japan :Japan

:01/08/2012

:NA

:NA

:NA

:NA

(72)Name of Inventor : :PCT/JP2012/069621 1)YAMAMOTO Takeharu :WO 2013/035462 2)YAKUSHIGAWA Atsushi 3)NAKANO Koji

#### (57) Abstract :

Number

Provided are an extrusion press and control method for an extrusion press, provided with a means which can 5 prevent phenomena in which a billet is blown out during an extrusion process as well as prevent billet blowout with a simple and inexpensive constitution. The extrusion press drives a main cylinder device (12) to extrude, bymeans of a stem (24), a billet (20) filled into a 10 container (18) from a die (16) and form a product (20A). A gap measurement means (60) that measures a gap, during the extrusion process, arising at the container seal surface formed by pressing the die side end surface of the container (18) against the container side end surface 15 of the die (16) is provided on an end platen (10) on the outer edge part of the container side end surface of the die (16). When the gap arising during the extrusion process is measured and the measured value is within a predetermined range of allowable values, a set value for 20 the extrusion rate is lowered and a warning is issued. When the measured value exceeds the predetermined allowable values, the extrusion process is stopped.

No. of Pages : 19 No. of Claims : 2

(22) Date of filing of Application :17/02/2014

(43) Publication Date : 09/01/2015

#### (54) Title of the invention : FLUID REGULATOR WITH BLEED VALVE

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No</li> <li>Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number</li> </ul>	:PCT/US2012/051190 :16/08/2012 :WO 2013/028472 :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)EMERSON PROCESS MANAGEMENT REGULATOR</li> <li>TECHNOLOGIES INC.</li> <li>Address of Applicant :310 East University Drive Mckinney</li> <li>TX 75070 U.S.A.</li> <li>(72)Name of Inventor :</li> <li>1)VASQUEZ Ernesto</li> <li>2)DAAKE Sheryl L.</li> </ul>
Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A process fluid regulator includes a regulator body having a fluid inlet and a fluid outlet connected by a fluid flow path. A control element is disposed within the fluid flow path the control element cooperating with a seat to control fluid flow through the regulator body. An actuator is attached to the regulator body the actuator providing force to move the control element relative to the seat. The actuator includes a housing and a diaphragm within the housing the diaphragm dividing the actuator housing into an upper chamber and a lower chamber. A high pressure bleed valve is attached to the lower chamber to vent residual gas from the lower chamber which creates additional volume for process liquid in the lower chamber. This additional volume improves effectiveness and response time of the process fluid regulator.

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

(22) Date of filing of Application :17/02/2014

(43) Publication Date : 09/01/2015

(54) Title of the invention : METHODS AND COMPOSITIONS FOR PROTECTING BEVERAGES FROM HEAT AND LIGHT STRESS

(51) International classification	:A23L2/58,A23L2/68,A23L2/02	(71)Name of Applicant :
(31) Priority Document No	:13/216324	1)PEPSICO INC.
(32) Priority Date	:24/08/2011	Address of Applicant :700 Anderson Hill Road Purchase New
(33) Name of priority country	:U.S.A.	York 10577 U.S.A.
(86) International Application No	D:PCT/US2012/048831	(72)Name of Inventor :
Filing Date	:30/07/2012	1)TIWARI Rashmi
(87) International Publication No	:WO 2013/028314	2)ROJANASASITHARA Thananunt
(61) Patent of Addition to	:NA	3)ROY Glenn Michael
Application Number	:NA	
Filing Date	.INA	
(62) Divisional to Application	:NA	
Number		
Filing Date	:NA	

(57) Abstract :

Beverage products containing a color derived from a natural source or its synthetic equivalent further include a compound selected from a hydroxymethane sulfonic acid (HMSA) and ergothioneine to inhibit fading of the color derived from a natural source or its synthetic equivalent. Methods of making the beverages with reduced color change are further provided.

No. of Pages : 49 No. of Claims : 17

(22) Date of filing of Application :19/02/2014

(43) Publication Date : 09/01/2015

#### (54) Title of the invention : PROCESS FOR THE CHLORINATION OF A HYDROXYLATED ORGANIC COMPOUND

<ul><li>(51) International</li><li>classification</li><li>(31) Priority Document No</li><li>(32) Priority Date</li></ul>	:C07B39/00,C07D301/26,C07C29/62 :11180744.2 :09/09/2011	<ul> <li>(71)Name of Applicant :</li> <li>1)AKZO NOBEL CHEMICALS INTERNATIONAL B.V. Address of Applicant :Stationsstraat 77 NL 3811 MH Amersfoort Netherlands</li> </ul>
(33) Name of priority country	:EPO	(72)Name of Inventor : 1)TEN KATE Antoon Jacob Berend
(86) International Application No Filing Date	:PCT/EP2012/067354 :06/09/2012	2)KOOLAARD Andr Michiel 3)RENKEMA Eilertdina Henderika 4)DIRIX Carolina Anna Maria Christina
(87) International Publication No	:WO 2013/034612	5)VERTOMMEN Luc Louis Thophile
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Process for the chlorination of an organic compound comprising at least one aliphatic hydroxyl group said process comprising the steps of actively adding to said organic compound (i) hydrogen chloride and (ii) a HCl desolubilizer or a precursor thereof and heating the resulting mixture at a reaction temperature in the range 20° 160°C wherein said chlorination is performed in the presence of a catalyst selected from the group consisting of (a) ketones (b) aldehydes (c) carboxylic acids with 1 8 carbon atoms (d) organic compounds comprising a diketone moiety or a keto aldehyde moiety and (e) organic polymers comprising at least one carbonyl group having a vapour pressure at the reaction temperature of less than 1 mbar a weight average molecular weight M of 500 g/mole or more and are soluble in the reaction mixture at the reaction temperature and wherein the HCl desolubilizer is an alkali metal chloride salt or an acid.

No. of Pages : 25 No. of Claims : 15

(22) Date of filing of Application :19/02/2014

(43) Publication Date : 09/01/2015

### (54) Title of the invention : ULTRA REFRACTORY MATERIAL THAT IS STABLE IN A WET ENVIRONMENT AND PROCESS FOR MANUFACTURING SAME

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number Filing Data</li> </ul>	:C04B35/515,C04B35/58,C04B41/52	<ul> <li>(71)Name of Applicant :</li> <li>1)HERAKLES <ul> <li>Address of Applicant :Les Cinqs Chemins Rue de Touban F</li> </ul> </li> <li>33185 Le Haillan France <ul> <li>(72)Name of Inventor :</li> <li>1)COURCOT Emilie</li> <li>2)THEBAULT Jacques</li> <li>3)SAUVEROCHE Anne</li> </ul> </li> </ul>
Filing Date	.NA	

(57) Abstract :

A refractory material that is high temperature resistant in an oxidizing medium contains at least hafnium boride and tantalum boride the hafnium and the tantalum being present in the refractory material exclusively in compound form.

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

(22) Date of filing of Application :20/02/2014

(43) Publication Date : 09/01/2015

### (54) Title of the invention : HIGH STRENGTH GALVANIZED STEEL SHEET HAVING SUPERIOR BENDABILITY AND METHOD FOR PRODUCING SAME

<ul><li>(51) International classification</li><li>(31) Priority Document No</li><li>(32) Priority Date</li><li>(33) Name of priority country</li></ul>	:C22C38/00,B21B3/00,C21D9/46 :2011167436 :29/07/2011 :Japan	<ul> <li>(71)Name of Applicant :</li> <li>1)NIPPON STEEL &amp; SUMITOMO METAL</li> <li>CORPORATION</li> <li>Address of Applicant :6 1 Marunouchi 2 chome Chiyoda ku</li> </ul>
<ul> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to</li> </ul>	:PCT/JP2012/069260 :27/07/2012 :WO 2013/018739	Tokyo 1008071 Japan (72)Name of Inventor : 1)KAWATA Hiroyuki 2)MARUYAMA Naoki 3)MURASATO Akinobu 4)MINAMI Akinobu
Application Number Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA :NA	5)YASUITakeshi 6)KUWAYAMA Takuya 7)YONEMURA Shigeru

(57) Abstract :

The present invention provides a high-strength galvanized steel sheet with maximum tensile strength of 900 MPa or more. The highstrength galvanized steel sheet has an alloyed galvanized layer formed on a surface of 5 a base steel sheet containing predetermined amounts of C, Si, Mn, P, S, Al, N, O with a balance being constituted of iron and inevitable impurities, in which in a structure of the base steel sheet, retained austenite is limited to 8% or less in volume fraction, kurtosis K of the hardness distribution between 2% hardness and 98% hardness is -0.30 or less, a ratio between Vickers hardness 10 of surface layer of the base steel sheet and Vickers hardness of 1/4 thickness of the base steel sheet is 0.35 to 0.70, and a content of iron in the alloyed galvanized layer is 8 to 12% in mass%. 15

No. of Pages : 87 No. of Claims : 11

### (19) INDIA

(22) Date of filing of Application :14/02/2014

(43) Publication Date : 09/01/2015

#### (54) Title of the invention : MULTIPLE LAYER FILM CAPABLE OF LINEAR TEAR PROPAGATION

<ul> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application</li> <li>No</li> <li>Filing Date</li> <li>(87) International Publication</li> <li>No</li> <li>(61) Patent of Addition to</li> </ul>	:PCT/EP2012/003467 :15/08/2012	<ul> <li>(71)Name of Applicant :</li> <li>1)HUHTAMAKI FILMS GERMANY GMBH &amp; CO. KG Address of Applicant :Zweibr¼ckenstrasse 15 25 91301</li> <li>Forchheim Germany</li> <li>(72)Name of Inventor :</li> <li>1)SCHUHMANN Michael</li> <li>2)HUMMEL Henrik</li> <li>3)KELM Roland</li> </ul>
Application Number Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The present invention relates to a multiple layer film comprising a layer sequence consisting of a layer (a) based on at least one low density polyethylene (LDPE) having a density in the range of 0.915 to 0.930 g/ cm or a mixture of LDPE with at least one other acyclic C C olefin polymer or copolymer a layer (b) based on a mixture of at least one low density polyethylene (LDPE) having a density in the range of 0.915 to 0.930 g/ cm or a mixture of LDPE with at least one low density polyethylene (LDPE) having a density in the range of 0.915 to 0.930 g/ cm or a mixture of at least one low density polyethylene (LDPE) having a density in the range of 0.915 to 0.930 g/ cm or a mixture of LDPE with at least one low density polyethylene having a density in the range of 0.915 to 0.930 g/ cm or a mixture of LDPE with at least one other acyclic C Colefin polymer or copolymer characterized in that the tear propagation force of the multiple layer film both in the machine direction and also transversely to the machine direction is at most 1000 mN determined by the Elmendorf test according to DIN EN ISO 6383 2.

No. of Pages : 41 No. of Claims : 24

(22) Date of filing of Application :14/02/2014

(43) Publication Date : 09/01/2015

(54) Title of the invention : SYSTEM FOR DECOMPOSITION OF ORGANIC COMPOUNDS AND METHOD OF OPERATION THEREOF 

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:C02F3/02 :1112102.7 :14/07/2011 :U.K. :PCT/CN2012/078406 :10/07/2012 :WO 2013/007183 :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)LO Kwok Ki <ul> <li>Address of Applicant :1st Floor Kingsfield Centre 18 Shell</li> </ul> </li> <li>Street Hong Kong China <ul> <li>(72)Name of Inventor :</li> <li>1)LO Kwok Ki</li> </ul> </li> </ul>
Filing Date	:NA	

(57) Abstract :

Disclosed an aerobic system for decomposition of aqueous organic waste which comprises at least a first processing container including sides an upper opening a substantially horizontal floor an inlet an outlet at least one channel arranged at the floor having an upwardly opening mouth a ventilating pipe extending above the mouth and a pump connected to the pipe and arranged to provide a supply of a gas to the ventilating pipe.

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

(19) INDIA

(22) Date of filing of Application :17/02/2014

#### (43) Publication Date : 09/01/2015

(54) Title of the invention : STEAM GENERATOR SYSTEM			
<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No <ul> <li>Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> </ul> </li> <li>Number <ul> <li>Filing Date</li> <li>(62) Divisional to Application Number</li> <li>Filing Date</li> </ul> </li> </ul>	:F22B1/30,F22B35/00 :NA :NA :NA	<ul> <li>(71)Name of Applicant : <ul> <li>1)WOOD STONE IDEAS LLC</li> <li>Address of Applicant :1801 W. Bakerview Road Bellingham</li> </ul> </li> <li>WA 98226 U.S.A.</li> <li>(72)Name of Inventor : <ul> <li>1)COLBURN Michael George</li> <li>2)BOGNER Stephen J.</li> </ul> </li> </ul>	

#### (57) Abstract :

A system for generating steam from an electrolytic solution includes a steam generating tank a flow producing device an electric current measuring device and a controller. The steam generating tank includes a first electrode and a second electrode. The first electrode and the second electrode are arranged to contact the electrolytic solution when the electrolytic solution is provided in the steam generating tank. Electrical current flows between the first electrode and the second electrode through the electrolytic solution. The electrical current heats the electrolytic solution to produce the steam. The controller is connected to the flow producing device to to turn on and turn off provision of the electrolytic solution to said steam generating tank based on the electrical current measured by the electric current measuring device.

No. of Pages : 31 No. of Claims : 21

(19) INDIA

(22) Date of filing of Application :19/02/2014

(43) Publication Date : 09/01/2015

## (54) Title of the invention : LOCKING AND UNLOCKING KINETIC MOTION OF A MOP BASE

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application <ul> <li>Number</li> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application Number <ul> <li>Filing Date</li> </ul> </li> </ul>	:A47L13/258 :PD2011A000259 :03/08/2011 :Italy :PCT/IB2012/053891 :30/07/2012 :WO 2013/018022 :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant : <ol> <li>T.T.S. S.R.L.</li> <li>Address of Applicant :Viale dellArtigianato No. 12/14 I 35010</li> </ol> </li> <li>S.Giustina in Colle (PD) Italy</li> <li>(72)Name of Inventor : <ol> <li>ZORZO Renato</li> </ol> </li> </ul>
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#### (57) Abstract :

Locking and unlocking kinematic motion of a mop base and relative procedure for locking and unlocking making use of said kinematic motion aimed at holding a mop base in a stable position both open and closed.

No. of Pages : 19 No. of Claims : 12

(19) INDIA

(22) Date of filing of Application :19/02/2014

(43) Publication Date : 09/01/2015

(54) Title of the invention : IMPROVED MOP BASE		
<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application <ul> <li>Number</li> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application Number <ul> <li>Filing Date</li> </ul> </li> </ul>	:A47L13/258 :PD2011A000260 :03/08/2011 :Italy :PCT/IB2012/053892 :30/07/2012 :WO 2013/018023 :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant : <ol> <li>T.T.S. S.R.L.</li> <li>Address of Applicant :Viale dellArtigianato No. 12/14 I 35010</li> </ol> </li> <li>S.Giustina in Colle (PD) Italy</li> <li>(72)Name of Inventor : <ol> <li>ZORZO Renato</li> </ol> </li> </ul>

(57) Abstract :

Improved mop base capable of using both surfaces of a normal mop arranged parallel to one another.

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

(22) Date of filing of Application :20/02/2014

#### (43) Publication Date : 09/01/2015

#### (54) Title of the invention : INTRAVAGINAL DEVICES FOR DRUG DELIVERY

(57) Abstract :

Intravaginal drug delivery devices including intravaginal rings are provided herein. The devices include a reservoir of at least one vaginally administrable drug wherein the reservoir is surrounded at least in part by a hydrophilic elastomer. The devices are capable of exhibiting a substantially zero order release profile of drug over extended periods of time. Also disclosed are methods for making the devices and methods of using the devices to prevent or treat a biological condition.

No. of Pages : 58 No. of Claims : 55

(21) Application No.1198/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :18/02/2014

(43) Publication Date : 09/01/2015

#### (54) Title of the invention : METHODS AND APPARATUS HAVING BOREHOLE SEISMIC WAVEFORM COMPRESSION (51) International classification :E21B47/095 (71)Name of Applicant : (31) Priority Document No 1)HALLIBURTON ENERGY SERVICES INC. :61/543616 (32) Priority Date Address of Applicant :10200 Bellaire Boulevard Houston TX :05/10/2011 (33) Name of priority country 77072 U.S.A. :U.S.A. (86) International Application No :PCT/US2012/058330 (72)Name of Inventor : 1)STOLPMAN Victor Filing Date :01/10/2012 (87) International Publication No :WO 2013/052423 (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

An illustrative seismic while drilling system includes a drill string having at least one seismic sensor that can be employed to detect seismic signals during pauses in the drilling process e.g. when extending the length of the drill string. An embedded processor digitizes a signal from the seismic sensor to obtain a digital waveform and processes the digital waveform to derive a compressed waveform representation for storage or transmission. Compression is provided by adaptively reducing the sampling rate and quantization resolution subject to one or more quality constraints including e.g. error in first break timing error in first break sign mean square error and bit count. Reasonably good representations of the received acoustic waveforms can be achieve with less than 200 bits.

No. of Pages : 32 No. of Claims : 16

(21) Application No.1245/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :19/02/2014

(43) Publication Date : 09/01/2015

### (54) Title of the invention : SYSTEM AND METHOD FOR PROVISIONING INTERNET ACCESS TO A COMPUTING DEVICE

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application <ul> <li>Number</li> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application Number</li> <li>Eiling Date</li> </ul>	:61/527145 :25/08/2011 :U.S.A. :PCT/SG2012/000300 :23/08/2012 :WO 2013/028136 :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)SMART HUB PTE. LTD. Address of Applicant :100 Beach Road #25 06 Shaw Towers Singapore 189702 Singapore</li> <li>(72)Name of Inventor :</li> <li>1)BACAREZA Gio</li> <li>2)JOSON Eduardo Ramon G.</li> <li>3)VILLARICA Rodolfo Alberto A.</li> <li>4)PADUA Michael Charles Fernandez</li> <li>5)MENDIOLA Dennis</li> </ul>
Filing Date	:NA	

(57) Abstract :

A system and method for provisioning Internet access to a computing device comprising an Internet access adjustment facilitator arranged to receive a request from the computing device for adjusting Internet access from a paid Internet access mode to a toll free Internet access mode; and a whitelist in communication with the Internet access adjustment facilitator the whitelist maintaining a list of web resources available for toll free access by the computing device; wherein upon successful processing of the request the list of web resources are toll free for access by the computing device. The system may further be adapted for billing/charging based on either pay per specified time model or pay per action model.

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

(19) INDIA

(22) Date of filing of Application :19/02/2014

(43) Publication Date : 09/01/2015

(54) Title of the invention : LOCOMOTIVE DRIVER S CAB		
<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No <ul> <li>Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> </ul> </li> <li>Number <ul> <li>Filing Date</li> <li>(62) Divisional to Application Number</li> <li>Filing Date</li> </ul> </li> </ul>		<ul> <li>(71)Name of Applicant : <ul> <li>1)SIEMENS AKTIENGESELLSCHAFT</li> <li>Address of Applicant :Wittelsbacherplatz 2 80333 M<sup>1</sup>/<sub>4</sub>nchen</li> </ul> </li> <li>(72)Name of Inventor : <ul> <li>1)PORSCH Roland</li> <li>2)SCHAEPER Wilhelm</li> </ul> </li> </ul>

(57) Abstract :

In order to provide a locomotive driver s cab which allows the locomotive driver a comparatively long time for observing the route the locomotive driver s cab is equipped with a front vision display (3) with displaying (4) of rail vehicle relevant information in the field of vision of the locomotive driver.

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

(19) INDIA

(22) Date of filing of Application :19/02/2014

(54) Title of the invention · AN ENGINE SYSTEM

#### (43) Publication Date : 09/01/2015

(54) The of the invention . All ERONAL	STSTEN	1
(51) International classification	:F01N3/035,F01N3/20	(71)Name of Applicant :
(31) Priority Document No	:1114819.4	1)J C BAMFORD EXCAVATORS LTD
(32) Priority Date	:26/08/2011	Address of Applicant : Lakeside Works Rocester Uttoxeter
(33) Name of priority country	:U.K.	Staffordshire ST14 5JP U.K.
(86) International Application No	:PCT/GB2012/052084	(72)Name of Inventor :
Filing Date	:24/08/2012	1)PEASE Nicholas
(87) International Publication No	:WO 2013/030548	2)MELVILLE Joanne
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract :

An engine system comprising a. a diesel engine having particulate emissions such that a particle material (PM) reduction of < 50% is required to meet Tier 4 final and/or Stage IV or equivalent emissions standards PM limit for off highway engine systems; b. a reductant introduction point downstream of the diesel engine; c. a conduit immediately downstream of the reductant introduction point to enable mixing of the reductant with exhaust gases d. an SCR immediately downstream of the conduit with good low temperature activity such that a diesel oxidation catalyst (DOC) is not needed to make the required proportions of NO to NO2 to meet the NOx limit of the Tier 4 final / Stage IV emissions standards; e. an ammonia slip catalyst (ASC) downstream of the SCR acting to remove excess ammonia; and wherein the ASC and the SCR in combination act to remove excess PM.

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

(21) Application No.1295/DELNP/2014 A

(22) Date of filing of Application :20/02/2014

(43) Publication Date : 09/01/2015

#### (54) Title of the invention : COMBINED BINARY REFRIGERATION CYCLE APPARATUS

(32) Priority Date:22/08/2011(33) Name of priority country:Japan(86) International Application No:PCT/JP2012/071167(72)Filing Date:22/08/2012(87) International Publication No :WO 2013/0277572)	<ul> <li>(1)Name of Applicant :</li> <li>(1)Toshiba Carrier Corporation Address of Applicant :72 34 Horikawa cho Saiwai ku awasaki shi Kanagawa 2128585 Japan</li> <li>(2)Name of Inventor :</li> <li>(1)ASARI Shun</li> <li>(2)ZUSHI Takahiro</li> <li>(3)ENDO Takahisa</li> </ul>
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(57) Abstract :

Two high-temperature-side refrigeration circuits (Rla, Rib) comprising water-refrigerant heat exchangers (2A, 2B) which conduct heat exchange of a refrigerant 5 discharged from high-temperature-side compressors (5, 11) for water, and two low-temperature-side refrigeration circuits (R2a, R2b) comprising evaporators composed of air heat exchangers (21, 28) are mounted on the same housing (K). Each of the high- 10 temperature-side refrigeration circuits (Rla, Rib) is configured to exchange heat with both of the two low-temperature-side refrigeration circuits (R2a, R2b) by cascade heat exchangers (9, 15). A hot-water pipe letting water or hot water through water-refrigerant 15 heat exchangers (2A, 2B) of the high-temperature-side refrigeration circuits (Rla, Rib) is provided. Moreover, when the low-temperature-side refrigeration circuit (R2a) conducts a defrosting operation of the evaporator composed of the air heat exchanger, the two 20 low-temperature-side refrigeration circuits (R2a, R2b) releases heat in the cascade heat exchanger (15). Thus, the structures are simplified and the defrosting operation is conducted 25 while decreasing the temperature of water or hot water flowing through the hot-water pipe (H) as little as possible.

No. of Pages : 47 No. of Claims : 4

(22) Date of filing of Application :18/02/2014

(43) Publication Date : 09/01/2015

## (54) Title of the invention : METHOD AND APPARATUS FOR OPERATING AN ELECTRONICALLY COMMUTATED ELECTRICAL MACHINE IN THE EVENT OF A FAULT

<ul><li>(32) Priority Date</li><li>(33) Name of priority country</li><li>(86) International Application No</li></ul>	5	<ul> <li>(71)Name of Applicant :</li> <li>1)ROBERT BOSCH GMBH Address of Applicant :Postfach 30 02 20 70442 Stuttgart Germany</li> <li>(72)Name of Inventor :</li> <li>1)DITTMER Bernd</li> <li>2)HOFFMANN Ekkehard</li> </ul>
Filing Date (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 :

The invention relates to a method for operating a multiphase electrical machine (2) in the event of a fault wherein the electrical machine (2) is driven with the aid of a driver circuit (3) wherein the driver circuit (3) has half bridge circuits (31) each associated with a phase (U V W) and bridge paths (32) for connecting or disconnecting predetermined voltage potentials to/from the respective phases (U V W) of the electrical machine (2) wherein one or more of the bridge paths (32) are operated according to a first fault operating mode if a fault is detected wherein in the first fault operating mode the one or more bridge paths (32) are controlled in such a manner that said paths connect a first of the predetermined voltage potentials to the phase (U V W) via a predetermined electrical resistor.

No. of Pages : 17 No. of Claims : 13

(19) INDIA

(22) Date of filing of Application :18/02/2014

(43) Publication Date : 09/01/2015

#### (54) Title of the invention : WEAR OPTIMISED PRODUCTION OF CONICAL INJECTION HOLES

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:F02M61/16,F02M61/18 :A 1269/2011 :06/09/2011 :Austria :PCT/AT2012/000223 :28/08/2012 :WO 2013/033737 :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)ROBERT BOSCH GMBH Address of Applicant :Wernerstrae 51 70469 Stuttgart Feuerbach Germany</li> <li>(72)Name of Inventor :</li> <li>1)WERGER Heinrich</li> </ul>
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(57) Abstract :

The invention relates to a method for producing injection holes (12) in fuel injection nozzles for internal combustion engines in which the injection hole (12) is formed by means of at least one abrading manufacturing method wherein the injection nozzle (4) is subsequently subjected to a hardening treatment at least in the region of the injection hole (12) such that the injection hole surface (17) is hardened over the entire axial length thereof.

No. of Pages : 11 No. of Claims : 14

(22) Date of filing of Application :19/02/2014

(43) Publication Date : 09/01/2015

## (54) Title of the invention : ASSEMBLY FOR PRODUCING A THREADED JOINT FOR THE DRILLING AND OPERATION OF HYDROCARBON WELLS AND RESULTING THREADED JOINT

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number <ul> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application Number</li> </ul>	:E21B17/042,F16L15/00 :11/02769 :13/09/2011 :France :PCT/FR2012/000354 :10/09/2012 :WO 2013/038072 :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)VALLOUREC OIL AND GAS FRANCE Address of Applicant :54 rue Anatole France F 59620 Aulnoye Aymeries France</li> <li>(72)Name of Inventor :</li> <li>1)BESSE Jean Guillaume</li> </ul>
0	:NA :NA	

(57) Abstract :

The invention relates to an assembly for producing a threaded joint comprising first and second tubular components having axis of rotation (10). One of the ends (1 2) of each of the aforementioned components is provided with a first threaded zone (3 3a; 4 4a) formed on the outer or inner peripheral surface of the component depending on whether the threaded end is male or female and the threaded zones can be screwed to one another said ends (1 2) terminating at an end surface (7 8). The assembly is characterised in that according to a longitudinal cross section extending through axis (10) at least one of the threaded zones allows a profile corresponding to a continuous concave curved portion (C) extending over at least 10% of the length of the engaged threads of the threaded zone.

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

(22) Date of filing of Application :19/02/2014

(43) Publication Date : 09/01/2015

#### (54) Title of the invention : APPARATUS AND METHOD FOR CHANNELLING GROUNDWATER

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application</li> <li>No</li> <li>Filing Date</li> <li>(87) International Publication</li> <li>No</li> <li>(61) Patent of Addition to</li> <li>Application Number</li> <li>Filing Date</li> <li>(62) Divisional to Application</li> <li>Number</li> <li>Filing Date</li> </ul>	:PCT/IB2012/053996 :03/08/2012 :WO 2013/021333 :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)TARAPASKI William Ernest Address of Applicant :6616 Faber Crescent Delta British Columbia V4E 1J9 Canada</li> <li>(72)Name of Inventor :</li> <li>1)TARAPASKI William Ernest</li> </ul>
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(57) Abstract :

Embodiments described herein are related to water management units for extracting water from moist soil. The units extract water and collect it to be siphoned away as waste water or for later use. A water management unit comprising: an elongate collection portion; and an extraction portion arranged to discharge extracted water into the collection portion wherein the extraction portion comprises at least one rib extending laterally from the collection portion along a length of the collection portion. Water is collected by capillary action.

No. of Pages : 41 No. of Claims : 32

(22) Date of filing of Application :20/02/2014

(43) Publication Date : 09/01/2015

#### (54) Title of the invention : TREATMENT PROCESS FOR AN ISOMERIZATION UNIT

classification (31) Priority Document No :13/243825	<ul> <li>(71)Name of Applicant : <ul> <li>1)UOP LLC</li> <li>Address of Applicant :25 East Algonquin Road P. O. Box</li> </ul> </li> <li>5017 Des Plaines Illinois 60017 5017 U.S.A.</li> <li>(72)Name of Inventor : <ul> <li>1)NORTON Ralph Charles</li> <li>2)SULLIVAN Dana K.</li> <li>3)DAGUIO Jocelyn</li> </ul> </li> </ul>
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#### (57) Abstract :

One exemplary embodiment can be a process for treating an interior of equipment for an isomerization unit. Generally the isomerization unit includes at least one of a drying zone an isomerization reaction zone and a stabilizer zone for receiving a feed stream. Usually the feed stream includes one or more C4 C8 hydrocarbons. The process can include combining an anhydrous hydrogen stream and anhydrous organic chloride stream to form a hydrogen chloride feedstock and passing the hydrogen chloride feedstock to a reaction zone containing a catalyst including at least one of nickel palladium and platinum on an alumina support to form a hydrogen chloride stream upstream of the isomerization reaction zone.

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

(19) INDIA

(22) Date of filing of Application :18/02/2014

(43) Publication Date : 09/01/2015

#### (54) Title of the invention : AUTONOMOUS FLUID CONTROL SYSTEM HAVING A FLUID DIODE

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application <ul> <li>Number</li> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application Number</li> <li>Filing Date</li> </ul>	:E21B34/08,E21B43/12 :NA :NA :NA :PCT/US2011/061331 :18/11/2011 :WO 2013/074113 :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)HALLIBURTON ENERGY SERVICES INC. Address of Applicant :10200 Bellaire Blvd. Houston TX 77072 U.S.A.</li> <li>(72)Name of Inventor :</li> <li>1)ZHAO Liang</li> </ul>
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#### (57) Abstract :

Apparatus and methods for autonomously controlling fluid flow in a subterranean well are presented and in particular for providing a fluid diode to create a relatively high resistance to fluid flow in one direction and a relatively low resistance to fluid flowing in the opposite direction. The diode is positioned in a fluid passageway and has opposing high resistance and low resistance entries. In one embodiment the high resistance entry has a concave annular surface surrounding an orifice and the low resistance entry has a substantially conical surface. The concave annular surface of the high resistance entry preferably extends longitudinally beyond the plane of the orifice. In a preferred embodiment the fluid will flow in eddies adjacent the concave annular surface.

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

(22) Date of filing of Application :19/02/2014

(21) Application No.1249/DELNP/2014 A

(43) Publication Date : 09/01/2015

#### (54) Title of the invention : SOIL ADSORPTION POLYMERS

(51) International classification	:C08F220/00	(71)Name of Applicant :
(31) Priority Document No	:61/530058	1)THE PROCTER & GAMBLE COMPANY
(32) Priority Date	:01/09/2011	Address of Applicant :One Procter & Gamble Plaza Cincinnati
(33) Name of priority country	:U.S.A.	Ohio 45202 U.S.A.
(86) International Application No	:PCT/US2012/052950	(72)Name of Inventor :
Filing Date	:30/08/2012	1)SMITH Steven Daryl
(87) International Publication No	:WO 2013/033275	2)MCCHAIN Robert Joseph
(61) Patent of Addition to Application	:NA	3)MCKIERNAN Robin Lynn
Number	:NA	4)NEAL Charles William
Filing Date	.INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Soil adsorption polymers and method for making same are provided.

No. of Pages : 35 No. of Claims : 15

(19) INDIA

(22) Date of filing of Application :20/02/2014

(43) Publication Date : 09/01/2015

(51) International classification	:A47J31/36	(71)Name of Applicant :
(31) Priority Document No	:11178795.8	1)NESTEC S.A.
(32) Priority Date	:25/08/2011	Address of Applicant : Av. Nestl 55 CH 1800 Vevey
(33) Name of priority country	:EPO	Switzerland
(86) International Application No	:PCT/EP2012/066240	(72)Name of Inventor :
Filing Date	:21/08/2012	1)LARZUL David
(87) International Publication No	:WO 2013/026845	2)CHALENCON Julien
(61) Patent of Addition to Application	:NA	3)BESSON Fran§ois
Number	:NA	4)RITHENER Blaise
Filing Date	.INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(57) Ale stars at a		•

#### (54) Title of the invention : LONG LASTING CARTRIDGE PIERCER

(57) Abstract :

A device (1) for extracting an ingredient in a cartridge (9) by supplying an extraction liquid such as heated water into such cartridge comprises: upstream and downstream cartridge enclosing parts (7 8) relatively movable between an open position for inserting and/or removing such cartridge and a closed position for forming an extraction chamber (11) enclosing such cartridge during extraction; and at least one piercer selected from an upstream piercer (34) borne by the upstream part (7) for opening an upstream portion of such cartridge and a downstream piercer (30) borne by the downstream part (8) for opening a downstream portion of such cartridge. The at least one piercer (30 34) has a generally tapered shape in particular a tapered shape that has a truncation surface (35) delimiting a piercing edge (34). At least one tapered piercer (34) has a base with a reinforcing foot extending transversally away from the tapered shape in particular a foot having a body (34) extending around an entire periphery of the base and/or a body (34) extending radially or diagonally from the base.

No. of Pages : 25 No. of Claims : 15

(19) INDIA

(22) Date of filing of Application :20/02/2014

#### (43) Publication Date : 09/01/2015

	1
:A61F2/16	(71)Name of Applicant :
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:19/08/2011	Address of Applicant :Kollergang 9 NL 6961 LZ Eerbeek
:Netherlands	Netherlands
:PCT/NL2012/050579	(72)Name of Inventor :
:20/08/2012	1)WANDERS Bernardus Franciscus Maria
:WO 2013/028068	
٠NIA	
.INA	
:NA	
:NA	
	:A61F2/16 :2007285 :19/08/2011 :Netherlands :PCT/NL2012/050579 :20/08/2012 :WO 2013/028068 :NA :NA :NA

#### (54) Title of the invention : INTRAOCULAR LENS

#### (57) Abstract :

Intraocular lens (IOL) for insertion into the human eye. The IOL comprises an optic having a posterior surface for facing towards the posterior chamber of the human eye; an anterior surface for facing away from the posterior chamber of the human eye the anterior surface being at least substantially convex; a main lens formed by corresponding surface sections of the anterior and posterior surfaces the main lens having an optical axis and a base optical power; and an additional surface section at a distance from the optical axis the additional surface section comprising at least one additional section part the or each additional section part providing for an optical power different from the base optical power. The posterior surface is substantially flat or at least substantially concave and comprises a substantially flat or at least substantially concave main posterior surface section the main lens being formed by the anterior surface and the main posterior surface section comprising at distance from said optical axis said additional posterior surface section comprising said at least one additional section part providing for said optical power different from said optical axis said additional posterior surface section comprising said at least one additional section part providing for said optical power different from said base optical posterior section part providing for said optical power different from said base optical posterior section part providing for said optical power different from said base optical power.

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

(19) INDIA

(22) Date of filing of Application :17/02/2014

(43) Publication Date : 09/01/2015

(51) International classification	:A47J31/36	(71)Name of Applicant :
(31) Priority Document No	:11178791.7	1)NESTEC S.A.
(32) Priority Date	:25/08/2011	Address of Applicant : Av. Nestl 55 CH 1800 Vevey
(33) Name of priority country	:EPO	Switzerland
(86) International Application No	:PCT/EP2012/066295	(72)Name of Inventor :
Filing Date	:22/08/2012	1)LARZUL David
(87) International Publication No	:WO 2013/026856	2)CHALENCON Julien
(61) Patent of Addition to Application	:NA	3)BESSON Fran§ois
Number	:NA :NA	4)RITHENER Blaise
Filing Date	.11/1	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
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#### (54) Title of the invention : CARTRIDGE POSITIONING SYSTEM

(57) Abstract :

A device (1) for extracting an ingredient in a cartridge (9) by supplying an extraction liquid such as heated water into such cartridge comprises: upstream and downstream cartridge enclosing parts (7 8) relatively movable between an open position for inserting and/or removing such cartridge and a closed position for forming an extraction chamber (11) enclosing such cartridge during extraction; and a cartridge handling arrangement comprising a cartridge holder (10) in particular a holder fixed to or integral with the upstream part or the downstream part for receiving and holding such cartridge against gravity when inserted and descending under gravity between the enclosing parts in the open position prior to forming the extraction chamber (11). The handling arrangement further comprises at least one cartridge positioning element (39) in particular a pair of positioning elements that horizonally guides such cartridge (9) upon reception by the holder (10) in a cartridge extraction alignment (3 3 ) between the upstream and downstream parts (7 8) optionally the positioning element (s) (39) being fixed to or integral with the downstream part (8) and/or having an arched portion (39 ) for contacting such cartridge.

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

(19) INDIA

(22) Date of filing of Application :18/02/2014

(43) Publication Date : 09/01/2015

		1
(51) International classification	:H04W36/12	(71)Name of Applicant :
(31) Priority Document No	:13/227182	1)TELEFONAKTIEBOLAGET L M ERICSSON (PUBL)
(32) Priority Date	:07/09/2011	Address of Applicant :S 164 83 Stockholm Sweden
(33) Name of priority country	:U.S.A.	(72)Name of Inventor :
(86) International Application No	:PCT/IB2012/054029	1)JAISWAL Suraj
Filing Date	:07/08/2012	2)WEN Renhua
(87) International Publication No	:WO 2013/034997	
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

### (54) Title of the invention : 3G LTE INTRA EUTRAN HANDOVER CONTROL USING EMPTY GRE PACKETS

(57) Abstract :

Empty GRE packets are used to ensure in order delivery of data packets for a session to a UE during intra EUTRAN handover involving SGW relocation. In particular a PGW sends an empty GRE packet per PDN session of the UE to a source SGW upon handover execution to indicate the end of pre handover data packets delivered to the source SGW. Upon receipt of the empty GRE packet the source SGW generates an end marker packet and sends it to the source eNode B. The source eNode B forwards buffered pre handover data packets not delivered to the UE followed by the end marker packet to the target eNode B either directly (X2 interface) or indirectly (GTP U tunnel between source and target SGWs). The target e Node B then sends the pre handover data packets delivered to it by the PGW to the UE in order in reliance on the end marker packet.

No. of Pages : 30 No. of Claims : 16

(19) INDIA

(22) Date of filing of Application :18/02/2014

(43) Publication Date : 09/01/2015

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number <ul> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application Number</li> </ul>	:D04H3/16,D04H3/011 :61/527886 :26/08/2011 :U.S.A. :PCT/US2012/052290 :24/08/2012 :WO 2013/032912 :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)E. I. DU PONT DE NEMOURS AND COMPANY Address of Applicant :1007 Market Street Wilmington DE</li> <li>19899 U.S.A.</li> <li>(72)Name of Inventor :</li> <li>1)FENYVESI Gyorgyi</li> <li>2)HARMER Mark Andrew</li> <li>3)KANG Byoung Sam</li> <li>4)KRISHNAMURTHY Lakshmi</li> <li>5)REBOUILLAT Serge</li> </ul>
(62) Divisional to Application Number Filing Date	:NA :NA	

#### (54) Title of the invention : INSULATING MATERIAL COMPRISING NONWOVEN WEBS

(57) Abstract :

Insulating materials are provided the insulating materials comprising a nonwoven web comprising a plurality of continuous spunbonded polyester bicomponent fibers. Each of the plurality of bicomponent fibers comprises a) from about 20% by weight to about 80% by weight of poly(ethylene terephthalate) in a core and b) from about 80% by weight to about 20% by weight of poly(trimethylene terephthalate) in a sheath surrounding the core wherein the amounts in percent by weight are based on the total weight of each of the plurality of bicomponent fibers. Also provided are electrical apparatuses comprising the insulating materials and a dielectric fluid as well as a dielectic material comprising the nonwoven web impregnated with at least 10 weight percent of a dielectric fluid.

No. of Pages : 66 No. of Claims : 15

(21) Application No.1307/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :20/02/2014

(43) Publication Date : 09/01/2015

(54) Title of the invention : NETWORK W	VIDE FLOW MONITOR	ING IN SPLIT ARCHITECTURE NETWORKS
<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> </ul>	:H04L12/26 :13/232719 :14/09/2011 :U.S.A. :PCT/IB2012/054030 :07/08/2012 :WO 2013/038279	<ul> <li>(71)Name of Applicant :</li> <li>1)TELEFONAKTIEBOLAGET L M ERICSSON (PUBL) Address of Applicant :S 164 83 Stockholm Sweden</li> <li>(72)Name of Inventor :</li> <li>1)ZHANG Ying</li> </ul>
<ul> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:NA :NA :NA :NA	

#### (57) Abstract :

Flow monitoring tasks are assigned to a set of switches in a split architecture network to optimize network wide flow monitoring. The assignment maximizes the number of monitored flows and reduces overhead of the flow monitoring. A controller receives an estimated traffic volume for each path in the network. The controller calculates for all of the switches and all of the paths sampling fractions that maximize the number of the flows sampled by the switches. In response to a request for setting up a new flow to traverse one of the paths in the network the controller assigns the new flow to one of the switches that are located on the one of the paths based on the sampling fraction for the assigned switch and the one of the paths the bandwidth constraint and the memory constraint.

No. of Pages : 32 No. of Claims : 18

(22) Date of filing of Application :17/02/2014

(43) Publication Date : 09/01/2015

(54) Title of the invention : NOVEL ANTI CXCR4 ANTIBODY AND ITS USE FOR THE DETECTION AND DIAGNOSIS OF CANCER

<ul> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number</li> </ul>	:C07K16/28 :11306001.6 :29/07/2011 :EPO :PCT/EP2012/064883 :30/07/2012 :WO 2013/017566 :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)PIERRE FABRE MEDICAMENT Address of Applicant :45 place Abel Gance F 92100 Boulogne Billancourt France</li> <li>(72)Name of Inventor :</li> <li>1)KLINGUER HAMOUR Christine</li> <li>2)JOUHANNEAUD Alexandra</li> <li>3)JANIN BUSSAT Marie Claire</li> </ul>
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(57) Abstract :

The present invention provides a novel isolated anti CXCR4 antibody for use in the diagnosis of cancer. In particular the antibody of the invention recognizes monomeric and homodimeric CXCR4 but not heterodimeric CXCR4

No. of Pages : 65 No. of Claims : 36

(21) Application No.1204/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :18/02/2014

(43) Publication Date : 09/01/2015

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> </ul>	:G06Q30/02 :13/221686 :30/08/2011 :U.S.A. :PCT/US2012/053246 :30/08/2012 :WO 2013/033472	<ul> <li>(71)Name of Applicant :</li> <li>1)GOOGLE INC.</li> <li>Address of Applicant :1600 Amphitheatre Parkway Mountain</li> <li>View CA 94043 U.S.A.</li> <li>(72)Name of Inventor :</li> <li>1)SABUR Zaheed Md Shahjahan</li> </ul>
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

#### (54) Title of the invention : RECOMMENDING ITEMS TO USERS BASED ON SOCIAL GRAPH INFORMATION

(57) Abstract :

A system and machine implemented method is provided for providing a first user with an item recommendation by referencing a social graph of belongings including identifying a first belonging of one or more belongings associated with a first user of one or more users of a system identifying a second user of the one or more users the user being associated with a second belonging within a social graph of belongings corresponding to the first item wrherein the social graph of belongings defines an association between each of the one or more users and one or more belongings each of the one or more belongings being specific to a respective user and representing an item wherein the first belonging corresponds to a first item identifying a third belonging of the second user the third belonging corresponding to a second item and recommending the second item to the first user.

No. of Pages : 60 No. of Claims : 20

(22) Date of filing of Application :19/02/2014

(43) Publication Date : 09/01/2015

## (54) Title of the invention : HIGH MANGANESE STEEL WITH SUPERIOR WELDABILITY AND METHOD FOR MANUFACTURING HOT DIPPED GALVANIZED STEEL SHEET FROM SAME

<ul><li>(51) International classification</li><li>(31) Priority Document No</li><li>(32) Priority Date</li><li>(33) Name of priority country</li></ul>	n:C22C38/04,C22C38/58,C23C2/06 :1020110085845 :26/08/2011 :Republic of Korea	<ul> <li>(71)Name of Applicant :</li> <li>1)POSCO</li> <li>Address of Applicant :1 Koedong dong Nam gu Pohang si</li> <li>Kyungsangbook do 790 300 Republic of Korea</li> </ul>
<ul> <li>(86) International Application</li> <li>No</li> <li>Filing Date</li> <li>(87) International Publication</li> <li>No</li> </ul>	:PCT/KR2012/006713 :23/08/2012 :WO 2013/032173	<ul> <li>(72)Name of Inventor :</li> <li>1)CHIN Kwang Geun</li> <li>2)JEON Sun Ho</li> </ul>
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The present invention relates to high manganese steel with superior weldability and to a method for manufacturing hot dipped galvanized steel sheets from same. The high manganese steel according to one aspect of the present invention is characterized by comprising by weight %: C: 0.3 1%; Mn: 8 25%; Al: 1 8%; Si: 0.1 3.0%; Ti: 0.01 0.2%; Sn: 0.06 0.2%; and B: 0.0005 0.01% with the remainder being Fe and unavoidable impurities. The present invention may provide high manganese hot dipped galvanized steel sheets having high strength and processability and superior surface quality which can prevent plating failures caused by manganese.

No. of Pages : 31 No. of Claims : 5

(22) Date of filing of Application :19/02/2014

(43) Publication Date : 09/01/2015

# (54) Title of the invention : HEIGHT ADJUSTABLE HEAD RESTRAINT FOR A VEHICLE SEAT AND VEHICLE SEAT WITH A HEIGHT ADJUSTABLE HEAD RESTRAINT

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:B60N2/48 :10 2011 112 503.9 :07/09/2011 :Germany :PCT/EP2012/062992 :04/07/2012 :WO 2013/034332 :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)JOHNSON CONTROLS GMBH Address of Applicant :Industriestrae 20 30 51399 Burscheid Germany</li> <li>(72)Name of Inventor :</li> <li>1)MORILHAT Philippe</li> <li>2)PTASINSKY Mikulas</li> <li>3)PASTOREK Peter</li> </ul>
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#### (57) Abstract :

The invention relates to a height adjustable arrangement of a head restraint (2) on a vehicle seat. According to the invention the head restraint (2) or at least one cushion (3) of the head restraint (2) is fastened by means of a receiving plate (8) fixed on a framework to a receiving slide (14) of a height adjustment mechanism (7) wherein the receiving slide (14) is arranged in a height displaceable manner on at least one guide element (15) of the height adjustment mechanism (7) by means of at least two actuating pulls (17.1 17.2) acting in an opposed manner on the receiving slide (14) the guide element being arranged in or on a holding element (1) of the head restraint (2). Furthermore the invention relates to a vehicle seat with a height adjustable head restraint.

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

(22) Date of filing of Application :20/02/2014

(43) Publication Date : 09/01/2015

#### (54) Title of the invention : AQUEOUS COMPOSITION FOR ACCELERATING SECRETION OF ALPHA AMYLASE IN PLANT SEED GERMINATION

<ul> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number</li> </ul>	:61/527488 :25/08/2011 :U.S.A. :PCT/US2012/051928 :22/08/2012 :WO 2013/028795 :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)LOVELAND PRODUCTS INC. Address of Applicant :3005 Rocky Mountain Avenue Loveland CO 80538 U.S.A.</li> <li>(72)Name of Inventor :</li> <li>1)NG Denny</li> </ul>
	:NA	

#### (57) Abstract :

The present invention includes a seed treatment composition for the establishment of strong and healthy seedlings. The seed treatment composition can include ascorbic acid choline chloride and indole 3 butyric acid. The seed treatment composition can additionally include salicylic acid. In one embodiment the seed treatment composition includes between about 0.001% and about 2% ascorbic acid between about 0.001% and about 1.5% choline chloride and between about 0.00001% and about 0.5% indole 3 butyric acid by weight of the composition. A method of treating seeds with the seed treatment composition is also provided. While multiple embodiments are disclosed still other embodiments of the present invention will become apparent to those skilled in the art from the following detailed description which shows and describes illustrative embodiments of the invention.

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

(21) Application No.1238/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :19/02/2014

(43) Publication Date : 09/01/2015

#### (51) International classification (71)Name of Applicant : :H04L12/28 (31) Priority Document No 1)NAGRAVISION S.A. :11179835.1 (32) Priority Date Address of Applicant :Route de Gen<sup>"</sup>ve 22 24 CH 1033 :02/09/2011 (33) Name of priority country Cheseaux sur Lausanne Switzerland :EPO (86) International Application No :PCT/EP2012/066815 (72)Name of Inventor : Filing Date :30/08/2012 1)BURCKARD Antoine (87) International Publication No :WO 2013/030251 (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(54) Title of the invention : SYSTEM AND METHOD FOR CONTROLLING OPERATION OF CONSUMPTION APPLIANCES

#### (57) Abstract :

The present invention relates to a system and method for controlling the operating of at least one consumption appliance (31) by means of an automated selector switch (35) controlled by an energy saving device (40) connected to a management center (10) for switching said consumption appliance (31) between several operating modes namely at least a limited power default mode and a free power mode. The method comprising the steps of: keeping the consumption appliance (31) in its default power mode until receiving by the energy saving device (40) an authentic secured control message (11) sent from a management center (10) said control message (11) comprising a least a command onto the mode in which the consumption appliance (31) has to be switched then initializing a counter (44) with an initialization value triggering the counting of said counter (44) switching the consumption appliance (31) in the mode indicated by the command comprised in the control message (11) either until the counter (44) has reached a predefined threshold value or until the energy saving device (40) receives another authentic secured control message (11) from the management center (10) if the counter (44) has reached said predefined threshold value then switching the consumption appliance (31) in its default power mode if another authentic secured control message (11) has been received then returning to the step of initializing the counter (44).

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

(19) INDIA

(22) Date of filing of Application :20/02/2014

(43) Publication Date : 09/01/2015

(54) Title of the invention : SMART PHONE CRADLE AND CHARGER DEVICE AND METHOD		
<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No <ul> <li>Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> </ul> </li> <li>Number <ul> <li>Filing Date</li> <li>(62) Divisional to Application Number</li> <li>Filing Date</li> </ul> </li> </ul>	:H04B1/38,H02J7/00 :61/509819 :20/07/2011 :U.S.A.	<ul> <li>(71)Name of Applicant :</li> <li>1)STAEBLER STUDIOS LLC Address of Applicant :28920 W. Chicago Livonia Michigan 48150 U.S.A.</li> <li>(72)Name of Inventor :</li> <li>1)STAEBLER Jeffrey R.</li> </ul>

#### (57) Abstract :

Disclosed is an electronic device cradle for use with smart phones tablets MP3 players and other electronic devices. In one example the cradle is configured to be in the form of common household furniture and includes recesses allowing the phone to be received or docked in an upright position or on the phones side. The cradle may include a charging device allowing several different ways to charge the phone and illumination features to enhance the look and functionality of the cradle.

No. of Pages : 39 No. of Claims : 18

(21) Application No.1288/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :20/02/2014

(43) Publication Date : 09/01/2015

(51) International classification	:C02F1/46	(71)Name of Applicant :
(31) Priority Document No	:2011182492	1)MORINAGA MILK INDUSTRY CO. LTD.
(32) Priority Date	:24/08/2011	Address of Applicant :33 1 Shiba 5 chome Minato ku Tokyo
(33) Name of priority country	:Japan	1088384 Japan
(86) International Application No	:PCT/JP2012/065002	(72)Name of Inventor :
Filing Date	:12/06/2012	1)SHIRATO Masayasu
(87) International Publication No	:WO 2013/027473	2)MATSUYAMA Koki
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(57) Ale stud at a		

#### (54) Title of the invention : ELECTROLYZED WATER PRODUCTION DEVICE

(57) Abstract :

The electrolysis water-making apparatus (A) which is an apparatus for making electrolysis water (W5) by electrolyzing a raw material solution (W1, W3) including a 5 chlorine ion includes: an electrolytic cell (2); a raw material solution feed pump (3) used to supply the raw material solution (W1, W3) to the electrolytic cell (2); and a pipe (32, 36) connecting an outlet (3b) of the raw material solution feed pump (3) allowing the raw material solution (W1, W3) to be discharged therefrom and an inlet (26) allowing the raw material solution (W1, W3) to be discharged therefrom and an inlet (26) allowing the raw material solution (W1, W3) to flow into the electrolytic cell (2). In addition, the raw 10 material solution feed pump (3) is provided so that the outlet (3b) is disposed on a lower side of the inlet (26).

No. of Pages : 53 No. of Claims : 4

(19) INDIA

(22) Date of filing of Application :21/02/2014

#### (43) Publication Date : 09/01/2015

(54) Title of the invention : TORSION BAR DOOR CHECK			
<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number <ul> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application Number <ul> <li>Filing Date</li> </ul> </li> </ul>	:E05C17/20,E05F5/00 :13/226348 :06/09/2011 :U.S.A.	<ul> <li>(71)Name of Applicant :</li> <li>1)MULTIMATIC INC. Address of Applicant :85 Valleywood Drive Markham Ontario L3R 5E5 Canada</li> <li>(72)Name of Inventor :</li> <li>1)GRUBER Rudolf</li> </ul>	

(57) Abstract :

A door check for an automobile has an arm with a cam formed between oppositely directed flanks. A unitary energy storage component cooperates with the arm to provide progressive resistance to opening and closing and a plurality of stable positions. The unitary energy storage component includes a pair of springs each connected to shoes that bear against the flanks and load the springs in torsion as the shoes moves along the cam. The unitary energy storage component is formed as an integral unit to facilitate handling and assembly.

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

(19) INDIA

(22) Date of filing of Application :18/02/2014

(43) Publication Date : 09/01/2015

(51) International classification	:G06F17/30,G06F17/00	(71)Name of Applicant :
(31) Priority Document No	:13/221756	1)GOOGLE INC.
(32) Priority Date	:30/08/2011	Address of Applicant :1600 Amphitheatre Parkway Mountain
(33) Name of priority country	:U.S.A.	View CA 94043 U.S.A.
(86) International Application No	:PCT/US2012/053247	(72)Name of Inventor :
Filing Date	:30/08/2012	1)SABUR Zaheed Md Shahjahan
(87) International Publication No	:WO 2013/033473	
(61) Patent of Addition to Application	:NA	
Number	:NA :NA	
Filing Date	.11/1	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : SEARCHING BELONGINGS USING SOCIAL GRAPH INFORMATION

#### (57) Abstract :

A system and machine implemented method for providing a user with a representation of a belonging according to search criteria the method including receiving a request from a user of one or more users of a system to search a social graph of belongings according to a search criteria wherein the social graph of belongings defines an association between each of the one or more users and one or more belongings each of the belongings corresponding to an item comparing the one or more belonging attribute identifying a belonging based on the comparison the belonging having the at least one belonging attribute and providing a representation of the belonging for display to the user including providing the user with access to the belonging profile associated with the belonging.

No. of Pages : 65 No. of Claims : 20

(21) Application No.1203/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :18/02/2014

(43) Publication Date : 09/01/2015

#### (54) Title of the invention : ENHANCING USER SHOPPING EXPERIENCE USING SOCIAL GRAPH INFORMATION

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application <ul> <li>Number</li> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application Number <ul> <li>Filing Date</li> </ul> </li> </ul>	:G06Q30/00,G06F15/16 :13/221678 :30/08/2011 :U.S.A. :PCT/US2012/053249 :30/08/2012 :WO 2013/033475 :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant : <ol> <li>GOOGLE INC.</li> <li>Address of Applicant :1600 Amphitheatre Parkway Mountain</li> </ol> </li> <li>View CA 94043 U.S.A.</li> <li>(72)Name of Inventor : <ol> <li>SABUR Zaheed Md Shahjahan</li> </ol> </li> </ul>
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#### (57) Abstract :

A system and machine implemented method is provided for providing information regarding belongings within a social graph of belongings corresponding to a first item the method including receiving an indication of interest for the first item from a first user of one or more users of a system identifying at least one belonging maintained within a social graph of belongings the at least one belonging corresponding to the first item wherein the social graph of belongings defines an association between each of the one or more users and one or more belongings each of the one or more belonging corresponding to an item generating a list including the at least one belonging and at least one of a link to the user associated with the at least one belonging and a link to the at least one belonging and providing the list for display to the first user.

No. of Pages : 60 No. of Claims : 20

(19) INDIA

(22) Date of filing of Application :20/02/2014

(43) Publication Date : 09/01/2015

### (54) Title of the invention : METHODS AND COMPOSITIONS FOR VACCINATING AGAINST STAPHYLOCOCCUS AUREUS

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(33) Name of priority country</li> <li>(34) International Application No</li> <li>(35) Filing Date</li> <li>(36) International Publication No</li> <li>(37) International Publication No</li> <li>(37) International Publication No</li> <li>(38) International Publication No</li> <li>(39) (30) (30) (30) (30) (30) (30) (30) (30</li></ul>	1       1)NOVADIGM THERAPEUTICS INC.         1       Address of Applicant :4201 James Ray Drive REAC 1         1       Building Suite 2200 Grand Forks ND 58202 U.S.A.         2)12/000328       2)LOS ANGELES BIOMEDICAL RESEARCH         1       INSTITUTE AT HARBOR UCLA MEDICAL CENTER         (72)Name of Inventor :
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(57) Abstract :

The invention features a method of vaccinating a mammal against which includes the steps of: a) identifying a mammal at risk for the development of a skin or soft tissue infection; and b) administering to said mammal an immunogenic amount of a vaccine that includes a polypeptide including an isolated agglutinin like sequence (Als) 3 protein (Als3p) or an immunogenic fragment thereof in a pharmaceutically acceptable medium.

No. of Pages : 46 No. of Claims : 36

(22) Date of filing of Application :05/07/2013

(43) Publication Date : 09/01/2015

(54) Title of the invention : PROCESS FOR CARBOXY ALKYL CELLULOSE ETHER DERIVATIVES FROM CORN COB RESIDUE

(51) International classification	·C08B11/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)COUNCIL OF SCIENTIFIC & INDUSTRIAL
(32) Priority Date	:NA	RESEARCH
(33) Name of priority country	:NA	Address of Applicant : ANUSANDHAN BHAWAN, RAFI
(86) International Application No	:NA	MARG, NEW DELHI-110001 Delhi India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)SINGH RAJ KUMAR
(61) Patent of Addition to Application Number	:NA	2)SINGH ARUN KUMAR
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates long chain ester of carboxymethylcellulose and process for the preparation thereof. This invention particularly relates to process for carboxy alkyl cellulose ether from corn cob residue that mainly relates to agricultural waste utilization for a value added product, carboxy alkyl cellulose ether, which eliminates the step of isolating cellulose powder from cellulosic materials. In addition to carboxy alkyl cellulose, the zinc salts of carboxy alkyl cellulose and oil soluble ester with fatty chains are also obtained. The ether has utility as a viscosity modifier or thickener, and to stabilize emulsions in various products such as paints, detergents, textile, pharmaceutical, drilling mud, carbon nano-tubes, paper products, etc. Zinc salt has utility as ecofriendly load carrying additive and its oil soluble ester has utility as ecofriendly drilling lubricant.

No. of Pages : 25 No. of Claims : 6

(22) Date of filing of Application :17/02/2014

(43) Publication Date : 09/01/2015

## (54) Title of the invention : METHOD FOR PREPARING AN AROMATIC COMPOSITION INCLUDING A COMPOUND CONTAINING TWO SOLIDS HAVING ORGANOLEPTIC PROPERTIES

<ul><li>(51) International classification</li><li>(31) Priority Document No</li></ul>	:A23L1/226,A23P1/02,A61K9/14 :1157521	1)RHODIA OPERATIONS
(32) Priority Date	:25/08/2011	Address of Applicant :40 rue de la Haie Coq F 93306
(33) Name of priority country	:France	Aubervilliers France
<ul> <li>(86) International Application</li> <li>No</li> <li>Filing Date</li> <li>(87) International Publication</li> </ul>	:PCT/EP2012/065468 :07/08/2012 :WO 2013/026699	<ul> <li>(72)Name of Inventor :</li> <li>1)LE THIESSE Jean Claude</li> <li>2)MASSON Jean Claude</li> <li>3)COCHENNEC Corine</li> </ul>
No	. WO 2013/020099	4)GIACOMONI Olivier
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The invention relates to a method for preparing an aromatic powder composition having a melting temperature Tf including: i) feeding at least two basic powder solids having organoleptic properties into a mixer the enclosure of which has been preheated to a temperature T lower than Tf said solids being separately fed into said mixer; ii) mixing said solids in said mixer in the absence of any outside liquid phase at a temperature T lower than temperature Tf at least one of said basic powder solids being fed into said mixer at a temperature Ti such that the mixing occurs under isothermal conditions at a temperature set at said temperature T; and iii) recovering said aromatic powder composition. Said method is particularly suitable for preparing a composition essentially including a vanillin and ethylvanillin compound.

No. of Pages : 27 No. of Claims : 18

(22) Date of filing of Application :19/02/2014

#### (43) Publication Date : 09/01/2015

# (54) Title of the invention : INSECT RESISTANT AND HERBICIDE TOLERANT BREEDING STACK OF SOYBEAN EVENT pDAB9582.814.19.1 AND pDAB4468.04.16.1

		(71)Name of Applicant :
		1)DOW AGRÔSCIENCES LLC
		Address of Applicant :9330 Zionsville Road Indianapolis IN
		46268 U.S.A.
		(72)Name of Inventor :
(51) International classification	:A01H5/00,C12N5/04,C12N5/10	
(31) Priority Document No	:61/511664	2)HOFFMAN Thomas
(32) Priority Date	:26/07/2011	3)PARKHURST Dawn M.
(33) Name of priority country	:U.S.A.	4)ZHOU Ning
(86) International Application		5)WIGGINS Barry
No	:PCT/US2012/048302	6)PAREDDY Dayakar
Filing Date	:26/07/2012	7)BRADFISCH Gregory A.
(87) International Publication N	o:WO 2013/016516	8)DRIPPS James E.
(61) Patent of Addition to		9)TOLEDO Sandra Grace
Application Number	:NA	10)BARD Nathan
Filing Date	:NA	11)VERCAUTEREN Michael
(62) Divisional to Application	- NT A	12)NAGARAJ Nandi
Number	:NA	13)BISHOP Brandon Bj
Filing Date	:NA	14)GILLES Gregory James
C		15)WRIGHT Terry R.
		16)COLON Julissa
		17)BARNS Ricardo A.
		18)VANOPDORP Nathan Joel
		19)BAI Yonghe
(57) Abstract ·		

(57) Abstract :

A breeding stack of soybean event 9582.814.19.1 and soybean event pDAB4468.04.16.1 resulted in the novel soybean event pDAB9582.814.19.1 :: pDAB4468.04.16.1 comprises genes encoding AAD 12 CrylF CrylAc (synpro) and PAT affording insect resistance and herbicide tolerance to soybean crops containing the event and enabling methods for crop protection and protection of stored products.

No. of Pages : 93 No. of Claims : 16

(22) Date of filing of Application :20/02/2014

(43) Publication Date : 09/01/2015

#### (54) Title of the invention : SWITCHING INSTALLATION WITH PRESSURE CONTROLLED SHORT CIRCUIT DEVICE

<ul> <li>classification</li> <li>(31) Priority Document</li> <li>No</li> <li>(32) Priority Date</li> <li>(33) Name of priority</li> <li>country</li> <li>(86) International</li> <li>Application No</li> <li>Filing Date</li> <li>(87) International</li> </ul>	JA JA	<ul> <li>(71)Name of Applicant :</li> <li>1)EATON INDUSTRIES (NETHERLANDS) B.V. Address of Applicant :Europalaan 202 NL 7559 SC Hengelo Netherlands</li> <li>(72)Name of Inventor :</li> <li>1)HEILERSIG Johan Dinant</li> <li>2)DAMICO Paolo</li> <li>3)HORNOK Peter</li> <li>4)VAN DIJK Marcel</li> </ul>
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(57) Abstract :

The invention relates to a switching installation comprising: a gas tight housing with at least one wall part; an input conductor for carrying an input voltage the conductor being arranged in the housing; an insulation arranged around the input conductor to insulate the input conductor from the housing; a short circuit device changeable from a first condition in which the insulation is insulating the input conductor from the housing to a second condition in which an electrical short circuit connection is created through the insulation between the input conductor and an auxiliary connection; an actuator coupled to the at least one wall part of the gas tight housing for actuating the short circuit device upon movement of the wall part as a result of a pressure increase in the housing; and threshold means for providing a preset threshold in the actuator.

No. of Pages : 18 No. of Claims : 14

(22) Date of filing of Application :05/07/2013

#### (43) Publication Date : 09/01/2015

# (54) Title of the invention : HOMOGENIZATION OF NANOPARTICLES IN POLY (3,4-ETHYLENEDIOXYTHIOPHENE)/POLY (4-STYRENE SULPHONATE) (PEDOT:PSS)/ NANOGRAPHITE NANOCOMPOSITES USING SWIFT HEAVY IONS AND THEREBY ENHANCING THE SENSING PROPERTIES

(51) International classification	:C01B 31/00	(71)Name of Applicant : 1)AMITY UNIVERSITY
(31) Priority Document No	:NA	Address of Applicant : AMITY UNIVERSITY UTTAR
(32) Priority Date	:NA	PRADESH SECTOR 125, NOIDA 201303, INDIA Uttar Pradesh
(33) Name of priority country	:NA	India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)SUNITA RATTAN
(87) International Publication No	: NA	2)PRACHI SINGHAL
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract :

The present invention provides a method for improved dispersion of nanographite in the polymer matrix. Poly (3, 4-

ethylenedioxthiophene)/ poly (4- styrene sulphonate) (PEDOT:PSS) / nanographite nanocomposites are prepared and subjected to Swift Heavy Ion irradiation. The irradiated nanocomposites exhibit uniform dispersion of nanographite in the polymer matrix which highly enhance the conductivity suitable for electronic/ j sensor applications. The prepared nanocomposite can be used as chemical vapour sensors.

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

(19) INDIA

(22) Date of filing of Application :05/07/2013

(43) Publication Date : 09/01/2015

#### (54) Title of the invention : PLANT GROWTH PROMOTING ROOT ENDOPHYTE

(57) Abstract :

Plant growth promoting root endophyte The present invention relates to a novel composition to enhance the Artemisinin production by co-cultivation of plant with the consortium of P. indica and Azotobacter chroococcum. The micro propagated plants co-cultivated with consortium of P. indica and A. chroococcum strain W-5 are found to produce higher number of leaves, increased shoot length and biomass per plantlet.

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

(22) Date of filing of Application :17/02/2014

(43) Publication Date : 09/01/2015

(54) Title of the invention : PROCESS FOR THE PRODUCTION OF GASOLINE BY USING BUTANOL IN THE GASOLINE POOL

(51) International classification	:C10G3/00,C10L1/18,C10L1/32	(71)Name of Applicant :
(31) Priority Document No	:61/538560	1)BUTAMAX ADVANCED BIOFUELS LLC
(32) Priority Date	:23/09/2011	Address of Applicant :Route 141 & Henry Clay Dupont
(33) Name of priority country	:U.S.A.	Experimental Station Building 356 Wilmington DE 19880 0356
(86) International Application N	o :PCT/US2012/000409	U.S.A.
Filing Date	:21/09/2012	(72)Name of Inventor :
(87) International Publication No	b :WO 2013/043220	1)BAUSTIAN James J.
(61) Patent of Addition to	:NA	2)SCHUBERT Adam J.
Application Number	:NA	3)BECKWITH Paul
Filing Date	.INA	
(62) Divisional to Application	:NA	
Number	:NA	
Filing Date	.11/2	

(57) Abstract :

Systems and processes for the production of fuel and fuel blends involve the production of fuels for blending with one or more alcohols such as ethanol and/or butanol. A method for producing a fuel blend includes blending a light distillate product from an oil refinery with butanol. The fuel blending can be at the oil refinery.

No. of Pages : 80 No. of Claims : 161

(19) INDIA

(22) Date of filing of Application :18/02/2014

(43) Publication Date : 09/01/2015

### (54) Title of the invention : MOTOR USABLE WITH WASHING MACHINE AND WASHING MACHINE HAVING THE SAME

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application <ul> <li>Number</li> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application Number</li> <li>Filing Date</li> </ul>	:D06F35/00,H02K7/18 :1020110074460 :27/07/2011 :Republic of Korea :PCT/KR2012/005881 :23/07/2012 :WO 2013/015593 :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)SAMSUNG ELECTRONICS CO. LTD. Address of Applicant :129 Samsung ro Yeongtong gu Suwon si Gyeonggi do 443 742 Republic of Korea</li> <li>(72)Name of Inventor :</li> <li>1)BAE II Sung</li> <li>2)LEE Moo Hyung</li> <li>3)PARK Jae Seuk</li> <li>4)CHO Sung Jin</li> <li>5)KIM Sung Jong</li> </ul>
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#### (57) Abstract :

Disclosed herein are a motor usable with a washing machine which includes a drive shaft to enable supply of electric power to an electric device within a drum and a washing machine having the same. The washing machine may include a cabinet a tub placed within the cabinet a drum rotatably placed within the tub and configured to accommodate laundry therein at least one electric device mounted to the drum and configured to be operable by electric power a motor including a ring shaped stator mounted to a rear wall of the tub and a rotor placed around the stator so as to be rotated via electromagnetic interaction with the stator the motor being driven by an external power source and an electric power generating device including a power generation unit to generate electric power to be transmitted to the electric device via driving of the motor.

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

(22) Date of filing of Application :19/02/2014

(43) Publication Date : 09/01/2015

(54) Title of the invention : B7 H6 THERAPEUTICALLY ACTIVE MONOCLONAL ANTIBODY AGAINST B7 H6 POLYPEPTIDE

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application <ul> <li>Number</li> <li>Filing Date</li> </ul> </li> <li>(2) Divisional to Application Number</li> </ul>	:C07K16/28,G01N33/483 :61/534292 :13/09/2011 :U.S.A. :PCT/EP2012/067637 :10/09/2012 :WO 2013/037727 :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)DEUTSCHES KREBSFORSCHUNGSZENTRUM Address of Applicant :Im Neuenheimer Feld 280 69120</li> <li>Heidelberg Germany</li> <li>(72)Name of Inventor :</li> <li>1)CERWENKA Adelheid</li> <li>2)MOLDENHAUER Gerhard</li> </ul>
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(57) Abstract :

The present invention is concerned with diagnostic methods and means. Specifically it relates to an antibody which specifically binds to a portion of the extracellular domain of the B7 H6 polypeptide. Moreover said antibody is provided for use in the treatment or diagnosis of cancer or inflammatory disease. Furthermore provided are a method for diagnosing cancer in a sample of a subject suspected to suffer from cancer or an inflammatory disease. Further the present invention concerns a device and a kit for diagnosing cancer or an inflammatory.

No. of Pages : 49 No. of Claims : 15

(22) Date of filing of Application :19/02/2014

(43) Publication Date : 09/01/2015

(54) Title of the invention : A RADIO NETWORK CONTROLLER A USER EQUIPMENT A RADIO NETWORK NODE AND METHODS THEREIN

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application <ul> <li>Number</li> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application Number <ul> <li>Filing Date</li> </ul> </li> </ul>	:H04W36/30,H04B7/02 :61/541295 :30/09/2011 :U.S.A. :PCT/SE2012/051031 :27/09/2012 :WO 2013/048325 :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)TELEFONAKTIEBOLAGET L M ERICSSON (PUBL) Address of Applicant :S 164 83 Stockholm Sweden</li> <li>(72)Name of Inventor :</li> <li>1)CAVERNI Alessandro</li> <li>2)HULTELL Johan</li> <li>3)SILVERIS Paulson Angelo Vijay</li> </ul>
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(57) Abstract :

A radio network controller 10 and a method therein for selecting two or more cells 21 22 for simultaneous transmission of data to a user equipment 30 by at least one radio network node 20 controlling the two or more cells 21 22. The user equipment 30 is capable of Multi Point High Speed Downlink Packet Access MP HSDPA transmissions. When a second cell 22 that is an active non High Speed Downlink Shared Channel (HS DSCH) cell has a better signal quality than a first cell 21 that is an active HS DSCH cell the radio network controller 10 selects the second cell 22 to become an active HS DSCH cell and to be one of the two or more cells 21 22 for simultaneous transmission of data to the user equipment 30.

No. of Pages : 61 No. of Claims : 18

### (12) Date of filing of Application :21/01/2014

(43) Publication Date : 09/01/2015

#### (54) Title of the invention : FORMWORK SUPPORT IMPROVEMENTS

<ul> <li>(51) International</li> <li>classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application</li> <li>No</li> <li>Filing Date</li> <li>(87) International Publication</li> </ul>	:PCT/AU2012/000715 :21/06/2012	<ul> <li>(71)Name of Applicant :</li> <li>1)FORM 700 PTY LTD Address of Applicant :68 76 Drake Boulevard Altona VIC </li> <li>3018 Australia </li> <li>(72)Name of Inventor : 1)ROSATI Emilio </li> </ul>
No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date	:NA :NA <sup>1</sup> :NA :NA	

(57) Abstract :

This invention relates to a bracket assembly for a hardware assembly for forming an elevated concrete slab or the like the bracket assembly comprising a body securable to a supporting structure and a load bearing support carriage which depends from the body and is movable between at least upper and lower positions relative to the body whilst depending therefrom. An associated hardware assembly and method of use thereof are also disclosed.

No. of Pages : 24 No. of Claims : 21

(22) Date of filing of Application :19/02/2014

(43) Publication Date : 09/01/2015

#### (54) Title of the invention : ELECTRICAL SWITCHGEAR UNIT

countryImage: CountryImage: Country(86) International Application No:PCT/EP2012/064163 :19/07/20121)BOEHM Gerrit 2)KRAFT David(87) International Publication No:WO 2013/0343502)KRAFT David(61) Patent of Addition to Application Number Filing Date:NA :NA:NA :NA(62) Divisional to Application Number Filing Date:NA :NA:NA :NA	Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number	:05/09/2011 :EPO :PCT/EP2012/064163 :19/07/2012 :WO 2013/034350 :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)ALSTOM GRID GMBH Address of Applicant :Lilienthalstrae 150 34123 Kassel Germany</li> <li>(72)Name of Inventor :</li> <li>1)BOEHM Gerrit</li> <li>2)KRAFT David</li> </ul>
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(57) Abstract :

The invention relates to an electrical switchgear unit (10) in particular a high voltage switchgear unit. A housing is present which is provided with a housing wall (11) which contains a bore (14). A corrugated tube (12) is present which is coupled to the bore (14). For this purpose the corrugated tube (12) is plugged into the bore (14). Between the corrugated tube (12) and the bore (14) an annular gap (18) is located in which an O ring (20) is arranged which is plugged onto the corrugated tube (12).

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

(21) Application No.1300/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :20/02/2014

(43) Publication Date : 09/01/2015

#### (54) Title of the invention : A METHOD FOR DYEING/BLEACHING HAIR AND RELATIVE APPLICATOR TOOL. (51) International classification :A45D19/00 (71)Name of Applicant : (31) Priority Document No 1)SEMINARA Angelo :RN2011A000062 (32) Priority Date Address of Applicant :4A Cranley Gardens N10 3 AR U.K. :01/09/2011 (72)Name of Inventor : (33) Name of priority country :Italy (86) International Application No 1)SEMINARA Angelo :PCT/IT2012/000261 Filing Date :29/08/2012 (87) International Publication No :WO 2013/030856 (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

#### (57) Abstract :

A method for dyeing/bleaching hair (1) comprises the steps of applying to the hair (1) at least one strip (3b) of adhesive material in a direction (51) which is longitudinal to the hair (1) in such a way to form and retain by means of adhesion a random lock (2) of hair (1); lifting the lock (2) of hair (1) to be dyed/bleached so as to isolate it from the rest of the hair; turning over the strip (3) with the lock (2) of hair adhering to it; dyeing/bleaching the lock (2) of hair; protecting the dyed/bleached lock (2) of hair; waiting for the colour to develop; and removing the strip (3b).

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

(19) INDIA

(22) Date of filing of Application :05/07/2013

(43) Publication Date : 09/01/2015

#### (54) Title of the invention : DESIGN AND DEVELOPMENT OF MINIATURE MEMORY MODULE

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> </ul>	:NA :NA	(71)Name of Applicant : 1)AVIONICS DIVISION, HAL KORWA Address of Applicant :AGM (DESIGN) ASERDC HINDUSTAN AFRONAUTICS LIMITED AVIONICS
<ul> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> </ul>	:NA :NA :NA	HINDUSTAN AERONAUTICS LIMITED, AVIONICS DIVISION, KORWA, AMETHI-227412, UP Uttar Pradesh India (72) <b>Name of Inventor :</b>
<ul><li>(87) International Publication No</li><li>(61) Patent of Addition to Application Number Filing Date</li></ul>	: NA :NA :NA	1)SH. SHESH VARDHAN 2)SH. DHEERAJ KUMAR 3)SH. SANJEEV VERMA
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Miniature Memory Module, a Flexi-Rigid Memory Module which has been first time designed, developed and tested and temperature screened to MIL standard for airborne application. The module is solid state non-volatile memory of 384 MB capacity and is part of crash protected memory to store aircraft flight and cockpit voce data for post flight analysis and incident/accident investigations. The module can be used in all military applications.

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

(22) Date of filing of Application :21/01/2014

(43) Publication Date : 09/01/2015

## (54) Title of the invention : INSULATION SYSTEMS HAVING IMPROVED PARTIAL DISCHARGE RESISTANCE AND METHOD FOR PRODUCING SAME

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application Not Filing Date</li> <li>(87) International Publication Not</li> <li>(61) Patent of Addition to Application Number Filing Date</li> </ul>	:03/09/2012	<ul> <li>(71)Name of Applicant :</li> <li>1)SIEMENS AKTIENGESELLSCHAFT Address of Applicant :Wittelsbacherplatz 2 80333 M<sup>1</sup>/<sub>4</sub>nchen Germany</li> <li>(72)Name of Inventor :</li> <li>1)GR-PPEL Peter</li> <li>2)HEINL Dieter</li> <li>3)MEICHSNER Christian</li> <li>4)RITBERG Igor</li> </ul>
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA	

(57) Abstract :

The invention relates generally to the field of insulating electric conductors against partial discharge and specifically to a method for producing an insulation system having improved partial discharge resistance and to an insulation system having improved partial discharge resistance. The invention shows for the first time the surprising erosion inhibiting effect of adhesion promoters such as organic silicon compounds added to resin when admixing nano particulate fillers. As a result of the introduction of the adhesion promoters into the resin before the nano particulate filler surprisingly good results are achieved. It is discussed whether the good results as indicated in figures 2 to 4 can be attributed to a type of particle wetting of the nano particles as a result of particle wetting with the organosilanes. In any case it can convincingly be shown that the admixture of adhesion promoters with the resin before the addition of the nano particulate filler can provide considerable advantages.

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

(22) Date of filing of Application :21/01/2014

(43) Publication Date : 09/01/2015

## (54) Title of the invention : METHODS FOR REMOTELY ACCESSING ELECTRONIC MEDICAL RECORDS WITHOUT HAVING PRIOR AUTHORIZATION

<ul> <li>classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country:</li> <li>(86) International Application</li> <li>No</li> <li>(87) International Publication</li> <li>No</li> <li>(61) Patent of Addition to</li> <li>Application Number</li> <li>Filing Date</li> <li>(62) Divisional to</li> <li>Application Number</li> <li>Application Number</li> </ul>	PCT/CA2012/000648 05/07/2012	<ul> <li>(71)Name of Applicant :</li> <li>1)HIPAAT INC. Address of Applicant :5925 Airport Rd Suite 200 Mississauga</li> <li>Ontario L4V 1W1 Canada</li> <li>(72)Name of Inventor :</li> <li>1)CALLAHAN Terrance</li> <li>2)BIALACH Roman</li> <li>3)YEUNG Chun Man</li> </ul>
Filing Date	INA	

#### (57) Abstract :

Methods are provided for allowing patients health care practitioners and other service providers to have remote access to electronic medical records of a patient stored on a first computer network by the remote user requesting access to the electronic medical record from a second computer network and providing a first and second piece of patient derived information to the second computer network; the second computer network transferring the first and second piece of patient derived information to a third computer network; the third computer network authorizing the remote user through the first and second piece of patient derived information and dependent on a patient specific authorization protocol; the third computer network confirming a patient specific consent protocol; and the third computer network disclosing the electronic medical record to the remote user dependent upon an authorization and a confirmation received from the third computer network.

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

(19) INDIA

(22) Date of filing of Application :19/02/2014

(43) Publication Date : 09/01/2015

### (54) Title of the invention : VIRTUAL HIGH PRIVILEGE MODE FOR A SYSTEM MANAGEMENT REQUEST

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application <ul> <li>Number</li> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application Number <ul> <li>Filing Date</li> </ul> </li> </ul>	:G06F9/44,G06F9/22 :NA :NA :NA :PCT/US2011/049677 :30/08/2011 :WO 2013/032442 :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)HEWLETT PACKARD DEVELOPMENT COMPANY</li> <li>L.P. Address of Applicant :11445 Compaq Center Drive W</li> <li>Houston Texas 77070 U.S.A.</li> <li>(72)Name of Inventor :</li> <li>1)ALI Valiuddin Y.</li> <li>2)PIRES Jose Paulo Xavier</li> <li>3)MANN James M.</li> <li>4)BALACHEFF Boris</li> <li>5)DALTON Chris I.</li> </ul>
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(57) Abstract :

A computing system and a method of handling a system management request. The computing system includes a virtual high privilege mode in a trusted domain managed by the virtual machine monitor. The virtual high privilege mode handles the system management request.

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

#### (19) INDIA

(22) Date of filing of Application :19/02/2014

#### (43) Publication Date : 09/01/2015

#### (54) Title of the invention : BIOS NETWORK ACCESS

<ul><li>(51) International classification</li><li>(31) Priority Document No</li></ul>	a :G06F15/16,G06F9/22,G06F13/14 :NA	(71)Name of Applicant : 1)HEWLETT PACKARD DEVELOPMENT COMPANY
(32) Priority Date	:NA	L.P.
(33) Name of priority country	:NA	Address of Applicant :11445 Compaq Center Drive S.W.
(86) International Application No Filing Date	:PCT/US2011/049733 :30/08/2011	Houston Texas 77070 U.S.A. (72)Name of Inventor : 1)MANN James
(87) International Publication No	:WO 2013/032448	2)ALI Valiuddin
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Embodiments provide devices and operations which enable a computing device to access a network. The computing device may execute a basic input/output system (BIOS) in response to the BIOS the computing device may establish a wireless link with a client device and receive from the client device network access information.

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

### (22) Date of filing of Application :05/07/2013

#### (43) Publication Date : 09/01/2015

## (54) Title of the invention : A NOVEL FORMULATION FOR POLYHERBAL. MASTICATORY PRODUCT USEFUL FOR TOBACCO DE-ADDICTION AND HEALTH REJUVENATION

<ul> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No</li> <li>Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number</li> <li>Filing Date</li> <li>(62) Divisional to Application Number</li> <li>N</li> </ul>	(71)Name of Applicant : 1)COUNCIL OF SCIENTIFIC & INDUSTRIA RESEARCH Address of Applicant :ANUSANDHAN BHAW MARG NEW DELHI-110001, INDIA Delhi India (72)Name of Inventor : 1)NAUTIYAL CHANDRA SHEKHAR 2)KUMAR DINESH 3)RAWAT AJAY KUMAR SINGH 4)AGARWAL SUDHA S)MANI DAYANANDAN 6)OJHA SANJEEV KUMAR NA NA NA NA 9)DAROKAR MAHENDRA PANDURANG 10)KALRA ALOK	
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#### (57) Abstract :

The present invention provides a nicotine free synergistic polyherbal masticatory formulation and a process for the preparation thereof. The developed formulation exhibits tobacco deaddiction properties and is envisaged to replace tobacco based harmful products. Thus, it will have immense application in the deaddiction of tobacco addicted individuals with no harmful effects; rather will exert health promoting activity. The present formulation is useful as a tobacco supplement or a tobacco substitute, for use in e.g. smoking cessation, tobacco chewing urge and nicotine replacement therapies, which provides the user to reduce tobacco withdrawal symptoms without causing unacceptable adverse effects along with health rejuvenation being antimicrobial and antioxidant.

No. of Pages : 28 No. of Claims : 4

(22) Date of filing of Application :05/07/2013

(43) Publication Date : 09/01/2015

## (54) Title of the invention : AN IMPROVED PROCESS FOR THE PREPARATION OF LOAD BEARING BIPHASIC CALCIUM PHOSPHATE NANOCOMPOSITE BLOCKS USEFUL AS BONE GRAFTS AND SCAFFOLDS

(51) International classification	:A61L27/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)COUNCIL OF SCIENTIFIC & INDUSTRIAL
(32) Priority Date	:NA	RESEARCH
(33) Name of priority country	:NA	Address of Applicant :ANUSANDHAN BHAWAN, RAFI
(86) International Application No	:NA	MARG, NEW DELHI-110001, INDIA Delhi India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)SUBHADRA GARAI
(61) Patent of Addition to Application Number	:NA	2)ARVIND SINHA
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention provides a simple and cost effective biomimetic process for the synthesis of tailor made three dimensional load bearing nanocomposites based on in situ biomineralization of calcium deficient hydroxyapatite particles in polymer matrix and later its transformation to biphasic mineral. The as synthesized bioactive ceramic nanocomposites for implant have stiffness and strength in the range of human cancellous bone. Initial bioactivity study exhibited cytophilicity of the scaffolds to the bone marrow driven mesenchymal stem cells.

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

(19) INDIA

(22) Date of filing of Application :21/01/2014

#### (43) Publication Date : 09/01/2015

(54) Title of the invention : TURBINE G	ENERATOR	
<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number <ul> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application Number <ul> <li>Filing Date</li> </ul> </li> </ul>	:H02K7/18 :1113694.2 :09/08/2011 :U.K. :PCT/GB2012/051935 :09/08/2012 :WO 2013/021205 :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)UNIVERSITY OF SOUTHAMPTON <ul> <li>Address of Applicant :Highfield Southampton Hampshire</li> <li>SO17 1BJ U.K.</li> </ul> </li> <li>(72)Name of Inventor : <ul> <li>1)SHARKH Suleiman Mahmoud</li> <li>2)FRASER Alan Thomas</li> <li>3)YURATICH Michael Andrew</li> <li>4)TURNOCK Stephen Richard</li> </ul> </li> </ul>

#### (57) Abstract :

The invention relates to the generation of electricity from flowing fluid and in the preferred embodiment to a horizontal axis turbine and generator assembly. The present invention is applicable to water turbines and the invention is described in relation to this application. It is however to be appreciated that it is applicable to wind turbines. The present invention provides turbine generator for generating electrical power from flowing fluid comprising a rotatable hub having an external surface and a rotational axis arranged in use parallel to the direction of the flow a plurality of blades mounted on the external surface of the hub and extending radially outwards from the hub; a plurality of magnets mounted on a surface inside the rotatable hub said surface arranged to rotate with the rotatable hub thereby forming a rotor of an electrical generator and a plurality of non rotating coils fixed to a stationary cylindrical core within the periphery of the rotatable hub said coils and core thereby forming a stator of the electrical generator.

No. of Pages : 43 No. of Claims : 31

(21) Application No.1045/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :13/02/2014

(43) Publication Date : 09/01/2015

#### (54) Title of the invention : CONTROL DEVICE FOR INTERNAL COMBUSTION ENGINE (51) International classification :F02D19/08,F02D13/02 (71)Name of Applicant : (31) Priority Document No 1)TOYOTA JIDOSHA KABUSHIKI KAISHA :NA (32) Priority Date Address of Applicant :1 Toyota cho Toyota shi Aichi 4718571 :NA (33) Name of priority country :NA Japan (86) International Application No :PCT/JP2011/069454 (72)Name of Inventor : 1)MATSUDA Kazuhisa Filing Date :29/08/2011 (87) International Publication No :WO 2013/030926 2)MORITA Kouji (61) Patent of Addition to Application 3)TSUKAGOSHI Takahiro :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

When an alcohol mixed fuel is supplied to an internal combustion engine the magnitude of the alcohol concentration is determined and the magnitude of a cooling water temperature is determined on the basis of said determination. When the alcohol concentration is high and the cooling water temperature is low the generation of aldehydes which are alcohol oxides contained in unburned alcohol mixed fuel is promoted and the aldehydes generated by opening an intake valve in the expansion stroke of the internal combustion engine are trapped in an intake passage.

No. of Pages : 60 No. of Claims : 8

(19) INDIA

(22) Date of filing of Application :14/02/2014

(43) Publication Date : 09/01/2015

(51) International classification	:H02J3/38,H02J3/40	(71)Name of Applicant :
(31) Priority Document No	:10 2011 081 446.9	1)WOBBEN PROPERTIES GMBH
(32) Priority Date	:23/08/2011	Address of Applicant :Dreekamp 5 26605 Aurich Germany
(33) Name of priority country	:Germany	(72)Name of Inventor :
(86) International Application No	:PCT/EP2012/065911	1)GIERTZ Helge
Filing Date	:14/08/2012	
(87) International Publication No	:WO 2013/026748	
(61) Patent of Addition to Application	.NT 4	
Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		1

### (54) Title of the invention : METHOD FOR OPERATING A WIND ENERGY INSTALLATION

(57) Abstract :

The present invention comprises a method for feeding electrical power to an electrical grid (10) wherein the feed to the electrical grid (10) is produced by means of at least one wind energy installation (32) with a first feed arrangement (WP1 WP2) at a feed point and the feed is produced depending on electrical variables in the grid (10) and measured values for the electrical variables or measured values for determining the electrical variables are detected at measurement times at predetermined time intervals and wherein the measurement times are synchronised with an external time signal available outside the first feed arrangement.

No. of Pages : 18 No. of Claims : 12

(22) Date of filing of Application :14/02/2014

(43) Publication Date : 09/01/2015

(54) Title of the invention : BLENDS OF POLYSILOXANE/POLYIMIDE BLOCK COPOLYMER AND POLY(ARYLENE SULFIDE)

### (57) Abstract :

Disclosed herein is a composition comprising a compatible blend of i) 24 to less than 84.5 weight percent of a linear poly(arylene sulfide) ii) 14 to 75 weight percent of a polysiloxane/polyimide block copolymer; and iii) 0.1 to less than 2.5 weight percent of a polymeric compatibilizer having 2 or more epoxy groups per molecule. Weight percent is based on the total weight of the composition. An article made from the composition has tensile elongation greater than or equal to 60% as determined by ASTM D638 and a Notched Izod impact strength greater than 50 joules per meter as determined by ASTM D256 at room temperature.

No. of Pages : 28 No. of Claims : 25

(19) INDIA

(22) Date of filing of Application :17/02/2014

(43) Publication Date : 09/01/2015

:B41J2/04	(71)Name of Applicant :
:A 1081/2011	1)DURST PHOTOTECHNIK A.G.
:22/07/2011	Address of Applicant : Julius Durst Strae 4 I 39042 Brixen
:Austria	Italy
:PCT/EP2012/063582	(72)Name of Inventor :
:11/07/2012	1)OBERTEGGER Franz
:WO 2013/013983	
•NT A	
:NA	
:NA	
:NA	
	:A 1081/2011 :22/07/2011 :Austria :PCT/EP2012/063582 :11/07/2012 :WO 2013/013983 :NA :NA :NA

#### (54) Title of the invention : PRINT HEAD FOR AN INK JET PRINTER

(57) Abstract :

The invention relates to a print head for an ink jet printer wherein the print head comprises at least one ink supply channel and at least one nozzle having a nozzle channel and an inflow opening and ink can be pressed from the ink supply channel through the inflow opening into the nozzle channel and ejected therefrom wherein the nozzle is arranged in a stationary manner on a side wall of the ink supply channel and in the ink supply channel a ram is provided which can be moved back and forth between a reversal point (U1) that has a minimal distance from the inflow opening of the nozzle and a reversal point (U2) that has a maximal distance from the inflow opening of the nozzle wherein first means limit the movement of a ram end face to a movement between the reversal points (U1 U2) and second external means are provided for applying a negative pressure relative to the ambient air pressure to the ink in the ink supply channel.

No. of Pages : 30 No. of Claims : 26

(22) Date of filing of Application :21/01/2014

(43) Publication Date : 09/01/2015

#### (54) Title of the invention : METHOD FOR ASSISTING A DRIVER OF A MOTOR VEHICLE

<ul> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No</li> <li>Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> </ul>	n:B60Q1/52,G06T11/00,G06T15/20 :10 2011 082 483.9 :12/09/2011 :Germany :PCT/EP2012/064064 :18/07/2012 :WO 2013/037539 :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)ROBERT BOSCH GMBH Address of Applicant :Postfach 30 02 20 70442 Stuttgart Germany</li> <li>(72)Name of Inventor :</li> <li>1)SANS SANGORRIN Jorge</li> <li>2)MIELENZ Holger</li> </ul>
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The invention relates to a method for assisting a driver of a motor vehicle during a driving maneuver comprising the following steps: (a) detecting data regarding the surroundings of the motor vehicle evaluating the captured data for detecting objects (3 5 7) and optical display of the detected objects (3 5 7); (b) selecting at least one of the detected objects (3 5 7) by the driver of the motor vehicle; (c) determining the smallest distance between the motor vehicle and the at least one selected object (3 5 7); (d) outputting information on the smallest distance between the at least one selected object (3 5 7) and the motor vehicle to the driver of the motor vehicle. The invention also relates to a device for carrying out the method.

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

(21) Application No.1240/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :19/02/2014

(43) Publication Date : 09/01/2015

#### (54) Title of the invention : INSECT RESISTANT AND HERBICIDE TOLERANT SOYBEAN EVENT 9582.814.19.1

(57) Abstract :

Soybean event 9582.814.19.1 comprises genes encoding Cry1F Cry1Ac (synpro) and PAT affording insect resistance and herbicide tolerance to soybean crops containing the event and enabling methods for crop protection and protection of stored products.

No. of Pages : 70 No. of Claims : 12

(19) INDIA

(22) Date of filing of Application :20/02/2014

(43) Publication Date : 09/01/2015

#### (54) Title of the invention : ETHYLENE CRACKING FURNACE

(32) Priority Date:NA(33) Name of priority country:NA(86) International Application:PCT/CN2011/001239No:28/07/2011(87) International Publication:WO 2013/013344No:WO 2013/013344(61) Patent of Addition to:NAApplication Number:NASolution Number:NA	)Name of Applicant : )CHINA PETROLEUM & CHEMICAL CORPORATION Address of Applicant :No. 22 Chaoyangmeng North Street aoyang District Beijing 100728 China )SINOPEC ENGINEERING INCORPORATION )Name of Inventor : )HE Xiou )LIU Jingkun )LIU Jingkun )LI Changli )SHEN Hainu )GUO Yuping )SHAO Chen
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(57) Abstract :

The present disclosure provides an ethylene cracking furnace, comprising at least one radiant section provided with a bottom burner and/or a side burner, and at least 5 one set of radiant coil arranged along a longitudinal direction of the radiant section. The radiant coil is an at least two-pass coil having an N-1 structure, wherein N is preferably a natural number from 2 to 8. A manifold is arranged at an inlet end of a downstream tube of said at least two-pass coil, and an outlet end of each upstream tube of said at least two-pass coil is connected to the manifold through a curved 10 connector. The arrangement according to the present disclosure can effectively reduce the expansion differences between the upstream tubes and the downstream tubes, and therefore reduce the stress caused thereby. Consequently, bending of the radiant coil can be avoided, thereby extending the service life of the radiant coil.

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

(19) INDIA

(22) Date of filing of Application :24/02/2014

(43) Publication Date : 09/01/2015

(54) Title of the invention : HEARTS & ARROWS SIC GEMSTONE			
<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> </ul>	:13/224468 :02/09/2011	<ul> <li>(71)Name of Applicant :</li> <li>1)RITCHIE Anthony</li> <li>Address of Applicant :11834 SE 272nd Pl. Kent WA 98030</li> <li>U.S.A.</li> </ul>	
<ul> <li>(86) International Application No</li> <li>Filing Date</li> <li>(87) International Publication No</li> </ul>	:PCT/US2012/028892 :13/03/2012 :WO 2013/032531	(72)Name of Inventor : 1)RITCHIE Anthony	
(61) Patent of Addition to Application Number Filing Date	:NA :NA		
(62) Divisional to Application Number Filing Date	:NA :NA		

(57) Abstract :

The instant application discloses among other things a specific set of cutting proportions tailored for the optical characteristics of Silicon Carbide (SiC) which may produce a Hearts & Arrows reflection pattern.

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

(22) Date of filing of Application :04/07/2013

(43) Publication Date : 09/01/2015

### (54) Title of the invention : CONSORTIUM OF BIO-PESTICIDES AND BIOFORMULATION COMPRISING SAME

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number <ul> <li>Filing Date</li> </ul> </li> </ul>	:NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)INDIAN COUNCIL OF AGRICULTURAL RESEARCH</li> <li>(ICAR) <ul> <li>Address of Applicant :KRISHI BHAWAN, DR. RAJENDRA</li> <li>PRASAD ROAD, NEW DELHI-110001, INDIA Delhi India</li> <li>(72)Name of Inventor :</li> <li>1)LODHA, SATISH, KUMAR</li> <li>2)MAWAR, RITU</li> </ul> </li> </ul>
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to microbial formulation for promoting plant growth. The microbial formulation performs dual function of promoting growth of plant(s) as well as in providing protection to plant(s) against soil borne plant pathogen(s) like Macrophomina phaseolina. The Invention also provides a growth substrate for microorganism(s) comprising but not limited to Bacillus firmus and Trichoderma harzianum.

No. of Pages : 22 No. of Claims : 21

#### (19) INDIA

(22) Date of filing of Application :21/01/2014

#### (43) Publication Date : 09/01/2015

#### (51) International classification :B62D15/02 (71)Name of Applicant : (31) Priority Document No :10 2011 084 943.2 **1)ROBERT BOSCH GMBH** (32) Priority Date Address of Applicant :Postfach 30 02 20 70442 Stuttgart :21/10/2011 (33) Name of priority country :Germany Germany (86) International Application No :PCT/EP2012/068993 (72)Name of Inventor : Filing Date :26/09/2012 1)STARKE Arwed (87) International Publication No :WO 2013/056959 2)PAMPUS Christian (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

#### (54) Title of the invention : METHOD AND DEVICE FOR ASSISTING A DRIVER OF A MOTOR VEHICLE

#### (57) Abstract :

The invention relates to a method for assisting a driver of a motor vehicle (1) during a parking manoeuvre into a transverse parking space (3) in which the motor vehicle (1) is parked forwards into the transverse parking space (3) comprising the following steps: (a) detection of the surroundings of the motor vehicle (1) with environment sensors and evaluation of data for detecting a transverse parking space (3) captured with the environment sensors and (b) execution of a reverse manoeuvre (15) aligned straight when the motor vehicle (1) drives at least partially into a transverse parking space (3) followed by a forward manoeuvre (17) which comprises a circular arc segment (23) with full lock of the steerable wheels in a first direction and a circular arc segment (27) with lock of the steerable wheels in a second direction opposite the first direction and an alignment straight line (29) or followed by a forward manoeuvre (39) with which the motor vehicle drives past at least some of the transverse parking space (3) a reverse manoeuvre (47) which ends with cornering with full lock of the steerable wheels in order to bring the motor vehicle (1) into a position which allows forward parking into the transverse parking space (3); or (c) execution of a reverse manoeuvre (47) which ends with cornering with partial or full lock of the steerable wheels in order to bring the motor vehicle (1) into a position which the transverse parking space (3); or (c) execution of a reverse manoeuvre (47) which ends with cornering with partial or full lock of the steerable wheels in order to bring the motor vehicle (1) into a position which the transverse parking space (3); or (c) execution of a reverse manoeuvre (49) to park the motor vehicle (1) into the transverse parking space (3); or (c) execution of a reverse manoeuvre (47) which ends with cornering with partial or full lock of the steerable wheels in order to bring the motor vehicle (1) into a position which allows forward parking into the transverse parking space (3); or (c) ex

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

(21) Application No.1337/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :21/02/2014

(43) Publication Date : 09/01/2015

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> </ul>	:A23F5/00 :13/215174 :22/08/2011 :U.S.A. :PCT/US2012/051585 :20/08/2012 :WO 2013/028620	<ul><li>(72)Name of Inventor :</li><li>1)VELLA Thomas J.</li></ul>
11		,
6		(72)Name of Inventor :
	:WO 2013/028620	1)VELLA Thomas J.
(61) Patent of Addition to Application	:NA	2)AMEN Samuel A.
Number	:NA	
Filing Date	.1 1/ 1	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

### (54) Title of the invention : WHOLE GREEN COFFEE BEAN PRODUCTS AND METHODS OF PRODUCTION AND USE

(57) Abstract :

Disclosed are novel processing methods for green coffee beans that result in novel green coffee bean products including products that incorporate whole green coffee beans. Methods include selecting whole coffee beans in their fresh green unroasted state with naturally occurring levels of phytonutrients sterilizing and drying them applying iterative grinding processes and stabilization techniques all while avoiding high temperatures. Whole green coffee bean products created and defined by these methods have unexpectedly been found to increase focus and concentration in users and are believed useful in the treatment of attention and concentration deficits and related disorders such as attention deficit (AD) attention deficit disorder (ADD) attention deficit hyperactivity disorder (ADHD) and various related and/or comorbid disorders.

No. of Pages : 27 No. of Claims : 20

(22) Date of filing of Application :05/07/2013

(43) Publication Date : 09/01/2015

## (54) Title of the invention : ARTIFICIAL SOIL COMPOSITION FOR DEGRADING INDUSTRIAL EFFLUENTS TO ACHIEVE CLEAN ENVIRONMENT AND HIGH CROP YIELD

(31) Priority Document No:N(32) Priority Date:N(33) Name of priority country:N(33) Name of priority country:N(86) International Application No:NFiling Date:N(87) International Publication No: N(61) Patent of Addition to Application Number:NFiling Date:NState:NState:NState:NState:NState:NState:NState:NState:N	JA JA JA JA JA JA JA JA	<ul> <li>(71)Name of Applicant :</li> <li>1)AMITY UNIVERSITY <ul> <li>Address of Applicant :AMITY UNIVERSITY UTTAR</li> </ul> </li> <li>PRADESH SECTOR 125, NOIDA 201303, INDIA Uttar Pradesh India <ul> <li>(72)Name of Inventor :</li> <li>1)K.K. BANDYOPADHYAY</li> <li>2)DEBARATI PAUL</li> </ul> </li> </ul>
(87) International Publication No: N(61) Patent of Addition to Application Number: NFiling Date: N	ΝA	1)K.K. BANDYOPADHYAY
	ЛА	

(57) Abstract :

The present invention provides a system and method for treatment of industrial effiuents, particularly hydrolysing melanoidin pigments, by immobilised cells incorporated into artificial soil. The invention reduces the environmental impact of the melanoidin present in the different industrial effluents and also creates positive impact on soil fertility leading to the reduction in cost of crop production without any additional inputs of conventional fertilizers and ground water. The process also eliminates the possibility of contamination of ground water. The system increases the fertility of the soil, thereby increasing the crop productivity by approximately 1.5-3 folds

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

### (22) Date of filing of Application :05/07/2013

#### (43) Publication Date : 09/01/2015

## (54) Title of the invention : A TEXTILE CONFIGURED TO PROVIDE PROTECTION FROM FLAME AND HEAT AND A METHOD OF MANUFACTURING THEREOF

(51) International classification:D03D15(31) Priority Document No:NA(32) Priority Date:NA(33) Name of priority country:NA(86) International Application No:NAFiling Date:NA(87) International Publication No: NA(61) Patent of Addition to Application Number:NAFiling Date:NA(62) Divisional to Application Number:NAFiling Date:NA	<ul> <li>(71)Name of Applicant :</li> <li>1)THE DIRECTOR GENERAL, DEFENCE RESEARCH &amp;</li> <li>DEVELOPMENT ORGANISATION (DRDO) Address of Applicant :Ministry of Defence, Government of India, Room No. 348, B-wing, DRDO Bhawan, Rajaji Marg, New Delhi-110105, India. Delhi India</li> <li>(72)Name of Inventor :</li> <li>1)RAMA KRISHNA INDUSHEKAR</li> <li>2)TEGGINA MATH KOTRESH</li> <li>3)MUTHUSWAMY SHANMUGASUNDARAM</li> <li>SUBBULAKSHMI</li> <li>4)SIVANKOIL NARAYANAN VIJAYA LAKSHMI</li> <li>5)VINOD CHIDAMBAR PADAKI</li> <li>6)PAWAN KUMAR SHARMA</li> </ul>
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(57) Abstract :

The present disclosure relates to a hybrid technical textile, more particularly relates to a high performance textile for protecting from flame and high intensity heat flux up to 75 kW/m2. The textile comprises a plurality of Meta-aramid fibres provided in warp and weft directions, at least one Para-aramid fibre concealed by the Meta-aramid fibres at periodic intervals in the textile structure in warp and weft directions.

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

(22) Date of filing of Application :21/01/2014

(43) Publication Date : 09/01/2015

## (54) Title of the invention : COUPLING AGENT FOR RUBBER/CARBON BLACK AND RUBBER COMPOSITION CONTAINING SAME FOR USE IN TIRES

<ul><li>(51) International classification</li><li>(31) Priority Document No</li><li>(32) Priority Date</li></ul>	:C08L9/00,B60C1/00,C08K3/04 :2011160851 :22/07/2011	<ul> <li>(71)Name of Applicant :</li> <li>1)SHIKOKU CHEMICALS CORPORATION Address of Applicant :8 537 1 Doki cho Higashi Marugame</li> </ul>
(33) Name of priority country	:Japan	shi Kagawa 7638504 Japan
(86) International Application No	o:PCT/JP2012/068513	(72)Name of Inventor :
Filing Date	:20/07/2012	1)SHIRAKAWA Yukiharu
(87) International Publication No	:WO 2013/015224	2)MASUDA Takeshi
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A coupling agent for rubber/carbon black said coupling agent containing a sulfide compound represented by chemical formula (I). Also a rubber composition containing same for use in tires. (In the formula each A represents oxygen sulfur NH or NR; each R represents either a C straight chain or branched alkyl or alkenyl group or a C cyclic alkyl or alkenyl group; if the As represent NR the plurality of Rs in the condensed aromatic heterocycles may be either the same as or different from each other; each n represents an integer from 1 to 6; and x represents an integer from 1 to 4.)

No. of Pages : 19 No. of Claims : 2

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

(43) Publication Date : 09/01/2015

(54) Title of the invention : METHODS AND APPARATUSES FOR CIRCUIT SWITCHED MOBILE TELEPHONY IN FIXED WIRELESS ACCESS

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application <ul> <li>Number</li> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application Number</li> <li>Filing Date</li> </ul>	:13/191987 :27/07/2011 :U.S.A. :PCT/SE2012/050818 :09/07/2012 :WO 2013/015732 :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)TELEFONAKTIEBOLAGET L M ERICSSON (PUBL) Address of Applicant :SE 164 83 Stockholm Sweden</li> <li>(72)Name of Inventor :</li> <li>1)NYLANDER Tomas</li> <li>2)VIKBERG Jari</li> <li>3)OLOFSSON Hkan</li> </ul>
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(57) Abstract :

A fixed wireless terminal (29) comprises interfaces (32 34) and a controller (40) e.g. a Generic Access Network Controller (GANC). The controller (40) is configured to interwork Generic Access Network (GAN) signaling employed between the mobile wireless terminal (29) and the fixed wireless terminal (30) with circuit switched signaling employed between the fixed wireless terminal and the radio access network (22). The interworking enables the controller (40) to provide a circuit switched mobile telephony core network service to the mobile wireless terminal (30).

No. of Pages : 89 No. of Claims : 46

(19) INDIA

(22) Date of filing of Application :20/02/2014

(43) Publication Date : 09/01/2015

(51) International classification	:B60L11/18	(71)Name of Applicant :
(31) Priority Document No	:1102414	1)EVTRONIC
(32) Priority Date	:29/07/2011	Address of Applicant :ZI Edison Park 31 Avenue Gustave
(33) Name of priority country	:France	Eiffel F 33600 Pessac France
(86) International Application No	:PCT/EP2012/064314	(72)Name of Inventor :
Filing Date	:20/07/2012	1)STEMPIN Eric
(87) International Publication No	:WO 2013/017443	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.1 11	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
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#### (54) Title of the invention : ELECTRIC BATTERY CHARGING INSTALLATION AND METHOD

(57) Abstract :

The invention relates to an installation and a method for charging an electric battery for an electric vehicle, said electric vehicle comprising an on-board computer, said installation comprising a main power source (3) able to deliver a charging power Pci. According to this charging method, the following steps are carried out: the charging power Pc to be delivered to the electric battery of said vehicle is determined in relation to a charging voltage and/or current setpoint demanded at an instant t by said onboard computer, this charging power is compared against the charging power Pc to that a main power source (3) is capable of delivering, if Pc > Pci, use is made in addition to said main source (3), of at least one auxiliary power source (8) able to deliver a charging power Pc2 such that the sum of the charging powers delivered by said power sources is equal to the required charging power Pc.

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

(22) Date of filing of Application :20/02/2014

(43) Publication Date : 09/01/2015

#### (51) International classification :G01N21/64 (71)Name of Applicant : (31) Priority Document No 1)HONEYWELL INTERNATIONAL INC. :61/529401 (32) Priority Date Address of Applicant : Patent Services M/S AB/2B 101 :31/08/2011 (33) Name of priority country Columbia Road P. O. Box 2245 Morristown NJ 07962 2245 :U.S.A. (86) International Application No :PCT/US2012/052491 U.S.A. (72)Name of Inventor : Filing Date $\cdot 27/08/2012$ 1)RAPOPORT William Ross (87) International Publication No :WO 2013/033009 (61) Patent of Addition to Application 2)LAU Carsten :NA Number **3)KANE James** :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

### APPARATUS FOR THEIR AUTHENTICATION

(54) Title of the invention : ARTICLES WITH CONFOUNDED EMISSION CHARACTERISTICS AND METHODS AND

(57) Abstract :

Embodiments include articles authentication methods and apparatus and article manufacturing methods. An article includes a substrate with a first luminescent taggant and an extrinsic feature with a second luminescent taggant which is positioned proximate a portion of the article surface. The first and second taggants produce emissions in overlapping emission bands as a result of exposure to excitation energy. Above the extrinsic feature the substrate and extrinsic feature emissions combine in the overlapping emission band to produce confounded emissions that are distinguishable from the substrate emissions taken alone. An authentication system determines whether in a region corresponding to a substrate only region of an authentic article emissions having first emission characteristics are detected in the overlapping emission band. The system also determines whether in a region corresponding to an extrinsic feature region of an authentic article the confounded emissions are detected in the overlapping emission band.

No. of Pages : 51 No. of Claims : 10

(19) INDIA

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

(43) Publication Date : 09/01/2015

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> </ul>	:G06F17/30 :NA :NA :NA :PCT/SE2011/050974 :01/08/2011	<ul> <li>(71)Name of Applicant :</li> <li>1)TELEFONAKTIEBOLAGET L M ERICSSON (PUBL) Address of Applicant :S 164 83 Stockholm Sweden</li> <li>(72)Name of Inventor :</li> <li>1)IMBIMBO Amedeo</li> <li>2)PANCIONE Romina</li> </ul>
<ul> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number</li> <li>Filing Date</li> <li>(62) Divisional to Application Number</li> <li>Filing Date</li> </ul>	:WO 2013/019152 :NA :NA :NA :NA	3)CARNEVALE Giuseppe

#### (54) Title of the invention : RETAINED DATA HANDLING AT DIFFERENTIATED RESPONSE TIMES

(57) Abstract :

The present invention relates to a method for handling response times in a communication system comprising at least one data retention system (2;2 22 23) having at least one storage space (6A 6B 6C) for retained data. The at least one storage space (6A 6B 6C) has a defined response time (high medium low) for delivering retained data. The method comprises the following steps: Receiving (31) a request for retained data from anauthorized organization (3) to the at least one data retention system (2;2 22 23) which request comprises a specified data type and a retention time range Dividing (37) in the at least one data retention system the received retention time range into a least one time segment each corresponding to one defined response time (high medium low). Delivering (32) an acknowledge message from the at least one data retention system to the authorized organization which message comprises response and identification information corresponding to the at least one divided time segment.

No. of Pages : 33 No. of Claims : 16

(22) Date of filing of Application :23/01/2014

#### (43) Publication Date : 09/01/2015

#### (54) Title of the invention : ELECTRIC MOTOR

classification:H02K23/00,H02K23/04,H02K23/261)MITS(31) Priority Document No:2011164304Addre(32) Priority Date:27/07/2011Gunma 3(33) Name of priority country:Japan1)KAW	me of Applicant : (TSUBA Corporation dress of Applicant :2681 Hirosawa cho 1 chome Kiryu shi a 3768555 Japan me of Inventor : AWASHIMA Yoshichika OKIZAKI Teppei
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#### (57) Abstract :

An electric motor of the present invention comprises a yoke which comprises a plurality of permanent magnets a pivot an armature core (8) which comprises a plurality of teeth (12) and a slot (13) engaged with the pivot an armature coil (9) packed through concentrated winding at each of the teeth (12) a commutator disposed at the pivot with a plurality of segments (15) being arranged in a circumferential direction a low speed brush (21a) a high speed brush (21b) and a common brush (21c) used in common therewith which supply electricity to the armature coil (9) through the segments (15). When n is a natural number of at least 3 a number ratio between a magnetic pole the slot (13) and the segment (15) is set to be 2:3:3n.

No. of Pages : 45 No. of Claims : 5

(22) Date of filing of Application :19/02/2014

(43) Publication Date : 09/01/2015

### (54) Title of the invention : OVER CLAMPING PROTECTION METHOD AND CLAMPING MECHANISM THEREFOR

(57) Abstract :

A method where the spin factor is looked up in a table; the slip factor is measured and the clamping pressure is adjusted to achieve a slip/spin ratio provided in a desired range is described herein. According to another aspect an active mechanical clamping mechanism using a longitudinally movable contact point is also described.

No. of Pages : 30 No. of Claims : 13

(22) Date of filing of Application :19/02/2014

(43) Publication Date : 09/01/2015

#### (54) Title of the invention : EMULSIONS CONTAINING POLYLSINE AND POLAR MODIFIED POLYMER

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application</li> <li>No <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to</li> <li>Application Number <ul> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application</li> </ul>	:A61K8/64,A61K8/72,A61K8/88 :61/541310 :30/09/2011 :U.S.A. :PCT/US2012/058321 :01/10/2012 o:WO 2013/049824 :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)LOREAL <ul> <li>Address of Applicant :14 rue Royale F 75008 Paris France</li> </ul> </li> <li>(72)Name of Inventor : <ul> <li>1)MOTORNOV Mikhail</li> <li>2)BUI Hy</li> <li>3)SIMONNET Jean thierry</li> <li>4)PANG Christopher</li> </ul> </li> </ul>
Number Filing Date	:NA	

(57) Abstract :

The present invention generally relates to emulsions including a water in oil emulsion containing an oil soluble polar modified polymer and polylysine.

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

(21) Application No.1290/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :20/02/2014

(43) Publication Date : 09/01/2015

(51) International classification	:C02F1/46	(71)Name of Applicant :
(31) Priority Document No	:2011182493	1)MORINAGA MILK INDUSTRY CO. LTD.
(32) Priority Date	:24/08/2011	Address of Applicant :33 1 Shiba 5 chome Minato ku Tokyo
(33) Name of priority country	:Japan	1088384 Japan
(86) International Application No	:PCT/JP2012/065340	(72)Name of Inventor :
Filing Date	:15/06/2012	1)SHIRATO Masayasu
(87) International Publication No	:WO 2013/027477	2)MATSUYAMA Koki
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
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#### (54) Title of the invention : ELECTROLYZED WATER PRODUCTION DEVICE

(57) Abstract :

The electrolysis water-making apparatus (A) includes: an electrolytic cell (2); a raw material solution feed pump (3) used to supply the raw material solution (Wl, W3) 5 to the electrolytic cell (2); a raw material solution pipe (32, 36) connecting an outlet (3b) of the raw material solution feed pump (3) and an inlet (26) of the electrolytic cell (2); and an electrolyzed solution advection-deterring portion (40) formed in the raw material solution pipe (32,36) between the outlet (3b) and the inlet (26). The raw material solution feed pump (3) is provided so that the outlet (3b) is disposed on an upper side of 10 the inlet (26). A pitched pipe (32c) in which an end thereof near the inlet (26) is disposed on an upper side of another end thereof near the outlet (3b) is provided in at least a part of the electrolyzed solution advection-deterring portion (40).

No. of Pages : 95 No. of Claims : 9

(21) Application No.1343/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :21/02/2014

(43) Publication Date : 09/01/2015

(54) Title of the invention : EFFICIENT	COMPACT FUSION RE	ACTOR
<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application <ul> <li>Number</li> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application Number <ul> <li>Filing Date</li> </ul> </li> </ul>	:1115188.3 :02/09/2011 :U.K.	<ul> <li>(71)Name of Applicant :</li> <li>1)TOKAMAK SOLUTIONS UK LIMITED Address of Applicant :Culham Innovation Centre D5 Culham Science Centre Abingdon Oxfordshire OX14 3DB U.K.</li> <li>(72)Name of Inventor :</li> <li>1)KINGHAM David</li> <li>2)SYKES Alan</li> <li>3)GRYAZNEVICH Mikhail</li> </ul>

#### (57) Abstract :

An efficient compact nuclear fusion reactor for use as a neutron source or energy source is described. The reactor comprises a toroidal plasma chamber and a plasma confinement system arranged to generate a magnetic field for confining a plasma in the chamber. The plasma confinement system is configured so that a major radius of the confined plasma is 1.5m or less. The reactor is constructed using high temperature superconducting toroidal magnets which may be operated at low temperature (77K or lower) to provide enhanced performance. The toroidal magnetic field can be increased to 5T or more giving significant increases in fusion output so that neutron output is very efficient and the reactor can produce a net output of energy.

No. of Pages : 40 No. of Claims : 50

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

(43) Publication Date : 09/01/2015

## (54) Title of the invention : METHOD FOR OBTAINING AN OPEN PHOTOTROPHIC CULTURE WITH IMPROVED STORAGE COMPOUND PRODUCTION CAPACITY

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application</li> <li>No</li> <li>Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to</li> </ul>	:2007132 :18/07/2011 :Netherlands :PCT/NL2012/050515 :18/07/2012 p:WO 2013/012329	<ul> <li>(71)Name of Applicant :</li> <li>1)TECHNISCHE UNIVERSITEIT DELFT Address of Applicant :Stevinweg 1 NL 2628 CN Delft Netherlands</li> <li>(72)Name of Inventor :</li> <li>1)TAMIS Jelmer</li> <li>2)KLEEREBEZEM Robbert</li> <li>3)VAN LOOSDRECHT Mark Cornelis Maria</li> </ul>
	b:WO 2013/012329 :NA :NA	3)VAN LOOSDRECHT Mark Cornelis Maria
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The invention is directed to a method for producing an open phototrophic culture with improved storage compound production capability. In accordance with the invention a starting culture is submitted to selective pressure thus giving a competitive advantage to storage compound producing species by subjecting said starting culture to a cycle of alternating dark phases and light phases and providing limitation of availability of essential growth nutrients in one or more of said light phases. The resulting culture can be used to provide storage compounds in improved yields.

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

(22) Date of filing of Application :23/01/2014

#### (43) Publication Date : 09/01/2015

# (54) Title of the invention : LEAKTIGHT JOINING DEVICE FOR THE ASEPTIC TRANSFER OF A BIOPHARMACEUTICAL PRODUCT BETWEEN A CHAMBER AND A CONTAINER

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number</li> </ul>	:1157007 :29/07/2011 :France :PCT/FR2012/051664 :12/07/2012 :WO 2013/017765 :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)SARTORIUS STEDIM FMT SAS <ul> <li>Address of Applicant :Z.I. des Paluds Avenue de Jouques F</li> <li>13400 Aubagne France</li> <li>(72)Name of Inventor :</li> <li>1)NODIN Ga«lle</li> <li>2)GIBELIN Jrmy</li> </ul> </li> </ul>
(62) Divisional to Application Number Filing Date	:NA :NA	

#### (57) Abstract :

Leaktight joining device for the aseptic transfer of a biopharmaceutical product between a chamber and a container. The invention relates to the field of the aseptic transfer of biopharmaceutical products between a container and a closed chamber. More specifically the invention relates according to a first aspect to a leaktight joining device (40) for ensuring the aseptic transfer of a biopharmaceutical product between a chamber (10) equipped with a removable door (18) and a container (20) equipped with a removable cover (28) comprising: stationary temporary flanging means (50) stationary unlocking means (60) capable of changing the container (20) from an initial locking position to an intermediate unlocking position so as to ensure an aseptic communication between said container (20) and said chamber (10) stationary locking means (70) capable of changing the container (20) from the intermediate unlocking position to a final locking position an annular functional ring gear (42) capable of actuating the stationary unlocking means (50) the stationary locking means (60) and the stationary locking means (70) are mechanically linked to the annular functional ring gear (42) and arranged so that the unidirectional rotation of said annular functional ring gear (42) about the geometric axis of rotation (R) successively drives the actuation thereof.

No. of Pages : 41 No. of Claims : 24

(22) Date of filing of Application :14/02/2014

(43) Publication Date : 09/01/2015

#### (54) Title of the invention : METHOD DEVICE AND SYSTEM FOR DETECTING VIBRATION OF ARM REST OF ENGINEERING MACHINERY AND ENGINEERING MACHINERY

(51) International classification	:G01H17/00,G01B21/00	(71)Name of Applicant :
(31) Priority Document No	:201110197840.8	1)ZOOMLION HEAVY INDUSTRY SCIENCE AND
(32) Priority Date	:14/07/2011	TECHNOLOGY CO. LTD.
(33) Name of priority country	:China	Address of Applicant :NO.361 Yinpen South Road Yuelu
(86) International Application No	:PCT/CN2011/078052	District Changsha Hunan 410013 China
Filing Date	:05/08/2011	2)HUNAN ZOOMLION SPECIAL VEHICLE CO. LTD.
(87) International Publication No	:WO 2013/007044	(72)Name of Inventor :
(61) Patent of Addition to Application	:NA	1)LI Xuejun
Number	:NA :NA	2)WANG Shuai
Filing Date	INA	3)LI Kuifang
(62) Divisional to Application Number	:NA	4)YI Weichun
Filing Date	:NA	5)YIN Jun

#### (57) Abstract :

Disclosed is a method for detecting the vibration of an arm rest of engineering machinery. The method comprises: reading a rotation angle of an arm rest in a horizontal plane and a rotation angle of the arm rest in a vertical plane at multiple points of time (S102); calculating three dimensional coordinates of an end portion of the arm rest at each point of time according to the length of the arm rest and the rotation angle in the horizontal plane and the rotation angle in the vertical plane read at each point of time (S104); obtaining according to the three dimensional coordinates at each point of time obtained through calculation a condition of the three dimensional coordinates changing with time (S106). The method conveniently detects the vibration of an arm rest in different gestures in three dimensional directions is more intelligent and automatic avoids the work of manually recording the coordinates of the end portion of the arm rest and obtains a more accurate detection result. Also disclosed are a device and a system for detecting the vibration of an arm rest of engineering machinery by using the foregoing method and engineering machinery comprising the system.

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

(21) Application No.1138/DELNP/2014 A

(22) Date of filing of Application :14/02/2014

(43) Publication Date : 09/01/2015

### (54) Title of the invention : RADIO FREQUENCY IDENTIFICATION TECHNOLOGY INCORPORATING CRYPTOGRAPHICS

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No</li> </ul>	:G06K19/07,H04B1/59,H04L9/30 :61/521094 :08/08/2011 :U.S.A. :PCT/AU2012/000933	<ul> <li>(71)Name of Applicant :</li> <li>1)MIKOH CORPORATION Address of Applicant :c/o Argy 8405 Greensboro Drive Suite </li> <li>700 McLean VA 22102 U.S.A.</li> <li>(72)Name of Inventor : 1)ATHERTON Peter Samuel </li> </ul>
Filing Date (87) International Publication No	:08/08/2012 :WO 2013/020172	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Disclosed is a radio frequency identification (RFID) tag comprising: an RFID functional portion configured to enable wireless communication between the RFID tag and an RFID reader; a data processing functional portion with asymmetric cryptographic capability; and a power source configured to power the data processing functional portion.

No. of Pages : 53 No. of Claims : 36

(22) Date of filing of Application :20/02/2014

(43) Publication Date : 09/01/2015

## (54) Title of the invention : DRILL BIT MOUNTED DATA ACQUISITION SYSTEMS AND ASSOCIATED DATA TRANSFER APPARATUS AND METHOD

(31) Priority Document No:13/214(32) Priority Date:22/08/2(33) Name of priority country:U.S.A.(86) International Application No:PCT/UFiling Date:22/08/2	2011         Address of Applicant :P.O. Box 4740 Houston TX 77210 4740           .         U.S.A.           JS2012/051839         (72)Name of Inventor :
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#### (57) Abstract :

A data acquisition module comprising a base sized and configured for disposition within a shank of a drill bit bore and an extension protruding therefrom having electrical contacts on an exterior surface thereof for connection to electrical contacts on an interior surface of a sub secured to the bit shank. A drill bit equipped with a data acquisition module a bottom hole assembly including a drill bit bearing a data acquisition module operably coupled to a sub secured to the drill bit and a method of transferring data from a data acquisition module carrying a data acquisition module to a sub secured to the drill bit.

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

(22) Date of filing of Application :21/01/2014

(43) Publication Date : 09/01/2015

(54) Title of the invention : SUBSTITUTED 3 (BIPHENYL 3 YL) 4 HYDROXY 8 METHOXY 1 AZASPIRO[4.5]DEC 3 EN 2 ONE

<ul> <li>(51) International classification</li> <li>(31) Priority Document N</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:C0/D209/34,A61K31/403,A61P33/00 o :10 2011 080 406.4 :04/08/2011 :Germany :PCT/EP2012/064974 :31/07/2012 :WO 2013/017600	<ul> <li>(71)Name of Applicant :</li> <li>1)BAYER INTELLECTUAL PROPERTY GMBH Address of Applicant :Alfred Nobel Str. 10 40789 Monheim Germany</li> <li>(72)Name of Inventor :</li> <li>1)LIU Ningshu</li> <li>2)THEDE Kai</li> <li>3)M-NNING Ursula</li> <li>4)SCHOLZ Arne</li> <li>5)HILGER Christoph Stephan</li> <li>6)B-MER Ulf</li> <li>7)FISCHER Reiner</li> </ul>
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(57) Abstract :

The invention concerns substituted 3 (biphenyl 3 yl) 4 hydroxy 8 methoxy 1 azaspiro[4.5]dec 3 en 2 one more particularly for therapeutic purposes pharmaceutical means and the use thereof in treatment in particular for prophylaxis and for the treatment of tumorous diseases.

No. of Pages : 91 No. of Claims : 16

(19) INDIA

(22) Date of filing of Application :23/01/2014

#### (43) Publication Date : 09/01/2015

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application</li> <li>No</li> <li>Filing Date</li> <li>(87) International Publication N</li> <li>(61) Patent of Addition to</li> <li>Application Number</li> <li>Filing Date</li> <li>(62) Divisional to Application</li> <li>Number</li> <li>Filing Date</li> </ul>	:2011178997 :18/08/2011 :Japan :PCT/JP2012/070767 :15/08/2012	<ul> <li>(71)Name of Applicant : <ol> <li>NIPPON STEEL &amp; SUMITOMO METAL</li> </ol> </li> <li>CORPORATION <ul> <li>Address of Applicant :6 1 Marunouchi 2 chome Chiyoda ku</li> <li>Tokyo 1008071 Japan</li> </ul> </li> <li>(72)Name of Inventor : <ul> <li>1)TERAMOTO Shinya</li> <li>2)KUBOTA Manabu</li> </ul> </li> </ul>
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(54) Title of the invention : SPRING STEEL AND SPRING

(57) Abstract :

Provided is a spring steel that ultimately forms a high strength spring by maximizing a temper softening resistance effect achieved by alloying elements while suppressing the generation of a SiO hard inclusion or the occurrence of decarbonization which cause a deterioration in the fatigue characteristics of a spring. This spring steel is characterized by containing in terms of mass % 0.50 to 0.70% of C 1.00 to 5.00% of Si 0.30 to 2.00% of Mn 0.0002 to 0.0500% of P 0.0002 to 0.0500% of S 0.10 to 3.50% of Cr 0.0005 to 0.0500% of Al and 0.0020 to 0.0100% of N with the remainder comprising Fe and unavoidable impurities wherein the value of H as defined by formula (a) is 160 or higher and the value of C as defined by formula (b) is 3.25 or lower. H = 33.6[C] + 10.0[Si] + 5.95[Mn] + 11.1[Cr] + 90.0...(a) C = [Si]/[Mn]...(b)

No. of Pages : 35 No. of Claims : 8

(19) INDIA

(22) Date of filing of Application :20/02/2014

(43) Publication Date : 09/01/2015

#### (54) Title of the invention : DRIVING ASSISTANCE DEVICE AND DRIVING ASSISTANCE METHOD (51) International classification :G08G1/16 (71)Name of Applicant : (31) Priority Document No 1)TOYOTA JIDOSHA KABUSHIKI KAISHA :NA (32) Priority Date Address of Applicant :1 Toyota cho Toyota shi Aichi 4718571 :NA (33) Name of priority country :NA Japan (86) International Application No :PCT/JP2011/069310 (72)Name of Inventor : **1)SATO Minami** Filing Date :26/08/2011 (87) International Publication No :WO 2013/030903 2)SHIMIZU Masavuki (61) Patent of Addition to Application 3)HAYASAKA Shoichi :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

Provided are a driving assistance device and driving assistance method capable of appropriately deciding the necessity of driving assistance and implementing effective driving assistance. The driving assistance device (1) obtains a time to collision (TTC) before a vehicle reaches an intersection point where the vehicle and a moving body intersect in the travel direction of the vehicle and the direction intersecting the travel direction and a time to vehicle (TTV) before the moving body reaches the intersection point and implements driving assistance for the vehicle on the basis of the mutual relation between the TTC and the TTV.

No. of Pages : 22 No. of Claims : 6

(22) Date of filing of Application :21/01/2014

(43) Publication Date : 09/01/2015

#### (54) Title of the invention : SYSTEMS AND METHODS FOR A LARGE SCALE CREDIT DATA PROCESSING ARCHITECTURE

(51) International classification	:G06Q40/00	(71)Name of Applicant :
(31) Priority Document No	:61/507092	1) EXPERIAN INFORMATION SOLUTIONS INC.
(32) Priority Date	:12/07/2011	Address of Applicant :475 Anton Blvd. Costa Mesa CA 92626
(33) Name of priority country	:U.S.A.	U.S.A.
(86) International Application No		(72)Name of Inventor :
Filing Date	:11/07/2012	1)ACHANTA Venkat
(87) International Publication No	:WO 2013/009920	2)AARAVABHOOMI Karthikeyan Reddy
(61) Patent of Addition to Application	:NA	3)LASSEN Patricia Cheryl
Number Filing Date	:NA	4)SUMIDA Timothy
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract :

Systems and methods are provided for processing large volumes of credit related data and other data and generating products based on the processed data. Data received from a number of different data sources (102) (104) (106) may be processed in parallel by an information management system (110) and stored in memory (122). Reporting rules (140) may be defined in association with each of a number of different accounts and maintained by a product delivery system (130). Products such as credit reports may then be generated by the product delivery system (130) based on one or more rule sets.

No. of Pages : 56 No. of Claims : 27

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

(43) Publication Date : 09/01/2015

#### (54) Title of the invention : METHOD FOR PRODUCING BENZO[B]THIOPHENE COMPOUND

<ul> <li>(51) International classification</li> <li>(31) Priority Document Not (32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to</li> </ul>	:28/07/2011 :Japan :PCT/JP2012/069784 :27/07/2012 :WO 2013/015456 :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)OTSUKA PHARMACEUTICAL CO. LTD. Address of Applicant :9 Kanda Tsukasamachi 2 chome</li> <li>Chiyoda ku Tokyo 1018535 Japan</li> <li>(72)Name of Inventor :</li> <li>1)SHINHAMA Koichi</li> <li>2)UTSUMI Naoto</li> <li>3)SOTA Masahiro</li> <li>4)FUJIEDA Shigeo</li> <li>5)OGASAWARA Shin</li> </ul>
Application Number Filing Date	:NA :NA	

#### (57) Abstract :

The present invention provides a method for producing a compound of Formula (4): wherein R is a hydrogen atom etc. by reacting a compound of Formula (2): wherein X is a leaving group with a compound of Formula (3): wherein R is as defined above in the presence of (a) a palladium compound and a tertiary phosphine or (b) a palladium carbene complex in an inert solvent or without a solvent. The present invention can produce the compound of Formula (4) with high purity and high yield and by a simple operation.

No. of Pages : 57 No. of Claims : 15

(19) INDIA

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

(43) Publication Date : 09/01/2015

(51) International classification	:G05D7/01	(71)Name of Applicant :
(31) Priority Document No	:TO2011A000615	1)ELBI INTERNATIONAL S.p.A.
(32) Priority Date	:13/07/2011	Address of Applicant : Corso Galileo Ferraris 110 I 10129
(33) Name of priority country	:Italy	Torino Italy
(86) International Application No	:PCT/IB2012/053566	(72)Name of Inventor :
Filing Date	:12/07/2012	1)BOSIO Roberto
(87) International Publication No	:WO 2013/008199	2)RAVEDATI Paolo
(61) Patent of Addition to Application	:NA	3)RENDESI Maurizio
Number		4)MOLINO Giorgio
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		1

#### (54) Title of the invention : HYDRAULIC FLOW RATE REGULATING DEVICE

(57) Abstract :

The regulating device (1) comprises a body (2) including a hub (3) which has a first end (3a) connected to a surrounding ring (4) such as to define therebetween at least one passage (6) for the fluid between the upstream and downstream regions and the other or second end (3b) of which protrudes with respect to the ring (4). The ring (4) has on a surface thereof an annular distribution of projections (7). On the second end (3b) of the hub (3) there is mounted a flexible ring shaped regulating member (8) facing and spaced from the tops of said projections (7) and capable during use of resiliently flexing towards them as a result of and depending on the difference in pressure between the upstream and downstream regions. The ring (4) is further provided with a plurality of restricted holes (10) having a fluid flow parallel to the at least one passage (6). These restricted holes (10) are formed essentially in the same radial portion (C) of the ring (4) in which the projections (7) are provided such that the holes (10) are circumferentially and radially comprised each between a pair of projections (7).

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

(22) Date of filing of Application :23/01/2014

(43) Publication Date : 09/01/2015

(54) Title of the invention : PYRAZOLO[3 4 D]PYRIMIDINE COMPOUNDS THEIR PREPARATION AND USE AS SIGMA LIGANDS

(51) International classification	:C07D487/04,A61K31/519	(71)Name of Applicant :
(31) Priority Document No	:11382249.8	1)LABORATORIOS DEL DR. ESTEVE S.A.
(32) Priority Date	:21/07/2011	Address of Applicant : Avda. Mare de Deu de Montserrat 221
(33) Name of priority country	:EPO	E 08041 Barcelona Spain
(86) International Application No	:PCT/EP2012/063825	(72)Name of Inventor :
Filing Date	:13/07/2012	1)CUBERES ALTISENT Maria Rosa
(87) International Publication No	:WO 2013/010950	2)CORBERA ARJONA Jordi
(61) Patent of Addition to Application	:NA	3)DIAZ FERNANDEZ Jose Luis
Number	:NA	4)ALMANSA ROSALES Carmen
Filing Date	.INA	
(62) Divisional to Application Number	r :NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to new pyrazolo[3 4 ]pyrimidine compounds having a great affinity for sigma receptors especially sigma 1 receptors as well as to the process for the preparation thereof to composition comprising them and to their use as medicaments.

No. of Pages : 100 No. of Claims : 21

(22) Date of filing of Application :20/02/2014

(43) Publication Date : 09/01/2015

# (54) Title of the invention : PERMEABLE ELECTRICAL HEAT RESISTANT FILM FOR VAPORISATION OF LIQUIDS FROM DISPOSABLE MOUTHPIECES COMPRISING VAPORISATION MEMBRANES

(51) International classification	:A24F47/00,H05B3/22	(71)Name of Applicant :
(31) Priority Document No	:11183197.0	1)PHILIP MORRIS PRODUCTS S.A.
(32) Priority Date	:28/09/2011	Address of Applicant : Quai Jean Renaud 3 CH 2000 Neuchtel
(33) Name of priority country	:EPO	Switzerland
(86) International Application No	:PCT/EP2012/069135	(72)Name of Inventor :
Filing Date	:27/09/2012	1)RINKER Arno
(87) International Publication No	:WO 2013/045582	2)LITZENBERGER Philipp
(61) Patent of Addition to Application	:NA	
Number	:NA :NA	
Filing Date	.1174	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract :

A heating device in the form of a metallic film or thin sheet in the shape of a double spiral (101) and/or sinuous line (102) having two ends and with the cross sectional dimension of a cigarette or small cigar for vaporising substances containing active and/or aromatic ingredients from a mouthpiece (3) in the form of a hollow cylinder (31) comprising one or more vaporisation membranes (32) and a flange (33) for detachable connection to a controlled or regulated electrical voltage source (4) wherein the intermediate spaces of the double spiral and/or sinuous line of the heating device are open and thus permeable to flowing fluids and wherein the heating device is in surface contact with at least one vaporisation membrane which is also permeable to flowing fluids and is wetted or becomes wetted with a substance containing active and/or aromatic ingredients to be vaporised and wherein the heating device and the at least one vaporisation membrane are arranged orthogonally or at an angle to the fluid stream passing through the mouthpiece wherein the fluid stream flows through the heating device and the vaporisation membranes completely wherein the heating device vaporises the substances containing active and/or aromatic ingredients located on the vaporisation membrane or membranes and supplies said substances to the fluid stream.

No. of Pages : 19 No. of Claims : 12

(19) INDIA

(22) Date of filing of Application :23/01/2014

(54) Title of the invention · VEHICLE CONTROL DEVICE

#### (43) Publication Date : 09/01/2015

(54) The of the invention . VEHICLE CC	DIVINOE DE VICE	1
(51) International classification	:F16D48/02	(71)Name of Applicant :
(31) Priority Document No	:NA	1)TOYOTA JIDOSHA KABUSHIKI KAISHA
(32) Priority Date	:NA	Address of Applicant :1 Toyota cho Toyota shi Aichi 471857
(33) Name of priority country	:NA	Japan
(86) International Application No	:PCT/JP2011/066871	(72)Name of Inventor :
Filing Date	:25/07/2011	1)KONO Katsumi
(87) International Publication No	:WO 2013/014741	2)ASAHARA Norimi
(61) Patent of Addition to Application	:NA	3)KIM Jonggap
Number	:NA :NA	
Filing Date	.INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(57) 11 1		1

#### (57) Abstract :

A vehicle control device (10) for use in a vehicle (1) capable of coasting in which if there is no acceleration or deceleration request to the vehicle (1) while in motion power transmission between an engine (2) and a drive wheel (4) is interrupted and the vehicle (1) is allowed to coast. In the vehicle control device (10) if in a state where power is being transmitted between the engine (2) and the drive wheel (4) and no acceleration or deceleration request is made to the vehicle (1) while in motion a determination is made as to whether to coastl by comparing a required deceleration rate (Dt) which is estimated as the deceleration rate to be later required of the vehicle (1) and a coasting deceleration rate (Dn) which is estimated as the deceleration rate if coasting travel is implemented. Then if it is determined that coasting travel is to be implemented power transmission between the engine (2) and the drive wheel (4) is interrupted and coasting travel is implemented while if it is determined that coasting travel is not to be implemented power transmission between the engine (2) and the drive wheel (4) is maintained. With this configuration the implementation of coasting travel that may give the driver discomfort or unease is suppressed.

No. of Pages : 28 No. of Claims : 6

(22) Date of filing of Application :23/01/2014

(43) Publication Date : 09/01/2015

(54) Title of the invention : BIMATERIAL FLIGHT ASSEMBLY FOR AN ELEVATOR SYSTEM FOR A WHEEL TRACTOR SCRAPER

<ul> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No</li> <li>Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number</li> <li>Filing Date</li> <li>(62) Divisional to Application Number</li> </ul>		<ul> <li>(71)Name of Applicant :</li> <li>1)CATERPILLAR INC. Address of Applicant :100 N.E. Adams Street Peoria IL 61629</li> <li>9510 U.S.A.</li> <li>(72)Name of Inventor :</li> <li>1)SHAH Ashish A.</li> </ul>
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(57) Abstract :

An improved flight assembly (42) for an elevator (12) used with a wheel tractor scraper (10) is provided. The flight assembly (42) comprises a support member (44) made of one type of material and an edge plate (46) made of a second type of material that is harder and less flexible than the support member material. The edge plate is mounted to the support member (44) and includes the cutting/digging edge (74) of the flight assembly (42). In one embodiment the support member (44) is made of a rolled steel material having a hardness of about 205 BHN and the edge plate (46) is made of a hardened heat treated steel material having a hardness of between about 360 BHN and about 440 BHN.

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

(19) INDIA

(22) Date of filing of Application :20/02/2014

#### (43) Publication Date : 09/01/2015

#### (54) Title of the invention : PROTECTIVE ENCLOSURE (71)Name of Applicant : (51) International classification :B60P7/02,B62J17/08,E04H15/40 1)CHEN David (31) Priority Document No :61/521691 Address of Applicant :2108 Greenside Drive Springfield (32) Priority Date :09/08/2011 Illinois 62704 U.S.A. (33) Name of priority country :U.S.A. 2)RANDHAWA Karan (86) International Application :PCT/IB2012/053916 3)ALTMAN Andrew No :31/07/2012 4)PINTO Maxime Filing Date **5)PINEDA Elvine** (87) International Publication :WO 2013/021313 6)GOLDSBERRY Nathan No (72)Name of Inventor : (61) Patent of Addition to 1)CHEN David :NA Application Number 2)RANDHAWA Karan :NA Filing Date **3)ALTMAN Andrew** (62) Divisional to Application :NA **4)PINTO Maxime** Number :NA **5)PINEDA Elvine** Filing Date 6)GOLDSBERRY Nathan

#### (57) Abstract :

A detachable protective enclosure for two wheelers is disclosed. The detachable protective enclosure comprises an elongated endless coilable element forming parallel loops of varying orientations and a flexible material attached around the periphery of the said coilable element. The loops are spaced apart by the flexible material to form an arcuate canopy having two side members a top member a front member and a rear member when in open position. The detachable protective enclosure is attached to a two wheeler by a first attachment means for rotatably attaching the said enclosure to the front end of a two wheeler and a second attachment means for attaching the enclosure to the rear end of the two wheeler.

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

(19) INDIA

(22) Date of filing of Application :21/02/2014

#### (43) Publication Date : 09/01/2015

#### (51) International classification :F02M59/46 (71)Name of Applicant : (31) Priority Document No **1)ROBERT BOSCH GMBH** :201120326049.8 (32) Priority Date Address of Applicant :Postfach 30 02 20 70442 Stuttgart :25/08/2011 (33) Name of priority country :China Germany (86) International Application No :PCT/CN2012/071850 (72)Name of Inventor : 1)XIAO Haodong Filing Date :02/03/2012 (87) International Publication No :WO 2013/026273 2)TANG Zhaohui (61) Patent of Addition to Application **3)ZHANG Jianxin** :NA Number 4)JIN Xin :NA Filing Date 5)ZHU Rong (62) Divisional to Application Number :NA Filing Date :NA

### (54) Title of the invention : FLUID INLET/OUTLET VALVE FOR USE IN A HIGH PRESSURE FLUID PUMP

(57) Abstract :

A fluid inlet/outlet valve (24) for use in a high pressure fluid pump (104) is provided. The fluid pump (104) comprises a plunger barrel (2) and a plunger (1) reciprocating in a plunger receiving hole (2a) of the plunger barrel (2). The fluid inlet/outlet valve (24) tightly contacts with the plunger barrel (2) to form a sealing surface. The boundary of a fluid compression chamber is defined by an end surface of the plunger (1) a portion of a valve body surface of the fluid inlet/outlet valve (24) and a part of the inner wall surface of the plunger receiving hole (2a). On the fluid inlet/outlet valve (24) side the edge of the plunger receiving hole (2a) is provided with a hole end recess (2c) enlarging the diameter of the plunger receiving hole (2a). The fluid inlet/outlet valve (24) comprises a valve body and a valve body recess (241h) at least partially located above the hole end recess (2c) is provided on the lower surface of the valve body. In particular a fuel inlet/outlet valve (24) for use in a high pressure fuel pump is provided.

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

(21) Application No.524/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :23/01/2014

(43) Publication Date : 09/01/2015

#### (54) Title of the invention : HEATING FURNACE AND METHOD FOR CLEANING INTERIOR OF HEATING FURNACE

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to <ul> <li>Application Number</li> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application</li> </ul>	:27/07/2012	<ul> <li>(71)Name of Applicant :</li> <li>1)CHUGAI RO CO. LTD. Address of Applicant :3 6 1 Hiranomachi Chuo ku Osaka shi Osaka 5410046 Japan</li> <li>(72)Name of Inventor :</li> <li>1)YAMAMOTO Shunsuke</li> </ul>
(62) Divisional to Application Number Filing Date	:NA :NA	

#### (57) Abstract :

For a heating furnace for which the hearth is supported by means of hearth support pillars provided in a space below the hearth the present invention addresses the problem of efficiently and quickly removing scale and the like generated in the heating furnace and accumulating on the hearth without providing complex equipment in the heating furnace. In this heating furnace (1) for which the hearth (10) is supported by means of hearth support pillars (15) provided in a space (S) below the hearth the hearth is divided into multiple sections and at least a portion of the hearth support pillars supporting the resulting hearth sections (10a) are provided with elevation devices (14). The hearth sections are raised or lowered via the hearth support pillars by means of these elevation devices thereby forming vertical gaps between adjacent hearth sections and the interior of the heating furnace is cleaned by way of these gaps.

No. of Pages : 23 No. of Claims : 5

(19) INDIA

(22) Date of filing of Application :23/01/2014

(43) Publication Date : 09/01/2015

:A61K	(71)Name of Applicant :
:60/621,123	1)DURECT CORPORATION
:21/10/2004	Address of Applicant :10240 Bubb Road Cupertino, CA
:U.S.A.	95014, United States of America
:PCT/US2005/038086	(72)Name of Inventor :
:21/10/2005	1)YUM, Su, II
: NA	2)THEEUWES, Felix
•NT A	
INA	
:3311/DELNP/2007	
:03/05/2007	
	:60/621,123 :21/10/2004 :U.S.A. :PCT/US2005/038086 :21/10/2005 : NA :NA :NA :3311/DELNP/2007

#### (54) Title of the invention : TRANSDERMAL DELIVERY SYSTEMS

(57) Abstract :

Transdermal delivery systems for administering sufentanil through the skin are provided. The systems contain a sufficient amount of sufentanil to induce and maintain a constant state of analgesia when applied to a subject. The systems are characterized as having one or more features including a high degree of dosage form rate control over flux of sufentanil from the system, a high net flux of sufentanil from the system through the skin, lack of a permeation enhancer, an adhesive member demonstrating superior shear time, a low coefficient of variation in the net flux of sufentanil from the system. A high delivery efficiency, and a substantially constant steady state net flux of sufentanil from the system. Methods of using the transdermal delivery systems to administer a sufficient amount of sufentanil to induce and maintain analgesia for extended periods when applied to a subject are also provided.

No. of Pages : 62 No. of Claims : 6

(22) Date of filing of Application :20/02/2014

(43) Publication Date : 09/01/2015

## (54) Title of the invention : COMPOSITION FOR USE IN THE PROMOTION OF MAGNESIUM ABSORPTION AND/OR MAGNESIUM RETENTION

<ul><li>(51) International classification</li><li>(31) Priority Document No</li><li>(32) Priority Date</li></ul>	:A23D9/00,A23L1/052,A23L1/30 :11185610.0 :18/10/2011	<ul> <li>(71)Name of Applicant :</li> <li>1)NESTEC S.A.</li> <li>Address of Applicant : Avenue Nestl 55 CH 1800 Vevey</li> </ul>
<ul><li>(33) Name of priority country</li><li>(86) International Application</li><li>No</li></ul>	:EPO :PCT/EP2012/070404 :15/10/2012	Switzerland (72)Name of Inventor : 1)GARCIA RODENAS Clara
Filing Date (87) International Publication No	:WO 2013/057072	2)HOPPLER Matthias 3)OFFORD CAVIN Elizabeth
<ul> <li>(61) Patent of Addition to</li> <li>Application Number</li> <li>Filing Date</li> <li>(62) Divisional to Application</li> </ul>	:NA :NA	
Number Filing Date	:NA :NA	

(57) Abstract :

The invention discloses a composition comprising a mixture of oligosaccharides said mixture containing at least one N acetylated oligosaccharide at least one sialylated oligosaccharide and at least one neutral oligosaccharide for use in the promotion magnesium absorption and/or magnesium retention. The composition preferably further comprises at least one long chain polyunsaturated fatty acid and/or at least one probiotic. This composition is particularly adapted for use in infants notably preterm infants.

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

#### (19) INDIA

(22) Date of filing of Application :21/01/2014

#### (43) Publication Date : 09/01/2015

(54) Title of the invention : CHAIN AND	COUPLING LINKS	
<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:F16G13/06 :61/529223 :30/08/2011 :U.S.A.	<ul> <li>(71)Name of Applicant :</li> <li>1)ESCO CORPORATION <ul> <li>Address of Applicant :2141 Nw 25th Avenue Portland OR</li> </ul> </li> <li>97210 2578 U.S.A.</li> <li>(72)Name of Inventor : <ul> <li>1)BRISCOE Terry L.</li> <li>2)CARPENTER Christopher M.</li> <li>3)ROSE Michael</li> <li>4)HIRTLE Sean T.</li> <li>5)OLLINGER Charles G.</li> </ul> </li> </ul>

(57) Abstract :

A coupling link for connecting two parts together includes link components (which each form a partial link) that are joined together with a removable support. The support and link components are coupled together to withstand high loads and/or adverse wear conditions. The inventive construction is strong durable efficient cost effective and easy to use. Wear caps are provided to facilitate extended usable chain life.

No. of Pages : 61 No. of Claims : 50

(19) INDIA

(22) Date of filing of Application :21/01/2014

(43) Publication Date : 09/01/2015

(54) Title of the invention : COMBINATION THERAPY			
<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No <ul> <li>Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> </ul> </li> </ul>		<ul> <li>(71)Name of Applicant :</li> <li>1)BIOSCEPTRE INTERNATIONAL LIMITED Address of Applicant :11 Julius Avenue North Ryde New South Wales 2113 Australia</li> <li>(72)Name of Inventor :</li> <li>1)BARDEN Julian Alexander</li> <li>2)GIDLEY BAIRD Angus</li> </ul>	
(87) International Publication No	:WO 2013/003895		
Filing Date	:NA		
(62) Divisional to Application Number Filing Date	:NA :NA		

(57) Abstract :

The invention relates to producing humoral response to P2X7 receptors in individuals having cancer and to minimising the progression of cancer in said individuals.

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

(21) Application No.493/DELNP/2014 A

(22) Date of filing of Application :21/01/2014

(43) Publication Date : 09/01/2015

#### (54) Title of the invention : METHOD OF PRODUCING NANOPARTICLES BY GENERATING AN ELECTRICAL SPARK

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> </ul>	:B01J13/02,C01B21/068,C01B31/02 :2011/05035 :08/07/2011 :South Africa :PCT/IB2012/053023 :15/06/2012	<ul> <li>(71)Name of Applicant :</li> <li>1)PST SENSORS (PROPRIETARY) LIMITED Address of Applicant :RW James Building Room 513 Upper Campus University of Cape Town 7700 Cape Town South Africa (72)Name of Inventor :</li> <li>1)BRITTON David Thomas</li> <li>2)SCRIBA Manfred Rudolf</li> </ul>
(87) International Publication No	<sup>n</sup> :WO 2013/008112	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

#### (57) Abstract :

A method is provided of producing nanoparticles in the size range 1 nm to 1000 nm through the synthesis of one or more precursor fluids. The method includes providing a fluid medium comprising at least one precursor fluid and generating an electrical spark within said fluid medium to cause pyrolysis of said at least one precursor fluid in a relatively hot plasma zone to produce at least one radical species. Nanoparticles are formed by nucleation in the fluid medium in a cooler reaction zone about the plasma zone where the radical species acts as a reactant or catalytic agent in the synthesis of material composing the nanoparticles. The spark is created by an electrical discharge having a frequency between 0.01 Hz and 1 kHz and a total energy between 0.01 J and 10 J. The nanoparticles may comprise silicon or compounds or alloys of silicon and are typically useful in electronic and electrical applications.

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

(22) Date of filing of Application :24/01/2014

(43) Publication Date : 09/01/2015

## (54) Title of the invention : A FLOW CELL FOR MEASURING ELECTROMAGNETIC RADIATION ABSORPTION SPECTRA IN A CONTINUOUSLY FLOWING IMMISCIBLE LIQUID(S) OR LIQUIDS WITH ENTRAINED GAS PHASES

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application <ul> <li>Number</li> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application Number</li> </ul>	:13/231276 :13/09/2011 :U.S.A.	<ul> <li>(71)Name of Applicant :</li> <li>1)SABIC INNOVATIVE PLASTICS IP B.V. Address of Applicant :Plasticslaan 1 NL 4612PX Bergen op Zoom Netherlands</li> <li>(72)Name of Inventor :</li> <li>1)NELSON Mark Erik</li> <li>2)DYKMAN Arkady Samuilovich</li> <li>3)ZINENKOV Andrey Vladimirovich</li> <li>4)MOSKVIN Alexey Leonidovich</li> <li>5)DROZDOVA Lubov Borisovna</li> </ul>
(62) Divisional to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number	:NA	

#### (57) Abstract :

An apparatus and method for spectral analysis of immiscible phases are disclosed. A flow cell for online absorption measurements of immiscible process phases can comprise: a body containing an inlet window and an outlet window in operable communication with a measurement instrument; and a series of partitions that divide the inside of the flow cell into three (3) or more vessels that have an inlet and an outlet wherein the vessels are connected in series with one another. Optionally the first vessel is equipped with a porous membrane to facilitate the separation of immiscible process phases.

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

(22) Date of filing of Application :24/01/2014

(43) Publication Date : 09/01/2015

(54) Title of the invention : INSULATION SYSTEMS WITH IMPROVED RESISTANCE TO PARTIAL DISCHARGE PRODUCTION METHOD FOR THIS

<ul> <li>(86) International Application No. Filing Date</li> <li>(87) International Publication No.</li> <li>(61) Patent of Addition to Application Number</li> </ul>	p:PCT/EP2012/067116 :03/09/2012	<ul> <li>(71)Name of Applicant :</li> <li>1)SIEMENS AKTIENGESELLSCHAFT Address of Applicant :Wittelsbacherplatz 2 80333 M<sup>1</sup>/<sub>4</sub>nchen </li> <li>Germany  (72)Name of Inventor : 1)GR–PPEL Peter 2)HEINL Dieter 3)MEICHSNER Christian 4)RITBERG Igor</li></ul>
Filing Date		4)RITBERG Igor
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The invention firstly exhibits the surprising erosion inhibiting effect of a bimodal nanoparticulate filler. The invention discusses whether the good results as shown in figures 3 to 5 are attributable to a kind of crosslinking of the nanoparticles by agglomeration. In any case it is tellingly shown that admixing a second preferably smaller fraction of a nanoparticulate filler can produce considerable advantages.

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

(21) Application No.1219/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :18/02/2014

(54) Title of the invention : REVOLVING VANE COMPRESSOR

(43) Publication Date : 09/01/2015

(51) International classification	:F04C18/332,F04C2/332	(71)Name of Applicant :
(31) Priority Document No	:2011064656	1)SANDEN INTERNATIONAL (SINGAPORE) PTE LTD
(32) Priority Date	:08/09/2011	Address of Applicant :Sanden House 25 Ang Mo Kio Street 6
(33) Name of priority country	:Singapore	Singapore 569062 Singapore
(86) International Application No	:PCT/SG2012/000320	(72)Name of Inventor :
Filing Date	:05/09/2012	1)WANG Xiaoyong
(87) International Publication No	:WO 2013/036203	2)CHEE Peng Kong
(61) Patent of Addition to Application	:NA	3)CHOO Wei Chong
Number		4)OOI Kim Tiow
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A revolving vane compressor comprising a cylinder rotatable about an axis of rotation; a vane rotatable with the cylinder; a rotor operatively connected to the vane such that rotation of the cylinder causes rotation of the rotor; a drive shaft coaxial with the cylinder and rotatable about the axis of rotation; a front cylinder cover rotatable with the cylinder by the drive shaft comprising at least one fluid inlet positioned circumferentially around the drive shaft and adapted to receive a compressible fluid wherein rotation of the cylinder would urge the compressible fluid through the fluid inlet and into the rotor.

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

(19) INDIA

(22) Date of filing of Application :20/02/2014

(43) Publication Date : 09/01/2015

### (54) Title of the invention : METHODS AND SYSTEM FOR ACTIVATING INTERNATIONAL ROAMING

(57) Abstract :

The present invention generally relates to GSM (Global System for Mobile Communication) networks particularly roaming in GSM networks and more particularly a system (1) and methods (100 200) for enabling outbound roamers in GSM networks for international roaming automatically.

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

(19) INDIA

(22) Date of filing of Application :20/02/2014

(43) Publication Date : 09/01/2015

(51) International classification	:F16D25/12	(71)Name of Applicant :
(31) Priority Document No	:NA	1)TOYOTA JIDOSHA KABUSHIKI KAISHA
(32) Priority Date	:NA	Address of Applicant :1 Toyota cho Toyota shi Aichi 471857
(33) Name of priority country	:NA	Japan
(86) International Application No	:PCT/JP2011/069573	(72)Name of Inventor :
Filing Date	:30/08/2011	1)KIMURA Kenta
(87) International Publication No	:WO 2013/030947	2)HATTORI Yuji
(61) Patent of Addition to Application	:NA	3)INAGAWA Tomokazu
Number	:NA :NA	4)INAGAKI Takafumi
Filing Date	.11/A	5)NAGASATO Yu
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
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#### (54) Title of the invention : SEAL DEVICE FOR HYDRAULIC CIRCUIT

(57) Abstract :

Provided is a seal device for a hydraulic circuit in which an oil passage for the supply or discharge of pressure oil with respect to a hydraulic actuator that operates by virtue of hydraulic oil is formed across at least two members that operate relatively and a seal material that seals the gap between these two members in a liquid tight state is disposed inside a groove part formed in at least one of the two members wherein in the seal device for a hydraulic circuit a communication part is formed to allow the groove part to communicate with one part on the oil passage so that the pressure oil inside the groove moves in accordance with the supply or discharge of pressure oil with respect to a hydraulic actuator.

No. of Pages : 35 No. of Claims : 15

(22) Date of filing of Application :23/01/2014

#### (43) Publication Date : 09/01/2015

#### (54) Title of the invention : COMPOSITE MEMBRANES

(51) International classification	:B01D69/02,B01D69/12,B01D67/00	(71)Name of Applicant : 1)FUJIFILM MANUFACTURING EUROPE BV
(31) Priority Document No	:1112725.5	Address of Applicant :Oudenstaart 1 NL 5047 TK Tilburg
(32) Priority Date	:25/07/2011	Netherlands
(33) Name of priority country:U.K.		(72)Name of Inventor :
(86) International Application No Filing Date	:PCT/GB2012/051570 :05/07/2012	1)VAN ENGELEN Johannes
(87) International Publication	<sup>1</sup> :WO 2013/014420	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A process for making a composite membrane comprising the steps: (i) providing a moving poriferous support (1) impregnated with a curable composition wherein the composition is present in the pores of the support and on a surface of the support; (ii) scraping or squeezing the poriferous support and thereby removing at least some of the curable composition (2) from the surface of the support; and (iii) after performing step (ii) irradiating the support thereby curing the composition present therein. Composite membranes are also claimed having a surface layer thickness of below 0 5 microns.

No. of Pages : 37 No. of Claims : 36

#### (19) INDIA

(22) Date of filing of Application :24/01/2014

#### (43) Publication Date : 09/01/2015

#### (54) Title of the invention : BLADE ARRANGEMENT

(57) Abstract :

The invention relates to a blade arrangement (40) having a blade carrier (56) and having a retaining groove (58) arranged in said blade carrier which retaining groove has projections (62) extending along the side walls (60) thereof so as to form undercuts (64) and into which retaining groove a number of blades (25 27) are inserted so as to form a blade ring of a turbomachine wherein each blade (25 27) has in addition to a blade airfoil (48) and for fastening purposes a blade root (50) which engages into the undercuts (64) and each blade is pressed against the projections (62) by an element (46) arranged between a blade root underside (68) and a groove base (70) of the retaining groove (58). To specify a particularly secure reliable durable and low wear fastening which permits particularly simple assembly and disassembly it is provided that each element (46) is of plate like form and has in the projection of the blade airfoil (48) in the direction of the groove base (70) at least one bead (52 55) arranged beneath the blade airfoil (48) for imparting a pressing action and in the longitudinal direction of the retaining groove (58) only part of the blade root (50) which said element presses against is covered.

No. of Pages : 30 No. of Claims : 13

(21) Application No.496/DELNP/2014 A

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

(43) Publication Date : 09/01/2015

#### (54) Title of the invention : POLYPROPYLENE RESIN BASED FORMULATION

<ul> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application</li> <li>No</li> <li>Filing Date</li> <li>(87) International Publication</li> </ul>	56985 07/2011 nce F/FR2012/051679 07/2012 0 2013/017769	<ul> <li>(71)Name of Applicant :</li> <li>1)MECAPLAST <ul> <li>Address of Applicant :4 6 Bloc C Avenue du Prince Hrditaire</li> </ul> </li> <li>Albert MC 98014 Monaco Monaco</li> <li>(72)Name of Inventor : <ul> <li>1)NABETH Bruno</li> <li>2)SAMSON Nathalie</li> <li>3)CREDOZ Olivier</li> <li>4)GERMAIN Elsa</li> </ul> </li> </ul>
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(57) Abstract :

A polypropylene resin based formulation comprising the following constituents: between 50 and 90 parts by weight of a propylene/ethylene copolymer between 9 and 20 parts by weight of a mixture of mineral fillers comprising 40 to 80% of talc and 20 to 60% of fillers of the group comprising microspheres fibres and microtalcs between 0.1 and 10 parts by weight of a blowing agent wherein the parts by weight of the various constituents of the formulation are chosen such that the sum is 100 parts by weight the formulation having a melt flow rate MFR of between 0 g/10 min and 200 g/10 min and a density before expansion of the blowing agent of between 0.95 g/cm and 1 g/cm.

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

(12) PATENT APPLICATION PUBLICATION (21) Application No.540/DELNP/2014 A (19) INDIA (22) Date of filing of Application :23/01/2014 (43) Publication Date : 09/01/2015 (54) Title of the invention : METHOD AND APPARATUS FOR SURFACE TREATMENT OF MATERIALS UTILIZING MULTIPLE COMBINED ENERGY SOURCES (51) International classification :D06M10/02,D06M10/00 (71)Name of Applicant : (31) Priority Document No **1)MTIX LIMITED** :61/501874 (32) Priority Date Address of Applicant :MTIX Limited Bridge Cottage 1 East :28/06/2011 Gate Honley Huddersfield HD9 6PA U.K. (33) Name of priority country :U.S.A. (86) International Application No (72)Name of Inventor : :PCT/GB2012/051516 Filing Date 1)MISTRY Pravin :28/06/2012 (87) International Publication No :WO 2013/001306 (61) Patent of Addition to Application :NA Number :NA Filing Date

(57) Abstract :

Filing Date

Material treatment is effected in a treatment region (124) by at least two energy sources such as (i) an atmospheric pressure (AP) plasma and (ii) an ultraviolet (UV) laser directed into the plasma and optionally onto the material being treated. Precursor materials (323) may be dispensed before and finishing material (327) may be dispensed after treatment. Electrodes (e1 e2) for generating the plasma may comprise two spaced apart rollers (212/214; 412/414; 436/438). Nip rollers (416/418; 436/438) adjacent the electrode rollers (412/414) define a semi airtight cavity (440) and may have a metallic outer layer (437/439).

No. of Pages : 34 No. of Claims : 31

(62) Divisional to Application Number

:NA

:NA

(22) Date of filing of Application :23/01/2014

(43) Publication Date : 09/01/2015

(51) International classification	:F01N3/20,F01N3/28	(71)Name of Applicant :
(31) Priority Document No	:10 2011 110 664.6	1)EMITEC GESELLSCHAFT FR
(32) Priority Date	:19/08/2011	EMISSIONSTECHNOLOGIE MBH
(33) Name of priority country	:Germany	Address of Applicant : Hauptstrae 128 53797 Lohmar
(86) International Application No	:PCT/EP2012/064294	Germany
Filing Date	:20/07/2012	(72)Name of Inventor :
(87) International Publication No	:WO 2013/026640	1)NAGEL Thomas
(61) Patent of Addition to Application	:NA	2)KURTH Ferdi
Number	:NA	
Filing Date	.1111	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(57) 11 4		ł

# (54) Title of the invention : DEVICE FOR THE TREATMENT OF EXHAUST GASES

(57) Abstract :

The present invention relates to a device (1) for the treatment of exhaust gases which device has at least one first honeycomb body (2) through which the exhaust gas can flow and one second honeycomb body (3) through which the exhaust gas can flow. The first honeycomb body (2) and the second honeycomb body (3) are arranged in series in an exhaust line (4) wherein a first cross sectional area (5) of the first honeycomb body (2) is smaller than a second cross sectional area (6) of the second honeycomb body (3). The first honeycomb body (2) is arranged eccentrically in the exhaust line (4). The teaching according to the invention provides an electrically heatable honeycomb body (2) which can be connected to a multiplicity of supporting honeycomb bodies (3) and which can thus be easily installed in a multiplicity of different vehicle models.

No. of Pages : 25 No. of Claims : 9

(19) INDIA

(22) Date of filing of Application :24/01/2014

(43) Publication Date : 09/01/2015

(54) Title of the invention : REGULATION SYSTEM OF THE HEADLIGHTS IN A TILTING VEHICLE WITH ROLL **MECHANISM** 

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:MI2011A001469 :01/08/2011 :Italy	<ul> <li>(71)Name of Applicant :</li> <li>1)PIAGGIO &amp; C. S.P.A. Address of Applicant :Viale Rinaldo Piaggio 25 I 56025</li> <li>Pontedera PISA Italy</li> <li>(72)Name of Inventor :</li> <li>1)DI TANNA Onorino</li> <li>2)BARTOLOZZI Stefano</li> <li>3)SANTUCCI Mario</li> <li>4)NARDO Lorenzo</li> </ul>
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(57) Abstract :

A regulation system of one or more supports (26 28) of the domes (26 28) of the headlights in a vehicle having a chassis (24) a rear wheel (14) at least one front steering wheel (10 12) and a roll and steering mechanism (16 18; 20 22) operatively connected with the chassis (24) is described. The regulation system comprises articulated connection means between the roll and steering mechanism (16 18; 20 22) and the supports (26 28) for controlling the domes (26 28) of such headlights so that they rotate such to compensate the roll rotation of the vehicle while driving.

No. of Pages : 42 No. of Claims : 20

# (19) INDIA

(22) Date of filing of Application :24/01/2014

(43) Publication Date : 09/01/2015

<ul><li>(51) International classification</li><li>(31) Priority Document No</li></ul>	:H04W72/04 :61/514599	(71)Name of Applicant : 1)TELEFONAKTIEBOLAGET L M ERICSSON (PUBL)
<ul><li>(32) Priority Date</li><li>(33) Name of priority country</li><li>(86) International Application No</li></ul>	:03/08/2011 :U.S.A. :PCT/EP2012/053817	Address of Applicant :S 164 83 Stockholm Sweden (72)Name of Inventor :
(80) International Application No Filing Date (87) International Publication No	:06/03/2012 :WO 2013/017295	1)ERIKSSON Erik 2)HAGERMAN Bo 3)LINDOFF Bengt
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(54) Title of the invention : SCHEDULING APPARATUS AND METHOD FOR A TDD COMMUNICATION SYSTEM

#### (57) Abstract :

The present invention relates to a scheduling apparatus (100) and a method for a cellular Time Division Duplex (TDD) radio communication system (180). The apparatus comprises a storage unit configured for holding a database comprising topographical information concerning a geographical area covered by the communication system. The apparatus also comprises a position unit configured for obtaining information concerning a geographical position held by at least one of a first and a second radio communication device (120;160) of the communication system within said area. The apparatus further comprises a scheduling unit configured for allocating a communication time slot as an uplink time slot or a downlink time slot for radio communication between a first base station (110) and said first device (120) of the communication system. Whether the time slot is allocated as an uplink time slot or a downlink time slot is dependent on said position information and on said topographical information.

No. of Pages : 31 No. of Claims : 21

(19) INDIA

(22) Date of filing of Application :19/02/2014

(43) Publication Date : 09/01/2015

# (54) Title of the invention : APPARATUS FOR THE GENERATION OF AN ENERGY FIELD FOR THE TREATMENT OF CANCER IN BODY CAVITIES AND PARTS THAT ARE CAVITY LIKE

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application <ul> <li>Number</li> <li>Filing Date</li> </ul> </li> </ul>	:21/08/2012 :WO 2013/032792 :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)ACTIUM BIOSYSTEMS LLC Address of Applicant :858 Estes Avenue San Antonio Texas</li> <li>78209 U.S.A.</li> <li>(72)Name of Inventor :</li> <li>1)SUSEDIK Michael E.</li> <li>2)FRANTZ Karl M.</li> <li>3)MCKENNA Daniel B.</li> <li>4)HUISJEN Martin A.</li> <li>5)ADAMS Carolyn P.</li> </ul>
	:NA :NA :NA	

# (57) Abstract :

The Body Cavity Cancer Treatment Apparatus generates the magnetic field for use in a combined Low Temperature Hyperthermia and ionizing radiation and/or chemotherapy cancer treatment protocol. Unlike other competing systems the Body Cavity Cancer Treatment Apparatus does not directly kill or ablate the cancer cells with killing temperatures rather the Body Cavity Cancer Treatment Apparatus stresses the cancer and cancer stem cells by keeping them at a nominal 42° Celsius for some period of time via the heating of nano particles that have been infused into the bladder using the generated magnetic field.

No. of Pages : 60 No. of Claims : 22

(19) INDIA

(22) Date of filing of Application :20/02/2014

(43) Publication Date : 09/01/2015

# (54) Title of the invention : NOVEL YEAST AND METHOD FOR PRODUCING ETHANOL USING SAME

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number <ul> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application Number <ul> <li>Filing Date</li> </ul> </li> </ul>	:2011240158 :01/11/2011 :Japan	<ul> <li>(71)Name of Applicant :</li> <li>1)COSMO OIL CO. LTD. Address of Applicant :1 1 Shibaura 1 chome Minato ku Tokyo 1058528 Japan</li> <li>(72)Name of Inventor :</li> <li>1)NAGASAKI Hiroshi</li> </ul>
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(57) Abstract :

Provided are: a novel yeast having an ability to efficiently produce ethanol from glucose and xylose in a short time in the coexistence of the glucose and the xylose; and a method for producing ethanol using the novel yeast. A yeast, which was designated as Candida intermedia 4-6-4T2 and was deposited as FERM BP-11509.

No. of Pages : 31 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION (19) INDIA

(22) Date of filing of Application :21/01/2014

(43) Publication Date : 09/01/2015

# (54) Title of the invention : COMBUSTION ASSEMBLY HAVING AN INTERNAL COMBUSTION ENGINE AND AN EXHAUST CHANNEL AND METHOD FOR THE EXHAUST TREATMENT OF AN INTERNAL COMBUSTION ENGINE

<ul> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No</li> </ul>	:F01N3/20,F02B33/04,F01N3/32 :10 2011 083 904.6 :30/09/2011 :Germany :PCT/EP2012/065422 :07/08/2012	<ul> <li>(71)Name of Applicant :</li> <li>1)ROBERT BOSCH GMBH Address of Applicant :Postfach 30 02 20 70442 Stuttgart Germany</li> <li>(72)Name of Inventor :</li> <li>1)LOESCH Stefan</li> </ul>
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 :

The invention relates to a combustion assembly having an internal combustion engine (10) and an exhaust system (50) connected to the internal combustion engine (10) and to a method for the exhaust treatment of an internal combustion engine (10) wherein the exhaust system (50) has an exhaust channel (51) for expelling an exhaust of the internal combustion engine (10) and a device for treating the exhaust. The internal combustion engine (10) has a combustion chamber (15) which is limited by a piston (20). The piston (20) borders a crankcase (30) on a side facing away from the combustion chamber (15). The crankcase (30) is configured so that as a consequence of a movement of the piston (20) a gas in particular air is compressed in the crankcase (30). The crankcase (30) is connected to the exhaust system (50) so that the gas compressed in the crankcase (30) is supplied to the exhaust system (50).

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

(12) PATENT APPLICATION PUBLICATION(19) INDIA

(21) Application No.523/DELNP/2014 A

(22) Date of filing of Application :23/01/2014

(43) Publication Date : 09/01/2015

### (54) Title of the invention : FRAGRANCE COMPOUNDS AND COMPOSITIONS

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No</li> <li>Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number</li> </ul>	:PCT/EP2012/067449 :06/09/2012 :WO 2013/034657 :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)GIVAUDAN SA Address of Applicant :Chemin de la Parfumerie 5 CH 1214</li> <li>Vernier Switzerland</li> <li>(72)Name of Inventor :</li> <li>1)GEIGER Marius</li> <li>2)LOVCHIK Martin</li> </ul>
Filing Date	:NA	

(57) Abstract :

Compounds of formula (I) wherein R is methyl or ethyl having floral green odor notes their use as fragrance and perfumed products comprising them.

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

(19) INDIA

(22) Date of filing of Application :24/01/2014

#### (43) Publication Date : 09/01/2015

(54) Title of the invention : OLIGOMERIZATION PROCESS		
<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application</li> <li>No</li> <li>Filing Date</li> <li>(87) International Publication</li> <li>No</li> <li>(61) Patent of Addition to</li> <li>Application Number</li> <li>Filing Date</li> <li>(62) Divisional to Application</li> <li>Number</li> <li>Filing Date</li> </ul>	:C07C2/08,C07C4/06,C07C11/02 :13/243425 :23/09/2011 :U.S.A. :PCT/US2012/052441 :27/08/2012 :WO 2013/043314 :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)UOP LLC Address of Applicant :25 East Algonquin Road P.O. Box 5017 Des Plaines Illinois 60017 5017 U.S.A.</li> <li>(72)Name of Inventor :</li> <li>1)LUEBKE Charles P.</li> <li>2)KRUPA Steven Lee</li> <li>3)MEHLBERG Robert L.</li> </ul>

(57) Abstract :

One exemplary embodiment can be a process for oligomerizing one or more hydrocarbons. The process can include oligomerizing a feed including one or more C C hydrocarbons to produce an effluent and recycling at least a portion of the effluent for oligomerizing. Typically the recycled portion has at least 50% by weight one or more alkenes based on the weight of the recycled portion.

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

(19) INDIA

(22) Date of filing of Application :24/01/2014

#### (43) Publication Date : 09/01/2015

(54) Title of the invention : GLASS FLOAT CHAMBER		
<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number <ul> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application Number <ul> <li>Filing Date</li> </ul> </li> </ul>	:C03B18/16,C03B18/18 :1157075 :02/08/2011 :France :PCT/FR2012/051642 :11/07/2012 :WO 2013/017760 :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)SAINT GOBAIN GLASS FRANCE Address of Applicant :18 Avenue dAlsace F 92400 Courbevoie France</li> <li>(72)Name of Inventor :</li> <li>1)BIGNON Guillaume</li> <li>2)BOUILLET Fabien</li> <li>3)GASSER Stphane</li> </ul>

#### (57) Abstract :

The invention relates to a chamber for floating glass on a bath of molten metal comprising an upstream wall (3) a downstream wall (4) and two lateral walls (1 2) rolls (8) for driving the glass in a direction of travel from upstream to downstream a lateral wall comprising a shoulder (21 22) resulting in a reduction in the width of the chamber in the direction of travel of the glass said shoulder (21 22) starting at a first point (25 25) and terminating at a second point (26 26) of the lateral wall said points being in contact with the surface of the bath of metal the vertical plane (23) passing through these two points (25 26) forming with the vertical plane (24) parallel to the direction of travel of the glass and passing through the first point (25) an angle inside the chamber which is greater than 150°. The geometric features of the shoulder (21 22) reduce the lateral reciprocal motion of the ribbon emerging from the chamber.

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

(19) INDIA

(22) Date of filing of Application :23/01/2014

(43) Publication Date : 09/01/2015

(54) Title of the invention : IMPROVED AQUEOUS COMPOSITIONS FOR WHITENING AND SHADING IN COATING APPLICATIONS

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application <ul> <li>Number</li> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application Number <ul> <li>Filing Date</li> </ul> </li> </ul>	:C09B67/00,D21H21/30 :11006601.6 :11/08/2011 :EPO :PCT/EP2012/003348 :04/08/2012 :WO 2013/020693 :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)CLARIANT INTERNATIONAL LTD Address of Applicant :Rothausstrasse 61 4132 Muttenz Switzerland</li> <li>(72)Name of Inventor :</li> <li>1)KLEIN Cedric</li> <li>2)REVEAUD Frederic</li> <li>3)ATKINSON David</li> <li>4)JACKSON Andrew Clive</li> </ul>
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#### (57) Abstract :

The instant invention relates to the Aqueous coating compositions for optical brightening and shading of substrates comprising (a) at least one optical brightener of formula (I) in which the anionic charge on the brightener is balanced by a cationic charge composed of one or more identical or different cations selected from the group consisting of hydrogen an alkali metal cation alkaline earth metal ammonium ammonium which is mono di tri or tetrasubstituted by a C C linear or branched alkyl radical ammonium which is mono di tri or tetrasubstituted by a C C linear or branched hydroxyalkyl radical ammonium which is di tri or tetrasubstituted by a mixture of C C linear or branched alkylradical and linear or branched hydroxyalkyl radical or mixtures of said compounds R1 and R1 may be the same or different and each is hydrogen C C linear or branched alkyl C C linear or branched hydroxyalkyl CHCO CHCHCONH or CHCHCN R and R may be the same or different and each is C C linear or branched alkyl C C linear or branched hydroxyalkyl CHCO CH(C0)CHCO CH(C0)CHCHCO CHCHSO CHCHCO CHCH(CH)CO benzyl or R and R and/or Rand R together with the neighboring nitrogen atom signify a morpholine ring and p is 1 or 2 at least one shading dye of formula (II) signifies H methyl or ethyl signifies paramethoxyphenyl methyl or ethyl signifies a cation selected from the group consisting of hydrogen an alkali metal cation alkaline earth metal ammonium ammonium which is mono di tri or tetrasubstituted by a C C linear or branched alkyl radical ammonium which is mono di tri or tetrasubstituted by a C C linear or branched hydroxyalkyi radical ammonium which is di tri or tetrasubstituted by a mixture of C C linear or branched alkylradical and linear or branched hydroxyalkyi radical or mixtures of said compounds (c) at least one white pigment (d) at least one primary binder (e) optionally one or more secondary binders and and (f) water.

No. of Pages : 39 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION	
(19) INDIA	

(22) Date of filing of Application :24/01/2014

(43) Publication Date : 09/01/2015

# (54) Title of the invention : COOLING FOR A FLUID FLOW MACHINE

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application</li> <li>No</li> <li>Filing Date</li> <li>(87) International Publication</li> <li>No</li> <li>(61) Patent of Addition to</li> <li>Application Number</li> <li>Filing Date</li> <li>(62) Divisional to Application</li> <li>Number</li> <li>Filing Date</li> </ul>	:PCT/EP2012/065103 :02/08/2012 :WO 2013/029911 :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)SIEMENS AKTIENGESELLSCHAFT Address of Applicant :Wittelsbacherplatz 2 80333 M<sup>1</sup>/<sub>4</sub>nchen Germany</li> <li>(72)Name of Inventor :</li> <li>1)K,,STNER Christoph</li> <li>2)P-TTER Rudolf</li> </ul>
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(57) Abstract :

The invention relates to a fluid flow machine in particular a steam turbine (1) having a piston equalizing line (13) which conducts a vapour from a fresh vapour region of a second flow duct (9) to a thrust equalizing piston (12) wherein the surface of the piston equalizing line is enlarged and wherein the inner surface of the piston equalizing line (13) is enlarged.

No. of Pages : 13 No. of Claims : 8

(19) INDIA

(22) Date of filing of Application :24/01/2014

(43) Publication Date : 09/01/2015

(51) International classification	:F17C3/02	(71)Name of Applicant :
(31) Priority Document No	:1157036	1)GAZTRANSPORT ET TECHNIGAZ
(32) Priority Date	:01/08/2011	Address of Applicant :1 route de Versailles F 78470 Saint
(33) Name of priority country	:France	Remy Les Chevreuse France
(86) International Application No	:PCT/FR2012/051725	(72)Name of Inventor :
Filing Date	:20/07/2012	1)JEAN Pierre
(87) International Publication No	:WO 2013/017773	2)GUELTON Bruno
(61) Patent of Addition to Application	:NA	3)HERRY Micka«l
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(57) Albertra et :		1

# (54) Title of the invention : INSULATING BLOCK FOR MANUFACTURING A TANK WALL

(57) Abstract :

Insulating block (20) for manufacturing a sealed and insulated tank wall the insulating block comprising a bottom panel (8) a cover panel (7) and a plurality of elongate spacer structures (1 12) located between the panels the spacer structure in each instance comprising a lower plate (5) an upper plate (3) and a row of pillars positioned between the lower plate and the upper plate and fixed to the lower plate and to the upper plate the lower plate and the upper plate being kept spaced apart and parallel to one another by the row of pillars the spacer structures being positioned parallel to one another with the lower plate fixed against the bottom panel and the upper plate fixed against the cover panel an insulating packing (11) being placed between the panels to fill the spaces between the pillars of a spacer structure and the spaces between the respective spacer structures.

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

(12) PATENT APPLICATION PUBLICATION(19) INDIA

(22) Date of filing of Application :19/02/2014

(43) Publication Date : 09/01/2015

(54) Title of the invention : ADENINE DERIVATIVES HAVING IMMUNOMODULATING ANTI- INFLAMMATORY AND ANALGESIC ACTIVITY

(51) International classification	:A61K31/7076,A61P29/00	(71)Name of Applicant :
(31) Priority Document No	:TO2011A000652	1)MEDESTEA RESEARCH & PRODUCTION S.P.A.
(32) Priority Date	:20/07/2011	Address of Applicant : Via Ribes 5 I 10010 Colleretto Giacosa
(33) Name of priority country	:Italy	(Torino) Italy
(86) International Application No	:PCT/IB2012/053706	(72)Name of Inventor :
Filing Date	:20/07/2012	1)MERIZZI Giulia Federica
(87) International Publication No	:WO 2013/011489	2)GRASSI Fabio
(61) Patent of Addition to Application	:NA	3)SOLETI Antonio
Number	:NA	
Filing Date	.1174	
(62) Divisional to Application Number	r :NA	
Filing Date	:NA	

#### (57) Abstract :

The compound 2 [l-(6-aminopurin-9-yl)-2- oxoethoxy]prop-2-enal of formula (I) its monohydrate of formula (II) or its corresponding cyclic monohydrate of formula (III) in which the stereochemical chiral centre indicated with an asterisk can be R (Rectus) S (Sinister) or racemic including the tautomers of the adenine ring and the pharmaceutically acceptable salts for use in the treatment of inflammatory disorders or of pain disorders.

No. of Pages : 61 No. of Claims : 13

(19) INDIA

(22) Date of filing of Application :04/07/2013

(43) Publication Date : 09/01/2015

# (54) Title of the invention : AN EXHAUST SYSTEM FOR A SADDLE-RIDE TYPE VEHICLE

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> </ul>	:B62K5/00 :NA :NA :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)HONDA MOTOR CO., LTD. Address of Applicant :1-1, MINAMIAOYAMA 2-CHOME, MINATO-KU, TOKYO, JAPAN</li> <li>(72)Name of Inventor :</li> <li>1)YOSHIO NAKAGOMI</li> <li>2)MOHIT BENIWAL</li> </ul>
<ul> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:NA :NA :NA :NA	3)NIKHIL SHARMA

(57) Abstract :

To improve sense of unity in the rear view of a saddle-ride type vehicle, between laterally and obliquely arranged exhaust muffler and body of the saddle-ride type vehicle, a bulge with raised up ridge lines is provided on the rear outer surface of the exhaust muffler. The angle of inclination of ridge lines to the vertical is less than the inclination angle of the exhaust muffler to the vertical.

No. of Pages : 32 No. of Claims : 7

# (19) INDIA

(22) Date of filing of Application :23/01/2014

#### (43) Publication Date : 09/01/2015

(54) Title of the invention : POLYMER E	BLEND MEMBRANES	
<ul> <li>(54) The of the invention : POLYMER F</li> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No</li> <li>Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number</li> <li>Filing Date</li> <li>(62) Divisional to Application Number</li> <li>Filing Date</li> </ul>	:B29C65/00 :61/515446 :05/08/2011 :U.S.A. :PCT/US2012/049091 :01/08/2012 :WO 2013/022660 :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)ARKEMA INC.</li> <li>Address of Applicant :900 First Avenue King of Prussia PA</li> <li>19406 U.S.A.</li> <li>(72)Name of Inventor :</li> <li>1)KOSAR Walter</li> </ul>

(57) Abstract :

The Invention relates to a membrane formed from a blend of high molecular weight polyvinylidene fluoride (PVDF) (>580 000 Mw) with low molecular weight PVDF (<580 000 Mw). Porous membranes of average pore size from 5 nm to 100 microns made from the blend show improved water permeability compared to membranes formed from a single Mw PVDF.

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

(12) PATENT APPLICATION PUBLICATION (19) INDIA		(21) Application No.564/DELNP/2014 A
( )		
(22) Date of filing of Application $:23/01/2$	014	(43) Publication Date : 09/01/2015
(54) Title of the invention : CONFLICT R RETESTING PROCEDURES FOR AUTO		REMENTAL REPRESENTATION AND LAB CHANCE RATIONS
<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application <ul> <li>Number</li> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application Number <ul> <li>Filing Date</li> </ul> </li> </ul>	:G06F19/00 :61/511473 :25/07/2011 :U.S.A. :PCT/US2012/048151 :25/07/2012 :WO 2013/016429 :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)BECKMAN COULTER INC. Address of Applicant :250 S. Kraemer Boulevard Brea CA</li> <li>92821 U.S.A.</li> <li>(72)Name of Inventor :</li> <li>1)ASHLEY John M.</li> <li>2)PARKHURST Jason M.</li> <li>3)PAYNE Kathleen M.</li> </ul>

(57) Abstract :

A method of processing a clinical test result includes applying a first rule to the clinical test result to generate a first suggested action. A second rule is also applied to the clinical test result to generate a second suggested action which may be associated with a weighted factor. Thereafter the method includes automatically performing the second suggested action based at least in part on the weighted factor.

No. of Pages : 27 No. of Claims : 19

(21) Application No.584/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :24/01/2014

(43) Publication Date : 09/01/2015

(54) Title of the invention : FLUID CATA	ALYTIC CRACKING PR	OCESS
<ul> <li>(54) Title of the invention : FLUID CA12</li> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No <ul> <li>Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> </ul> </li> <li>Number <ul> <li>Filing Date</li> <li>(62) Divisional to Application Number</li> </ul> </li> </ul>	:C10G11/18,B01J8/18 :13/247413 :28/09/2011 :U.S.A.	<ul> <li>(71)Name of Applicant : <ol> <li>UOP LLC</li> <li>Address of Applicant :25 East Algonquin Road P. O. Box</li> <li>Des Plaines Illinois 60017 5017 U.S.A.</li> </ol> </li> <li>(72)Name of Inventor : <ol> <li>MEHLBERG Robert L.</li> </ol> </li> </ul>
Filing Date	:NA	

(57) Abstract :

One exemplary embodiment can be a process for fluid catalytic cracking. The process may include providing a first feed having a boiling point of 180° to 800°C to a first riser reactor and providing a second feed having first and second parts to a second reactor. Typically the first part includes one or more C Chydrocarbons and a second part includes one or more C C hydrocarbons. Generally an effective amount of the second part is combined with the first part to maximize production of propene.

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

(12) PATENT APPLICATION PUBLICATION(19) INDIA

(21) Application No.602/DELNP/2014 A

(22) Date of filing of Application :25/01/2014

(43) Publication Date : 09/01/2015

# (54) Title of the invention : METHOD FOR A TEMPERATURE COMPENSATION IN A STEAM TURBINE

(57) Abstract :

The invention relates to a steam turbine (1) comprising an inner housing (3) and an outer housing (2). An intermediate space (6) is formed between the inner housing (3) and the outer housing (2) and cold seal steam is fed into said intermediate space (6) in order to prevent the outer housing (2) from bowing.

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

(19) INDIA

(22) Date of filing of Application :27/01/2014

#### (43) Publication Date : 09/01/2015

(54) Title of the invention : INSTRUME	NT GUIDE	
<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application <ul> <li>Number</li> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application Number <ul> <li>Filing Date</li> </ul> </li> </ul>	:A61B17/17,A61B17/16 :61/513320 :29/07/2011 :U.S.A. :PCT/US2012/048650 :27/07/2012 :WO 2013/019660 :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant : <ol> <li>SMITH &amp; NEPHEW INC.</li> <li>Address of Applicant :1450 Brooks Road Memphis TN 38116</li> <li>U.S.A.</li> </ol> </li> <li>(72)Name of Inventor : <ol> <li>BOURQUE Bernard Joseph</li> <li>FERRAGAMO Michael Charles</li> <li>REYNOLDS Stephen Bernard</li> </ol> </li> </ul>

#### (57) Abstract :

A guide for a flexible member includes a stationary member an articulating member and an actuating member. The articulating member defines a first lumen. The stationary member the articulating member and the actuating member are coupled to one another by one or more arcuate grooves or flanges such that the articulating member pivots relative to the stationary member when the actuating member is moved relative to the stationary member. The stationary member and the actuating member form a second lumen arranged to accommodate the flexible member coextensively in the first lumen and the second lumen.

No. of Pages : 32 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION (19) INDIA

(22) Date of filing of Application :20/02/2014

(43) Publication Date : 09/01/2015

# (54) Title of the invention : ENGINE STARTUP CONTROL DEVICE FOR HYBRID VEHICLE

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application</li> <li>No</li> <li>Filing Date</li> <li>(87) International Publication</li> <li>No</li> <li>(61) Patent of Addition to</li> <li>Application Number</li> <li>Filing Date</li> <li>(62) Divisional to Application</li> </ul>	n :B60W10/06,B60K6/48,B60K6/54 :NA :NA :NA :PCT/JP2011/069793 :31/08/2011 :WO 2013/030985 :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)TOYOTA JIDOSHA KABUSHIKI KAISHA Address of Applicant :1 Toyota cho Toyota shi Aichi 4718571 Japan</li> <li>(72)Name of Inventor :</li> <li>1)KOJIMA Susumu</li> <li>2)NAKANISHI Naoki</li> <li>3)IDESHIO Yukihiko</li> </ul>
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

In a hybrid vehicle at the time of starting up by employing ignition startup a direct injection engine (12) in which one of the cylinders is at rest near the top dead center thereof: the engine rotation speed (NE) is raised by directly injecting a fuel into a first cylinder (K1) which is located before a second cylinder (K2) in the order of ignition and is in the expansion stroke and in which the exhaust valve is not open and igniting the fuel to cause a first explosion in the first cylinder (K1); and in a maximum period (L) immediately after the engine rotation speed (NE) has started to increase assistance to the increase of the engine rotation speed (NE) is started by transmitting an assist torque which is output from a motor generator (MG) to the direct injection engine (12) via a K0 clutch (34). In this way the direct injection engine (12) at rest can be started up by using a necessary and sufficient assist torque i.e. electric energy and thus electric energy for engine startup to be stored in a battery (power storage device) (44) at all times is reduced. Thus the EV drive range is expanded and the fuel economy of the vehicle is suitably improved.

No. of Pages : 41 No. of Claims : 8

# (12) PATENT APPLICATION PUBLICATION(19) INDIA

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

(43) Publication Date : 09/01/2015

# (54) Title of the invention : CALIBRATION AND TESTING DEVICE FOR AN ACTIVE ANTENNA PARTICULARLY A NOSE CONE ANTENNA OF AN AIRBORNE RADAR

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority</li> <li>country</li> <li>(86) International</li> <li>Application No <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication</li> <li>No</li> <li>(61) Patent of Addition to</li> <li>Application Number <ul> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to</li> <li>Application Number <ul> <li>Filing Date</li> </ul> </li> </ul>	:G01R29/08,G01R31/00,H01Q17/00 :1102291 :22/07/2011 :France :PCT/EP2012/064231 :19/07/2012 :WO 2013/014065 :NA :NA :NA	<ul> <li>(71)Name of Applicant : <ol> <li>THALES</li> <li>Address of Applicant :45 rue de Villiers F 92200 Neuilly Sur Seine France</li> </ol> </li> <li>(72)Name of Inventor : <ol> <li>ESTEBE Eric</li> <li>LEVY Pierre</li> <li>BOUEDO Alain</li> </ol> </li> </ul>
(57) Abstract :		

(57) Abstract :

The device according to the invention mainly comprises a test chamber (11) defining a cavity (13) forming an anechoic chamber as well as least one test probe (31) placed inside the cavity (13). The cavity comprises an opening against which the radiating surface (14) of the antenna (19) is positioned. The device also comprises means (71 72) for generating a microwave test signal and for receiving a microwave signal transmitted by the antenna being tested and measuring the amplitude and phase thereof relative to a reference. Depending on the depth D of the cavity (13) and the size of the radiation diagram of a test probe the device comprises one or more test probes (31 41 42) placed in fixed positions in the cavity (13) or a movable probe (51) which can be positioned at different locations in the cavity the probe(s) being configured and arranged such that the entire active surface (14) of the antenna can be irradiated and such that the radiation diagram of each radiation element irradiates at least one test probe.

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

(21) Application No.535/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :23/01/2014

(43) Publication Date : 09/01/2015

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8

# (54) Title of the invention : CLOSING OF FLOW THROUGH CATHETER

(57) Abstract :

An assembly comprising a catheter package (1) a catheter (7) and a collecting bag (3) is provided. The assembly has means for preventing flow of liquid through the catheter during storage. A sealing element (11) closing the eyelets is provided. An extended cone lock (23) in a telescopic catheter is also provided.

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

(19) INDIA

(22) Date of filing of Application :27/01/2014

(43) Publication Date : 09/01/2015

(51) International classification	:B60S1/40,B60S1/38	(71)Name of Applicant :
(31) Priority Document No	:1156876	1)VALEO SYST <sup>MES</sup> DESSUYAGE
(32) Priority Date	:27/07/2011	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/EP2012/003216	(72)Name of Inventor :
Filing Date	:27/07/2012	1)BOUSSET Xavier
(87) International Publication No	:WO 2013/013835	2)GRASSO Giuseppe
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.117	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		1

# (54) Title of the invention : WINDSCREEN WIPER ADAPTER WITH SAFETY POSITION

(57) Abstract :

The invention relates to an adapter (9) for connecting a windscreen wiper blade (1) to a drive arm (3) of a wiper system said adapter (9) being configured to be connected to a connector (8) with a degree of freedom in pivoting about an axis of articulation said connector (8) being fixed to the blade (1) said adapter (9) comprising means for keeping in a nominal position of immobilization on the arm said adapter (9) being configured to be immobilized in a direction known as the direction of retraction situated in a plane perpendicular to the axis of articulation in a safety position should said retaining means (20) fail. According to the invention the adapter (9) is configured to be guided by the arm (3) in a translational movement in said direction of retraction from said nominal position to said safety position and/or to have a direction of deliberate disengagement from the arm starting from a position located between the two nominal and safety positions. The invention also relates to an attachment device and to a wiper system comprising such an adapter.

No. of Pages : 25 No. of Claims : 15

# (12) PATENT APPLICATION PUBLICATION(19) INDIA

(22) Date of filing of Application :20/02/2014

(43) Publication Date : 09/01/2015

(54) Title of the invention : RADIO FREQUENCY TRANSMITTER SUCH AS FOR BROADCASTING AND CELLULAR BASE STATIONS

(31) Priority Document No	:H03F1/32,H03F3/189,H03F3/20 :13/228073	1)ALCATEL LUCENT
<ul><li>(32) Priority Date</li><li>(33) Name of priority country</li></ul>	:08/09/2011 :U.S.A.	Address of Applicant :3 avenue Octave Grard 75007 Paris France
(86) International Application No Filing Date	:PCT/CA2012/050558 :16/08/2012	(72)Name of Inventor : 1)ACIMOVIC Igor
(87) International Publication No.	o:WO 2013/033836	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A transmitter that uses a digital pre distortion (DPD) circuit to mitigate the effects of nonlinearity of a multistage or multi branch power amplifier. The DPD circuit relies on two or more feedback signals received from an RF output circuit of the transmitter to generate individually pre distorted signals for the individual stages/branches of the power amplifier. The use of these individually pre distorted signals advantageously enables the transmitter to achieve a more efficient suppression of inter modulation distortion products than that typically achieved with a comparable prior art transmitter.

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

# (12) PATENT APPLICATION PUBLICATION(19) INDIA

(22) Date of filing of Application :05/07/2013

(43) Publication Date : 09/01/2015

# (54) Title of the invention : NOVEL FIBRIN NANOPARTICLES USEFUL FOR TISSUE ENGINEERING AND DRUG DELIVERY APPLICATIONS AND A PROCESS FOR THE PREPARATION THEREOF

(51) International classification	:A61L27/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)COUNCIL OF SCIENTIFIC & INDUSTRIAL
(32) Priority Date	:NA	RESEARCH
(33) Name of priority country	:NA	Address of Applicant : ANUSANDHAN BHAWAN, RAFI
(86) International Application No	:NA	MARG NEW DELHI-110001, INDIA Delhi India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)SATHYARAJ WESLEN VEDAKUMARI
(61) Patent of Addition to Application Number	:NA	2)THOTAPALLI PARVATHALESWARA SASTRY
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to novel ultrafine fibrin nanoparticles useful for tissue engineering and drug delivery applications and a process for the preparation thereof. The obtained nanoparticles are spherical in shape with size ranging from 20-50nm and with the percentage yield of about 90%, are stable and bio-compatible. Further, the size, yield, biocompatibility and stability are unique properties of the prepared fibrin nanoparticles. Reduction of pH to 5.5 imparts uniqueness to the process involved in the preparation of fibrin nanoparticles. Costly chemicals such as fibrinogen, thrombin and oil-emulsion were not used during the process. Also, no cross-linking agents or cryoprotectants were used during the process.

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

(19) INDIA

(22) Date of filing of Application :23/01/2014

#### (43) Publication Date : 09/01/2015

(54) Title of the invention : A FAN ASSEMBLY		
<ul> <li>(54) Title of the invention : A FA</li> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> </ul>	:F24F1/01,F24F6/14,F24F13/26 :1112911.1 :27/07/2011 :U.K. :PCT/GB2012/051489 :26/06/2012	<ul> <li>(71)Name of Applicant :</li> <li>1)DYSON TECHNOLOGY LIMITED Address of Applicant :Tetbury Hill Malmesbury Wiltshire SN16 0RP U.K.</li> <li>(72)Name of Inventor :</li> <li>1)STANIFORTH Mark</li> <li>2)PULLEN Jude</li> </ul>
<ul><li>(87) International Publication No</li><li>(61) Patent of Addition to</li><li>Application Number</li></ul>	:WO 2013/014418 :NA	
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A fan assembly includes a nozzle and a base on which the nozzle is mounted. The nozzle has a first air inlet a first air outlet and a first interior passage for conveying air from the first air inlet to the first air outlet. The nozzle also includes a second air inlet a plurality of second air outlets and a second interior passage for conveying air from the second air inlet to the second air outlets. The nozzle defines a bore about which the interior passages extend and through which air from outside the fan assembly is drawn by air emitted from the air outlets. The body includes a motor and impeller unit for generating a first air flow through the first air inlet and a second air passage and a second air flow through the second interior passage. A first air passageway conveys the first air flow to the first air inlet and a second air passageway conveys the second air flow to the second air flow the nozzle.

No. of Pages : 33 No. of Claims : 16

(19) INDIA

(22) Date of filing of Application :27/01/2014

#### (43) Publication Date : 09/01/2015

(51) International classification	:F02M59/46	(71)Name of Applicant :
(31) Priority Document No	:NA	1)TOYOTA JIDOSHA KABUSHIKI KAISHA
(32) Priority Date	:NA	Address of Applicant :1 Toyota cho Toyota shi Aichi 471857
(33) Name of priority country	:NA	Japan
(86) International Application No	:PCT/JP2011/067601	(72)Name of Inventor :
Filing Date	:01/08/2011	1)ASAYAMA Kazuhiro
(87) International Publication No	:WO 2013/018186	2)USUI Takashi
(61) Patent of Addition to Application	:NA	
Number	:NA :NA	
Filing Date	.INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (54) Title of the invention : FUEL INJECTION PUMP

#### (57) Abstract :

This fuel injection pump is a fuel injection pump for pressurizing fuel which is sucked in a low pressure state and discharging the pressurized fuel. The fuel injection pump comprises a pump housing provided with: a valve holder which has disposed therein a suction valve a discharge valve and a relief valve and which has a pump chamber formed between the suction valve and the discharge valve; and a plunger which pressurizes or depressurizes the pump chamber. The relief valve is provided on the downstream side of the discharge valve and is configured as the valve for returning the fuel further toward the upstream side than the discharge valve. The portion of a flow path which is on the upstream side of the discharge valve and a flow path which extends from the downstream side of the discharge valve to the upstream side of the relief valve are separated within the valve holder and are formed within the same space. The present invention can reduce the number of parts of the fuel injection pump and can reduce cost.

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

(19) INDIA

(22) Date of filing of Application :24/01/2014

(43) Publication Date : 09/01/2015

# (54) Title of the invention : COMPOSITION CONTAINING ISOSORBIDE MONOESTER AND ISOSORBIDE DIESTER

(51) International classification	:A01N43/90,A01P1/00	(71)Name of Applicant :
(31) Priority Document No	:10 2011 109 498.2	1)CLARIANT INTERNATIONAL LTD
(32) Priority Date	:04/08/2011	Address of Applicant :Rothausstrasse 61 CH 4132 Muttenz
(33) Name of priority country	:Germany	Switzerland
(86) International Application No	:PCT/EP2012/003250	(72)Name of Inventor :
Filing Date	:31/07/2012	1)PILZ Maurice Frederic
(87) International Publication No	:WO 2013/017261	2)KLUG Peter
(61) Patent of Addition to Application	:NA	3)SCHERL Franz Xaver
Number		4)GROHMANN Joerg
Filing Date	:NA	-)
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		•

(57) Abstract :

The invention relates to compositions containing one or more compounds of the formula (I) and one or more compounds of the formula (II) in which R R and R are each independently of one another a linear or branched saturated alkyl group with 5 to 11 carbon atoms or a linear or branched mono or polyunsaturated alkylene group with 5 to 11 carbon atoms. The compositions are characterized in that the total quantity of the compounds of the formulas (I) and (II) is at least 60 wt.% based on the total weight of the compositions are advantageously suitable for producing cosmetic dermatological or pharmaceutical compositions plant protection formulations detergents cleaning agents coloring agents or paints.

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

(21) Application No.586/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :24/01/2014

(43) Publication Date : 09/01/2015

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> </ul>	:G06F19/00,G01B21/20 :61/513451 :29/07/2011 :U.S.A. :PCT/US2012/048522 :27/07/2012 :WO 2013/019609	<ul> <li>(71)Name of Applicant :</li> <li>1)HEXAGON METROLOGY INC. Address of Applicant :250 Circuit Drive North Kingstown RI 02852 U.S.A.</li> <li>(72)Name of Inventor :</li> <li>1)OHARE Jonathan J.</li> </ul>
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

# (54) Title of the invention : COORDINATE MEASURING SYSTEM DATA REDUCTION

(57) Abstract :

Coordinate measurement data such as point cloud data associated with coordinate measurement machine data is reduced in a strategic and systematic manner by segmenting and/or reducing data based on nominal geometric information contained in an electronic file such as a CAD model or a coordinate measurement machine inspection plan. For example in one embodiment a software application is used to identify geometric features and tolerances within a CAD model of an object and to segment coordinate measurement data of a physical object based on the identified geometric features and tolerances from the CAD model. The various segments of coordinate measurement data requirements and the data may be reduced in different manners on a feature by feature basis.

No. of Pages : 34 No. of Claims : 45

(19) INDIA

(22) Date of filing of Application :27/01/2014

(43) Publication Date : 09/01/2015

# (54) Title of the invention : BINDER MIXTURE FOR PRODUCING MOULDED PARTS USING INJECTION METHODS

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication</li> </ul>		<ul> <li>(71)Name of Applicant :</li> <li>1)GKN SINTER METALS HOLDING GMBH Address of Applicant :Krebsge 10 42477 Radevormwald Germany</li> <li>(72)Name of Inventor :</li> <li>1)KRUZHANOV Vladislav</li> <li>2)DE CRISTOFARO Nicola</li> </ul>
No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The aim of the invention is to provide a binder mixture by which means the application range more particularly of the PIM method is expanded in terms of the moulded parts thereby produced. To this end such a mixture is provided comprising at least one polymer compound A selected from a group comprising polyolefins in a quantity in a range of approximately 10 wt. % to approximately 60 wt. % of the total quantity of binder mixture with a first softening range and a first melt viscosity; at least one polymer compound B in a quantity of approximately 10 wt. % to approximately 65 wt. % of the total quantity of binder mixture. The first softening range of compound A and the second softening range of compound B are between approximately 80°C and approximately 200°C; the second melt viscosity of compound B is approximately 2 times to 100 times higher than the first melt viscosity of compound A; and compound B and compound C can be dissolved in a solvent selected from a group comprising acetone xylene turpentine tetrahydrofuran and/or ethyl acetate within a temperature range of between approximately 20°C.

No. of Pages : 14 No. of Claims : 11

(19) INDIA

(22) Date of filing of Application :28/01/2014

(43) Publication Date : 09/01/2015

# (54) Title of the invention : CATHETER ACTIVATION BY HANDLE REMOVAL

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number <ul> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application Number <ul> <li>Filing Date</li> </ul> </li> </ul>	:A61M25/00,A61F5/44 :PA 2011 70471 :29/08/2011 :Denmark :PCT/DK2012/050312 :28/08/2012 :WO 2013/029620 :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)COLOPLAST A/S <ul> <li>Address of Applicant :Holtedam 1 DK 3050 Humlebaek</li> </ul> </li> <li>Denmark </li> <li>(72)Name of Inventor : <ul> <li>1)MATTHIASSEN Benny</li> <li>2)LORENTSEN Bo Kjir Vigant</li> <li>3)HARALDSTED Helle</li> <li>4)GLIBBERY Stephen</li> </ul> </li> </ul>
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(57) Abstract :

The invention relates to a catheter kit comprising a catheter and a urine bag stored in a package wherein flow is prevented between the catheter and urine bag when stored but enabled when the kit is used.

No. of Pages : 21 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION (19) INDIA

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

(43) Publication Date : 09/01/2015

#### (54) Title of the invention : METHOD FOR MEASURING ANTI WT1 ANTIBODY

<ul><li>(51) International</li><li>classification</li><li>(31) Priority Document No</li><li>(32) Priority Date</li></ul>	:G01N33/53,C07K14/82,C12N15/09 :2011200620 :14/09/2011	<ul> <li>(71)Name of Applicant :</li> <li>1)INTERNATIONAL INSTITUTE OF CANCER</li> <li>IMMUNOLOGY INC.</li> <li>Address of Applicant :13 9 Enoki cho Suita shi Osaka</li> </ul>
(33) Name of priority country	:Japan	<ul> <li>5640053 Japan</li> <li>2)OTSUKA PHARMACEUTICAL CO. LTD.</li> </ul>
(86) International Application No Filing Date	:PCT/JP2012/073512 :13/09/2012	<ul><li>(72)Name of Inventor :</li><li>1)SUGIYAMA Haruo</li><li>2)OJI Yusuke</li></ul>
(87) International Publication No	<sup>1</sup> :WO 2013/039166	3)KATSURAGI Kiyonori 4)TANAKA Hideaki
(61) Patent of Addition to Application Number Filing Date	:NA :NA	5)SOGO Shinji 6)GOTO Yoshihiro 7)OHMOTO Yasukazu
(62) Divisional to Application Number Filing Date	:NA :NA	8)IWATA Husako

#### (57) Abstract :

Provided is an invention relating to a method for measuring anti WT1 antibodies in a sample according to which the anti WT1 antibodies can be measured and evaluated more accurately; and to use of the method. A method for measuring anti WT1 antibodies in a sample characterized in using: a polypeptide having antigen properties against anti WT1 antibodies selected from a polypeptide comprising an amino acid sequence of positions 294 449 in SEQ ID NO: 1 a partial polypeptide of said polypeptide and a polypeptide comprising an amino acid sequence in which one or several amino acids are removed replaced or added with respect to the amino acid sequence of positions 181 324 in SEQ ID NO: 1 a partial polypeptide of said polypeptide of said polypeptide and a polypeptide comprising an amino acid sequence of positions 181 324 in SEQ ID NO: 1 a partial polypeptide of said polypeptide of said polypeptide and a polypeptide comprising an amino acid sequence in which one or several amino acid sequence in which one or several amino acids are removed replaced or added with respect to the amino acid sequence of positions 181 324 in SEQ ID NO: 1 a partial polypeptide of said polypeptide and a polypeptide comprising an amino acid sequence in which one or several amino acids are removed replaced or added with respect to the amino acid sequence constituting the above polypeptides.

No. of Pages : 67 No. of Claims : 9

(19) INDIA(22) Date of filing of Application :27/01/2014

#### (43) Publication Date : 09/01/2015

#### (54) Title of the invention : ELECTRICAL CONTACT COATING

<ul> <li>classification</li> <li>(31) Priority Document No :10 2011 078 546.9</li> <li>(32) Priority Date :01/07/2011</li> <li>(33) Name of priority country :Germany</li> <li>(86) International Application :PCT/EP2012/061999</li> <li>No :21/06/2012</li> <li>(87) International Publication :WO 2013/004515</li> <li>(61) Patent of Addition to Filing Date :NA</li> <li>(62) Divisional to Einer :NA</li> </ul>	m
Application Number Filing Date :NA	

(57) Abstract :

The invention relates to an electrical contact coating (10) for an electrically conductive substrate (20) preferably a substrate (20) made of copper a copper based alloy or a copper plated substrate (20) in particular for a high temperature application in an electric or hybrid motor vehicle with a layered arrangement (10) which can be applied to the substrate (20) and which has two layers (110 130) the one layer (110) comprising a transition metal and the other layer (130) a noble metal with an intermediate layer (120) being provided between the two layers (110 130) of the layered arrangement (10) which intermediate layer comprises copper and one of the two layers (110 130). Further the invention relates to an electrical or electromechanical contact element (2) for a high temperature application in particular for the high voltage or automotive sector; to an electrical electronic and/or electro optical connector (1) in particular a plug in connector (1) or a connection means (1) for high temperature applications in particular in the high voltage and/or high current sector; and to the use of copper or a layer comprising copper for a coating (10) in particular an electrical contact coating (10) preferably for high temperature applications.

No. of Pages : 14 No. of Claims : 11

# (19) INDIA

(22) Date of filing of Application :28/01/2014

#### (43) Publication Date : 09/01/2015

(54) Title of the invention : WAVEFRONT SENSOR DEVICE		
<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> </ul>	:13/08/2012	<ul> <li>(71)Name of Applicant :</li> <li>1)BAE SYSTEMS PLC Address of Applicant :6 Carlton Gardens London SW1Y 5AD U.K.</li> <li>(72)Name of Inventor :</li> <li>1)LAYCOCK Leslie Charles</li> </ul>
<ul> <li>(61) Patent of Addition to</li> <li>Application Number</li> <li>Filing Date</li> <li>(62) Divisional to Application</li> <li>Number</li> <li>Filing Date</li> </ul>	:NA :NA :NA :NA	

#### (57) Abstract :

This invention relates to an infra red wavefront sensor device (10) including: a plurality of tapered coherent fibre optic image conduits (12a 12b) wherein each image conduit has an input surface (14a 14b) and a body portion (16a 16b) that tapers to an output surface (18a 18b) and is configured to transmit an infra red image incident on the input surface (14a 14b) to the output surface (18a 18b) in which the input surfaces (14a 14b) are substantially coplanar thereby defining an image plane; a plurality of detector arrays (26) wherein each detector array has a plurality of detector cells which are responsive to infra red radiation and in which each detector array (26) is positioned so as to detect an infra red image processor (28) responsive to the output signals of the detector arrays (26) and configured to combine said output signals to produce a composite image.

No. of Pages : 18 No. of Claims : 14

(22) Date of filing of Application :27/01/2014

(43) Publication Date : 09/01/2015

# (54) Title of the invention : VALUABLE DOCUMENT WITH AN OPTICALLY VARIABLE STRUCTURE (VARIANTS)

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application</li> <li>No <ul> <li>Filing Date</li> <li>(87) International Publication</li> <li>No</li> <li>(61) Patent of Addition to</li> </ul> </li> <li>Application Number <ul> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application</li> <li>Number <ul> <li>Filing Date</li> </ul> </li> </ul>	<ul> <li>B42D15/00,G07D7/12,B44F1/12</li> <li>2011126649</li> <li>:30/06/2011</li> <li>:Russia</li> <li>:PCT/RU2012/000492</li> <li>:22/06/2012</li> <li>:WO 2013/002680</li> <li>:NA</li> <li>:NA</li> <li>:NA</li> <li>:NA</li> </ul>	<ul> <li>(71)Name of Applicant :</li> <li>1)FEDERALNOE GOSUDARSTVENNOE UNITARNOE</li> <li>PREDPRIYATIE GOZNAK (FGUP GOZNAK) <ul> <li>Address of Applicant :Petropavlovskaya krepost 3V</li> </ul> </li> <li>St.Peterburg 197046 Russia</li> <li>(72)Name of Inventor : <ul> <li>1)TRACHUK Arkadiy Vladimirovich</li> <li>2)KURYATNIKOV Andrey Borisovich</li> <li>3)PISAREV Alexandr Georgievich</li> <li>4)PAVLOV Igor Vasilievich</li> <li>5)MOCHALOV Aleksandr Igorievich</li> <li>6)SALUNIN Alexey Vitalevich</li> <li>7)RYTIKOVA Anna Menashevna</li> <li>8)SHAPINOV Vladimir Ivanovich</li> <li>9)RYBIN Konstantin Gennadievich</li> <li>10)BOLOTOV Dmitry Petrovich</li> <li>11)FEDOROVA Elena Mikhailovna</li> <li>12)BARANOVA Galina Sergeevna</li> </ul> </li> </ul>
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#### (57) Abstract :

(19) INDIA

The valuable document comprises a coating in the form of a printed raster that is made up of at least one colour which is different from the colour of the main document. The document also comprises a three dimensional raster arranged relative to the coating so that the three dimensional raster is at least partially disposed on the coating is oriented substantially parallel to the lines of the printed raster and together with the coating forms a latent image which is not discernible when the document is viewed at a right angle. At least a portion of the lines of the three dimensional raster has an asymmetric cross section profile with an aspect ratio of not less than 1:1.25 as a result of which the latent image becomes visible in the form of coloured elements or a single coloured region in the event of a change in the viewing angle. In the event of a 180° change in the viewing direction without any change in the viewing angle a change in the optical density or in the colour gamut of at least a part of the latent image results. The invention makes it possible to increase the protection against counterfeiting of a valuable document with optically variable images and makes it possible for an untrained user to carry out a visual authenticity check.

No. of Pages : 28 No. of Claims : 29

(21) Application No.642/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :28/01/2014

(43) Publication Date : 09/01/2015

# (54) Title of the invention : A TURBINE SYSTEM COMPRISING A PUSH ROD ARRANGEMENT BETWEEN TWO HOUSINGS

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application <ul> <li>Number</li> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application Number <ul> <li>Filing Date</li> </ul> </li> </ul>	:F01D25/26 :11176302.5 :02/08/2011 :EPO :PCT/EP2012/062058 :22/06/2012 :WO 2013/017336 :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)SIEMENS AKTIENGESELLSCHAFT <ul> <li>Address of Applicant :Wittelsbacherplatz 2 80333 M<sup>1</sup>/<sub>4</sub>nchen</li> </ul> </li> <li>Germany </li> <li>(72)Name of Inventor : <ul> <li>1)ARORA Varun</li> <li>2)GREWAL Tejinder Singh</li> <li>3)GUPTA Abhimanyu</li> <li>4)SEN Suvadeep</li> <li>5)SHARMA Anmol</li> </ul> </li> </ul>
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(57) Abstract :

A turbine system with a push rod arrangement is presented. The turbine system includes a first turbine (22) having a first rotor (28) a second turbine (24) having a second rotor (32) a push rod (54) coupled to a casing of the first turbine (22) at a first end (66) and to a casing of the second turbine (24) at a second end (68) characterized in that the push rod (54) comprises a device (52 72) for controlling temperature.

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

(19) INDIA

(22) Date of filing of Application :28/01/2014

(43) Publication Date : 09/01/2015

:F28D9/00	(71)Name of Applicant :
:61/574156	1)NESTEC S.A.
:28/07/2011	Address of Applicant : Avenue Nestle 55 CH 1800 Vevey
:U.S.A.	Switzerland
:PCT/US2012/044933	(72)Name of Inventor :
:29/06/2012	1)CULLY Kevin J.
:WO 2013/015946	
٠NA	
.1174	
:NA	
:NA	
	:61/574156 :28/07/2011 :U.S.A. :PCT/US2012/044933 :29/06/2012 :WO 2013/015946 :NA :NA :NA

### (54) Title of the invention : METHODS AND DEVICES FOR HEATING OR COOLING VISCOUS MATERIALS

(57) Abstract :

The invention provides methods and devices for heating or cooling viscous materials such as meat emulsions useful for producing food and other products. The devices include a heat exchanger comprising a first plate a second plate attached to the first plate and a first spacer and a second spacer arranged between the first plate and the second plate. The first plate the second plate the first spacer and the second spacer define at least one temperature controlled passage for a product to pass through the heat exchanger.

No. of Pages : 27 No. of Claims : 35

### (19) INDIA

(22) Date of filing of Application :29/01/2014

(43) Publication Date : 09/01/2015

#### (54) Title of the invention : VEHICLE DRIVING ASSISTANCE SYSTEM

(62) Divisional to Application	:PCT/JP2011/071888 :26/09/2011 :WO 2013/046298 :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)IGARASHI Shinji
Number Filing Date	:NA :NA	

(57) Abstract :

In a system that assists a vehicle in avoiding a collision the invention addresses the problem of providing a technology that is capable of assisting driving in a manner adapted to driver sensation. To solve said problem in the system that assists the vehicle in avoiding a collision the invention: finds a travel range that is a range of routes on which the host vehicle is capable of traveling said range of routes resulting from driving operations that are within the scope of the driving operations that a driver is normally capable of performing; and executes driving assistance if a route enabling avoidance of an object does not exist within the travel range said driving assistance not being executed if a route enabling avoidance of the object does exist within the travel range.

No. of Pages : 30 No. of Claims : 5

(21) Application No.623/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :27/01/2014

(43) Publication Date : 09/01/2015

#### (54) Title of the invention : CYLINDER HEAD WITH LIQUID TYPE COOLING

#### (57) Abstract :

The invention relates to a cylinder head (1) with liquid type cooling having one inlet duct (2) which issues into a combustion chamber and which adjoins the inlet duct (3) per cylinder having a fuel injection device (7) which issues into the combustion chamber and which adjoins the inlet duct (2) and the outlet duct (3) and also having at least one cooling chamber (20) which is arranged in the cylinder head (1) wherein in a region of the fire deck (9) there is arranged a cooling distribution duct (11) which runs substantially parallel to the fire deck (9) and which is in particular drilled or pre cast and which issues into a nannular chamber (8) surrounding the fuel injection device (7) wherein the annular chamber (8) has at least one substantially radial first cooling bore (13) directed toward a valve web region (14) which is formed between inlet duct (2) and outlet duct (3) and which adjoins the fire deck (9). To improve the cooling of thermally critical regions there extends laterally from the annular chamber (8) and/or from the cooling distribution duct (11) at least one further cooling bore (15 16) which is preferably directed substantially tangentially toward the outlet duct (3).

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

#### (19) INDIA

(22) Date of filing of Application :28/01/2014

#### (43) Publication Date : 09/01/2015

(54) Title of the invention : HYD	ROGEN GAS GENERATOR	
<ul> <li>(54) The of the invention . HTL</li> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No</li> <li>Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to</li> <li>Application Number</li> <li>Filing Date</li> <li>(62) Divisional to Application</li> <li>Number</li> <li>Filing Date</li> </ul>	:C01B3/06,H01M8/04,B01J7/00 :61/502030 :28/06/2011 :U.S.A. p:PCT/US2012/037219 :10/05/2012	<ul> <li>(71)Name of Applicant :</li> <li>1)EVEREADY BATTERY COMPANY INC. Address of Applicant :533 Maryville University Drive St. Louis Missouri 63141 U.S.A.</li> <li>(72)Name of Inventor :</li> <li>1)STIMITS Jason L.</li> <li>2)ZHENG Guanghong</li> </ul>

(57) Abstract :

The invention is a hydrogen generator (10) with a liquid reservoir (24) a reaction area (22) a byproduct containment area (26) and a hydrogen containment area (28) within a housing (12). A liquid from the liquid reservoir can react within the reaction area to produce hydrogen gas and byproducts which flow to the byproduct containment area and hydrogen gas passes into the hydrogen containment area (28) and is released from the housing through a hydrogen outlet (38) as needed. The liquid reservoir and the reaction area are each within a container (18 20) made of a liquid impermeable material the byproduct containment area is within a flexible container (16) made of a hydrogen permeable liquid impermeable material and the hydrogen containment area is within a flexible container (14) made of a hydrogen impermeable material. The byproduct containment area is in a volume exchanging relationship with one or both of the liquid reservoir and the reaction area.

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

(19) INDIA

(22) Date of filing of Application :28/01/2014

(43) Publication Date : 09/01/2015

### (54) Title of the invention : CONTACT CONDUCTOR RAIL WITH ACCOMMODATING POCKETS FOR BUSBARS

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application <ul> <li>Number</li> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application Number</li> <li>Filing Date</li> </ul>	:H01R25/14 :10 2011 052 482.7 :08/08/2011 :Germany :PCT/EP2012/065077 :01/08/2012 :WO 2013/020878 :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)DEMAG CRANES &amp; COMPONENTS GMBH Address of Applicant :Ruhrstr. 28 58300 Wetter Germany</li> <li>(72)Name of Inventor :</li> <li>1)LINDENAU Thomas</li> <li>2)KREBS Wolfgang</li> </ul>
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(57) Abstract :

The invention relates to a contact conductor rail (7) with a contact conductor profile (1) having a c shaped cross section in which at least one busbar (2 3 4) is arranged in in each case one accommodating pocket (6) wherein the accommodating pocket (6) comprises a c shaped cross section with a pocket opening (6a) and a web (6f) opposite the pocket opening (6a). In order to provide an improved contact conductor rail (7) the invention proposes arranging a groove (6g) in the web (6f) wherein a base side (6l) of the groove (6g) is opposite the pocket opening (6a) and is concavely curved when seen from an interior (1a) of the contact conductor profile (1).

No. of Pages : 22 No. of Claims : 5

(21) Application No.667/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :29/01/2014

(43) Publication Date : 09/01/2015

#### (54) Title of the invention : HYDRODYNAMIC DUCT OF FLOW MANAGEMENT AT THE BOW OF A VESSEL (51) International classification :B63B1/40 (71)Name of Applicant : (31) Priority Document No 1)MILAN SHIPPING AND INVESTMENT LIMITED :20110100430 (32) Priority Date Address of Applicant : Trust Company Complex Aieltake Road :18/07/2011 (33) Name of priority country Ajeitake Island Majuro 96960 Israel :Greece (86) International Application No :PCT/GR2012/000032 (72)Name of Inventor : **1)PETROMANOLAKIS E. Emmanuel** Filing Date :16/07/2012 (87) International Publication No :WO 2013/011332 2)PETROMANOLAKI E. Kalomoira (61) Patent of Addition to Application **3)PETROMANOLAKIS E. Evagelos** :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

#### (57) Abstract :

Hydrodynamic duct mounted at the bow of a vessel comprising a horizontal wall portion (1) and two lateral wall portions (2 3) whereby the flow through the duct acquires substantially different characteristics from the flow outside it and thereby wave making and frictional resistances are reduced and the fuel conventionally required for the propulsion of the vessel is reduced accordingly. The duct is arranged with the Center of Low Pressure (1c) corresponding to a zero angle of attack onto the horizontal wall portion (1) being located in the region of generation of the first bow wave and with the Centers of Low Pressure (2c 3c) of the lateral wall portions (2 3) in the region of connection thereof with the horizontal wall portion (1) being located in a selected position between the Center of Low Pressure (1c) and up to or slightly forwardly the leading edge (la) of the horizontal wall portion (1).

No. of Pages : 50 No. of Claims : 24

(22) Date of filing of Application :05/07/2013

#### (43) Publication Date : 09/01/2015

#### (54) Title of the invention : AN IMPROVED PROCESS FOR THE RECOVERY OF NI AND OTHER METAL VALUES FROM CHROMITE OVERBURDEN

(51) International classification	:C22B23/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)COUNCIL OF SCIENTIFIC & INDUSTRIAL
(32) Priority Date	:NA	RESEARCH
(33) Name of priority country	:NA	Address of Applicant : ANUSANDHAN BHAWAN, RAFI
(86) International Application No	:NA	MARG NEW DELHI-110001 Delhi India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)PARTHA SARATHI MUKHERJEE
(61) Patent of Addition to Application Number	:NA	2)BHAGYADHAR BHOI
Filing Date	:NA	3)JAYASANKAR KALIDOSS
(62) Divisional to Application Number	:NA	4)KIRAN LATA BHASKAR
Filing Date	:NA	5)BARADA KANTA MISHRA

#### (57) Abstract :

The present invention relates to a process for recovery of Ni and other metal values in the form of ferronickel alloy and alloyed pig iron from chromite overburden. In the present work, an attempt has been made to enhance the nickel content in Chromite overburden by pyrometallurgy route i.e. reduction roasting by pan sintering, followed by magnetic separation and plasma smelting. The Ni content is enriched from 0.7% to 1.32% by reduction roasting and further enriched to 1.45% Ni by magnetic separation. The magnetic fraction can be used as raw material for high grade Fe-Ni production. The enriched COB is smelted in a thermal reactor to ! form immiscible layers of slag and metal by varying basicity, time and using appropriate reductant. The obtained ferronickel alloy contains 8% to 10 % Ni. The remaining iron and other metal values including chromium and nickel present in slag is removed in the form of alloyed pig iron by plasma smelting process and the slag can be utilized as a raw material in cement making.

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

(22) Date of filing of Application :27/01/2014

(43) Publication Date : 09/01/2015

#### (54) Title of the invention : A TEXTILE STRUCTURE FOR THE REINFORCEMENT OF A POLYMER MATERIAL

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> </ul>	:B29C70/20,B29C70/22,B29K305/00 :11186883.2 :27/10/2011 :EPO :PCT/EP2012/070280 :12/10/2012 :WO 2013/060582 :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)NV BEKAERT SA Address of Applicant :Bekaertstraat 2 B 8550 Zwevegem Belgium</li> <li>(72)Name of Inventor :</li> <li>1)CORNELUS Henk</li> <li>2)VAN WASSENHOVE Veerle</li> <li>3)VAN LAERE Annelien</li> </ul>
11	:NA :NA :NA	

#### (57) Abstract :

A textile structure for the reinforcement of a polymer material The invention relates to textile structure (100) for the reinforcement of a polymer material. The textile structure comprises in a first direction a number of bundles arranged in mutual substantially parallel position. The bundles comprise n metal filaments. The bundles have a main axis and a non circular cross section. For each of the bundles the n metal filaments of a particular bundle are arranged predominantly parallel with the main axis of this particular bundle. The structure further comprises elongated positioning elements (106) to hold the bundles in mutual substantially parallel position and to hold the n metal filaments of a particular bundle predominantly parallel with the main axis of the bundle. The invention further relates to a method of manufacturing such a textile structure and to the use of a textile structure for the reinforcement of a polymer material.

No. of Pages : 21 No. of Claims : 10

(22) Date of filing of Application :27/01/2014

(43) Publication Date : 09/01/2015

## (54) Title of the invention : POLYOLEFIN BASED THERMOPLASTIC ELASTOMER COMPOSITE AND COVER MATERIAL FOR AN AIR BAG USING SAME AND AIR BAG MODULE USING THE COVER MATERIAL

#### (57) Abstract :

The present invention relates to a polyolefin based thermoplastic elastomer composite for a vehicle air bag cover including a polyolefin based resin a modified polypropylene resin an ionomer resin an olefin based copolymer elastomer and a styrenic copolymer elastomer a cover material for an air bag using the polyolefin based thermoplastic elastomer composite and an air bag module using the cover material.

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

(21) Application No.668/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :29/01/2014

(43) Publication Date : 09/01/2015

### (54) Title of the invention : REVERSING ROLLING MILL AND OPERATING METHOD FOR A REVERSING ROLLING MILL

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application <ul> <li>Number</li> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application Number</li> </ul>	:11179241.2 :30/08/2011 :EPO :PCT/EP2012/064651 :26/07/2012 :WO 2013/029886 :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)SIEMENS VAI METALS TECHNOLOGIES GMBH Address of Applicant :Turmstrae 44 A 4031 Linz Austria</li> <li>(72)Name of Inventor :</li> <li>1)KRIMPELST,,TTER Konrad</li> </ul>
(62) Divisional to Application Number Filing Date	:NA :NA	

#### (57) Abstract :

Operating method for a reversing rolling mill comprising at least one reversing rolling stand (2) for rolling a rolled material (5) wherein the rolled material (5) passes the at least one reversing rolling stand (2) in a sequence of passes with an alternating passing through direction (7) and after each pass is wound up by means of a reversing reel (3 4) acting as a winding up reel (31 41) wherein exclusively rolling oil without water as a carrier medium is applied to the rolled material (5) by means of a rolling oil application device (6) which is arranged between the at least one reversing rolling stand (2) and the winding up reel (31 41).

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

(19) INDIA

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

(43) Publication Date : 09/01/2015

#### (54) Title of the invention : INFORMATION REPRODUCTION DEVICE AND INFORMATION REPRODUCTION METHOD (51) International classification (71)Name of Applicant : :G11B5/09 (31) Priority Document No **1)NIDEC SANKYO CORPORATION** :2012081682 (32) Priority Date Address of Applicant :5329 Shimosuwa machi Suwa gun :30/03/2012 (33) Name of priority country Nagano 3938511 Japan :Japan (86) International Application No :PCT/JP2013/058960 (72)Name of Inventor : 1)NAKAJIMA Shigeo Filing Date :27/03/2013 (87) International Publication No :WO 2013/146863 2)ISONO Yoichi (61) Patent of Addition to Application 3)HIGASHI Katsuhisa :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

#### (57) Abstract :

This application provides an information reproduction device and an information reproduction method that can be applied to a recording medium with a modulated output without switching the circuit and can suppress the circuit scale and cost increases and can shorten the read time. An information reproduction device (10) has an AD converter (141) for converting an analog signal that reproduces the information recorded on a magnetic recording medium (MC) to a digital signal a peak detector (142) that detects the peak point of the reproduced signal in response to a threshold that is a decision level tracking the output of the AD converter (141) from the digital signal and an information generation unit (143) for generating a rectangular wave signal of the reproduced signal waveshaped in response to the interval information of the peak point detected by the peak detector.

No. of Pages : 41 No. of Claims : 16

(22) Date of filing of Application :21/01/2014

(43) Publication Date : 09/01/2015

### (54) Title of the invention : END TIDAL GAS MONITORING APPARATUS

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application</li> <li>No</li> <li>Filing Date</li> <li>(87) International Publication</li> <li>No</li> <li>(61) Patent of Addition to</li> <li>Application Number</li> <li>Filing Date</li> <li>(62) Divisional to Application</li> <li>Number</li> <li>Filing Date</li> </ul>	:PCT/US2012/044348 :27/06/2012 :WO 2013/003429 :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)FRED HUTCHINSON CANCER RESEARCH CENTER Address of Applicant :1100 Fairview Avenue North Seattle Washington 98177 U.S.A.</li> <li>(72)Name of Inventor :</li> <li>1)ACKER Jaron</li> <li>2)CHRISTENSEN David</li> <li>3)FALLIGANT John C.</li> <li>4)INSKO Michael A.</li> <li>5)KLAUS John</li> <li>6)MONTGOMERY Frederick J.</li> <li>7)TOOMBS Christopher</li> </ul>
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(57) Abstract :

A non invasive monitoring apparatus for end tidal gas concentrations and a method of use thereof is described for the detection of endogenous gas concentrations including respiratory gases in exhaled breath.

No. of Pages : 32 No. of Claims : 19

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

#### (43) Publication Date : 09/01/2015

#### (54) Title of the invention : PHARMACEUTICAL COMPOSITION FOR TREATING PREMATURE EJACULATION AND METHOD FOR TREATING PREMATURE EJACULATION

<ul> <li>classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application</li> <li>No</li> <li>Filing Date</li> <li>(87) International Publication</li> </ul>	:A61K31/55,A61P15/10,A61P15/00 :1020110062620 :28/06/2011 :Republic of Korea :PCT/KR2012/005134 :28/06/2012 :WO 2013/002578	<ul> <li>(71)Name of Applicant :</li> <li>1)CTC BIO INC. Address of Applicant :13 Jungdae ro 40 gil Songpa gu Seoul 138 858 Republic of Korea</li> <li>(72)Name of Inventor :</li> <li>1)JEON Hong Ryeol</li> <li>2)KWON Do Woo</li> <li>3)LEE Bong Sang</li> <li>4)KWAK Seong Shin</li> <li>5)LEE Sun Ahe</li> </ul>
<ul> <li>(61) Patent of Addition to</li> <li>Application Number</li> <li>Filing Date</li> <li>(62) Divisional to Application</li> <li>Number</li> </ul>	:NA :NA :NA :NA	6)PARK Hyun Jung 7)YOO Jeong Hwa

#### (57) Abstract :

The present invention relates to a pharmaceutical composition which can be taken prior to sex according to need in order to treat prevent or ameliorate premature ejaculation and which comprises 14 to 16mg of Clomipramine HCI and

preferably approximately 15mg as an active ingredient. More preferably the composition of the present invention further comprises: pregelatinized starch; and sodium starch glycolate. The pharmaceutical composition of the present invention quickly exhibits effects has low dissolution (absorption) variation caused due to the difference in pH levels of the gastro intestinal tracts of patients and has very low side effects.

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

#### (19) INDIA

(22) Date of filing of Application :28/01/2014

#### (54) Title of the invention : EMM 23 MOLECULAR SIEVE MATERIAL ITS SYNTHESIS AND USE

<ul> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application</li> <li>No</li> <li>Filing Date</li> <li>(87) International Publication</li> <li>No</li> <li>(61) Patent of Addition to</li> <li>Application Number</li> </ul>	:C01B37/00;C01B37/02;C01B39/48 :61/514939 :04/08/2011 :U.S.A. <sup>1</sup> :PCT/US2012/047910 :24/07/2012	<ul> <li>(71)Name of Applicant :</li> <li>1)EXXONMOBIL CHEMICAL PATENTS INC. Address of Applicant :5200 Bayway Drive Baytown TX</li> <li>77520 U.S.A.</li> <li>(72)Name of Inventor :</li> <li>1)BURTON Allen W.</li> <li>2)STROHMAIER Karl G.</li> <li>3)VROMAN Hilda B.</li> </ul>
Filing Date (62) Divisional to Applicatior Number Filing Date		

(57) Abstract :

A new molecular sieve material is designated as EMM 23 and has in its as calcined form an X ray diffraction pattern including the following peaks in Table 1 :

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

(22) Date of filing of Application :28/01/2014

(43) Publication Date : 09/01/2015

(54) Title of the invention : BEVERAGE DISPENSER WITH AUTOMATIC CLOSURE OF THE POWDER CONTAINERS CHUTES

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application</li> <li>No</li> <li>Filing Date</li> <li>(87) International Publication</li> <li>No</li> <li>(61) Patent of Addition to</li> <li>Application Number Filing Date</li> <li>(62) Divisional to Application</li> <li>Number Filing Date</li> </ul>	:PCT/EP2012/064070 :18/07/2012 :WO 2013/014040 :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)NESTEC S.A. Address of Applicant :Av. Nestl 55 CH 1800 Vevey Switzerland</li> <li>(72)Name of Inventor :</li> <li>1)REY Cdric</li> <li>2)ZWICKER Sven</li> <li>3)HESS Michel</li> <li>4)LARDELLI Silvio</li> </ul>
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#### (57) Abstract :

The invention concerns a beverage dispenser comprising: a housing (1) at least one refillable container (2) for storing bulk beverage ingredient said container comprising : a tank (22) a discharge port (5) at the outlet (23) of the tank at least a beverage preparation unit (3) operatively linked to the container for preparing a beverage from the stored bulk beverage ingredient a door wherein the discharge port (6) of the container (2) is configured for being automatically closed due to the opening movement of the door.

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

(22) Date of filing of Application :29/01/2014

(43) Publication Date : 09/01/2015

#### (54) Title of the invention : COMPOSITIONS OF MATTER COMPRISING EXTRACTED ALGAE OIL

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No</li> <li>Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to</li> <li>Application Number</li> <li>Filing Date</li> <li>(62) Divisional to Application</li> <li>Number</li> <li>Filing Date</li> </ul>	):PCT/US2012/050189 :09/08/2012	<ul> <li>(71)Name of Applicant :</li> <li>1)SAPPHIRE ENERGY INC. Address of Applicant :Attn: Legal Department 3115</li> <li>Merryfield Row San Diego California 92121 U.S.A.</li> <li>(72)Name of Inventor :</li> <li>1)ROUSSIS Stilianos</li> <li>2)CRANFORD Richard</li> </ul>
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#### (57) Abstract :

Crude algae oils produced by practical extraction techniques comprise a wide range of molecular species that can be characterized by advanced analytical techniques. The algae oils comprise a complex mixture of a large number of molecules having varying sizes and therefore varying boiling points and comprise high nitrogen oxygen and fatty acid content but low sulfur saturated hydrocarbons and triglyceride content. Hydrogen/carbon molar ratios are typically greater than 1.6. The wide range of molecular species in the crude algae oils while unusual compared to conventional refinery feed stocks and vegetable oils may be upgraded into fuels by conventional refining approaches such as hydrotreating and thermal treatment. Unusual behavior of the algae oils in thermal processing and/or hydrotreatment may provide a high quality product slate with the flexibility to adjust the product slate due to enhanced cracking behavior exhibited by these algae oils.

No. of Pages : 59 No. of Claims : 69

(19) INDIA

(22) Date of filing of Application :23/01/2014

(43) Publication Date : 09/01/2015

(54) Title of the invention : VEHICLE BODY REAR STRUCTURE		
<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> </ul>		E (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)YANO Norimasa
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A vehicle body rear structure (10) includes an upper back cross sectional portion (160) which forms a skeleton that is elongated in a vehicle width direction a bracket package tray (100) which is located on a vehicle rear side of the upper back cross sectional portion (160) and joined to the upper back cross sectional portion (160) a roof side inner (110) which is located on a vehicle top side of a wheel house (24) a roof side outer (130) which is located outside an extended portion (26) and the roof side inner (110) in a vehicle width direction and which has a front end portion which is joined to the upper back cross sectional portion which is joined to the upper back cross sectional portion which is joined to the upper back cross sectional portion which is joined to the upper back cross sectional portion (160) and a rear end portion which is joined to a bracket package tray (100) and a bulk (150) which couples the roof side outer (130) and the upper back cross sectional portion (160).

No. of Pages : 34 No. of Claims : 9

(19) INDIA

(22) Date of filing of Application :28/01/2014

(43) Publication Date : 09/01/2015

(51) International classification	:B62D55/125	(71)Name of Applicant :
(31) Priority Document No	:13/193124	1)ATI INC.
(32) Priority Date	:28/07/2011	Address of Applicant :103 Brown Street P.O. Box 686 Mt.
(33) Name of priority country	:U.S.A.	Vernon Indiana 47620 U.S.A.
(86) International Application No	:PCT/US2012/048579	(72)Name of Inventor :
Filing Date	:27/07/2012	1)RESHAD Jamsheed
(87) International Publication No	:WO 2013/016649	2)TIEDE Duane
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		l de la constante de

#### (54) Title of the invention : TRACK MODULE APPARATUS AND OPEN DRIVE WHEEL THEREFOR

(57) Abstract :

A vehicle track module (10) including an upper drive wheel a plurality of idler (14A and 14B) and bogey wheels (15A and 15B) and an endless rubber track (16) with spaced lugs (20) which extends around the wheels and is driven by the drive wheel (12) which has: a middle main plate (22) with a outer edge (40B) of first diameter and inward and outward sides (28A and 28B) forming the exposed inward and outward surfaces of the drive wheel; drive members axially across and projecting radially beyond the main plate edge (26) to a second diameter.

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

(19) INDIA

(22) Date of filing of Application :28/01/2014

#### (43) Publication Date : 09/01/2015

(54) Title of the invention : PHTHALOC	YANINE SYNTHESIS	
<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:C09B47/067 :61/514527 :03/08/2011 :U.S.A. :PCT/US2012/049561 :03/08/2012 :WO 2013/020067 :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)SUN CHEMICAL CORPORATION <ul> <li>Address of Applicant :35 Waterview Boulevard Parsippany NJ</li> <li>07054 U.S.A.</li> <li>(72)Name of Inventor :</li> <li>1)SMITH Norman W.</li> <li>2)MERCHAK Paul A.</li> </ul> </li> </ul>

(57) Abstract :

Provided are methods for preparing a phthalocyanme pigment in high yield that eliminate the need to add a heavy metal catalyst. The resulting pigmentary phthalocyanme products thus contain no or only trace amounts of heavy metal impurities. The provided methods produce phthalocyanme pigments that can be used in any application that utilizes phthalocyanme pigments such as in dispersions printing inks paints plastics and coatings.

No. of Pages : 39 No. of Claims : 50

(19) INDIA

(22) Date of filing of Application :29/01/2014

(43) Publication Date : 09/01/2015

:A4/F3/04	(71)Name of Applicant :
:NA	1)CARRIER CORPORATION
:NA	Address of Applicant :One Carrier Place P.O.Box 4015
:NA	Farmington Connecticut 06034 4015 U.S.A.
:PCT/EP2011/065195	(72)Name of Inventor :
:02/09/2011	1)STRUPP Stefan
:WO 2013/029686	2)MOELLER Bernhard
·NIA	3)ULLRICH Stefan
	4)KELLER Dimitri
:NA	
:NA	
:NA	
	:NA :NA :PCT/EP2011/065195 :02/09/2011 :WO 2013/029686 :NA :NA :NA

#### (54) Title of the invention : REFRIGERATED SALES FURNITURE

(57) Abstract :

A refrigerated sales furniture (2) according to the present invention comprises a furniture rear wall (6) extending substantially upright from a base (4); a goods presentation space (10) including a bottom area (12); an air suction channel (20) for sucking air from a lower front end portion of the refrigerated sales furniture (2) the air suction channel (20) having a rear air suction channel portion (26) being arranged at a position behind the bottom area (12) of the goods presentation space (10) and arranged adjacent to and substantially in parallel to the furniture rear wall (4); a fan (30) for conveying air from the air suction channel (20) through an air pressure channel (32) through an evaporator (46) through a cold air channel (48) and through a perforated goods presentation space rear wall (16) to the goods presentation space (10) the fan (30) being arranged between the air suction channel (20) and the air pressure channel (32) at a height corresponding to the height of the bottom area (12) of the goods presentation space (10); the air pressure channel (32) having a lower air pressure channel portion (34) that extends in front of and substantially in parallel to the rear air suction channel portion (26) of the air suction channel (20); the cold air channel (48) having a lower cold air channel portion (54) for conveying cold air through the lower rear wall portion (18) of the goods presentation space rear wall (16) to the goods presentation space (10) the lower rear wall portion (34) of the air pressure cold air channel portion (54) extending between the lower air pressure channel portion (34) of the air pressure cold air channel portion (54) extending between the lower air pressure channel portion (34) of the air pressure cold air channel portion (54) extending between the lower air pressure channel portion (34) of the air pressure cold air channel portion (18) of the perforated goods presentation space rear wall portion (18) of the perforated goods presentation space rear wall portion (18) of the air pr

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

(22) Date of filing of Application :27/01/2014

(43) Publication Date : 09/01/2015

#### (54) Title of the invention : A LOAD BEARING ASSEMBLY COMPRISING A STEEL ROPE AND A JACKET

(51) International classification	:D07B5/00,D07B1/16,B66B7/06	
(31) Priority Document No	:11184984.0	1)NV BEKAERT SA
(32) Priority Date	:13/10/2011	Address of Applicant :Bekaertstraat 2 B 8550 Zwevegem
(33) Name of priority country	:EPO	Belgium
(86) International Application N	o:PCT/EP2012/069457	(72)Name of Inventor :
Filing Date	:02/10/2012	1)GALLENS Jeroen
(87) International Publication No	o :WO 2013/053621	2)CLAUWS Raf
(61) Patent of Addition to	:NA	3)KLUST Andreas
Application Number		
Filing Date	:NA	
(62) Divisional to Application		
Number	:NA	
Filing Date	:NA	
I ming Dutt		

(57) Abstract :

A LOAD BEARING ASSEMBLY (100) FOR USE IN ELEVATOR SYSTEM WHEREIN THE LOAD BEARING ASSEMBLY (100) COMPRISES AT LEAST ONE STEEL ROPE (102) AND A JACKET (110) SURROUNDING THIS AT LEAST ONE STEEL ROPE (102). THE JACKET (110) COMPRISES AT LEAST ONE LAYER OF A THERMOPLASTIC ELASTOMER COMPRISING POLYMER PARTICLES (112). THE POLYMER PARTICLES (112) HAVE A MOLECULAR WEIGHT HIGHER THAN 0.510G/MOL. THE JACKET (110) PROVIDES A COEFFICIENT OF FRICTION ALLOWING SUFFICIENT TRACTION BETWEEN THE LOAD BEARING ASSEMBLY (100) AND OTHER COMPONENTS OF THE ELEVATOR SYSTEM SUCH AS THE SHEAVES. ALSO DISCLOSED IS A CORRESPONDING METHOD OF MAKING A LOAD BEARING MEMBER.

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

(19) INDIA

(22) Date of filing of Application :28/01/2014

(43) Publication Date : 09/01/2015

#### (54) Title of the invention : ELEVATOR SYSTEM WITH DYNAMIC TRAFFIC PROFILE SOLUTIONS

(51) International classification	:B66B1/18,B66B1/06	(71)Name of Applicant :
(31) Priority Document No	:NA	1)OTIS ELEVATOR COMPANY
(32) Priority Date	:NA	Address of Applicant :10 Farm Springs Farmington
(33) Name of priority country	:NA	Connecticut 06032 U.S.A.
(86) International Application No	:PCT/US2011/050751	(72)Name of Inventor :
Filing Date	:08/09/2011	1)FLYNN Michael P.
(87) International Publication No	:WO 2013/036225	2)HANVEY Dennis
(61) Patent of Addition to Application	:NA	3)PATENAUDE Allen
Number	:NA :NA	4)STANLEY Jannah A.
Filing Date	.1\A	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(57) 11		•

(57) Abstract :

An exemplary method of controlling an elevator system includes determining that a temporary heavy traffic condition exists that includes a plurality of passengers requiring elevator service from an originating floor in the building that is distinct from a lobby floor. At least one elevator car out of a plurality of elevator cars within the building is temporarily dedicated to carry the passengers from the originating floor. A peak travel scheduling strategy is temporarily used for controlling the dedicated elevator car or cars for a selected period of time.

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

(22) Date of filing of Application :29/01/2014

### (54) Title of the invention : METHOD AND DEVICE FOR DETECTING A DETERIORATION IN THE STATE OF AN INSULATION IN AN OPERATING ELECTRIC MACHINE

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> </ul>	:G01R31/34,G01R31/06,G01R27/28 :A 1120/2011 :01/08/2011 y:Austria	<ul> <li>(71)Name of Applicant :</li> <li>1)TECHNISCHE UNIVERSIT,,T WIEN Address of Applicant :Karlsplatz 13 A 1040 Wien Austria</li> <li>(72)Name of Inventor :</li> <li>1)WOLBANK Thomas</li> </ul>
<ul> <li>(86) International</li> <li>Application No</li> <li>Filing Date</li> <li>(87) International Publication</li> <li>No</li> </ul>	:PCT/AT2012/000201 :01/08/2012 <sup>1</sup> :WO 2013/016750	
<ul> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:NA :NA :NA :NA	

#### (57) Abstract :

The invention relates to a method and a device (1) for the online detection of a deterioration in the state of an insulation in an electric machine (2). A stepped voltage is applied to the winding(s) (3) of the machine (2) with the aid of a converter (41) and the current (i) induced in this manner and/or the time derivative (di/dt) thereof is acquired as a measurement signal with the aid of at least one sensor (6 7 8) and is then oversampled with a frequency higher than the frequencies characteristic for settling. The signal obtained by said oversampling is then evaluated with regard to parameters of the settling process such as overshooting (Ah) and/or natural frequency (1/) and/or a damping constant in order to detect any deterioration in the insulation.

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

(21) Application No.680/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :29/01/2014

(43) Publication Date : 09/01/2015

#### (54) Title of the invention : METHOD FOR TREATING AQUEOUS SOLUTION CONTAINING HEXAVALENT CHROMIUM

<ul> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application</li> <li>No</li> <li>Filing Date</li> <li>(87) International Publication</li> <li>No</li> <li>(61) Patent of Addition to</li> <li>Application Number</li> <li>Filing Date</li> <li>(62) Divisional to Application</li> </ul>	-	<ul> <li>(71)Name of Applicant :</li> <li>1)PANASONIC CORPORATION <ul> <li>Address of Applicant :1006 Oaza Kadoma Kadoma shi Osaka</li> </ul> </li> <li>5718501 Japan <ul> <li>(72)Name of Inventor :</li> <li>1)MARUO Yuko</li> </ul> </li> <li>2)INO Daisuke</li> </ul>
Number	:NA :NA	

#### (57) Abstract :

A TITANIUM-DIOXIDE PHOTOCATALYST THAT EXCELS IN BOTH PHOTOCATALYTIC ACTIVITY AND SOLID-LIQUID SEPARATION PERFORMANCE IS APPLIED TO WATER TREATMENT TO PROVIDE A METHOD FOR TREATING AN AQUEOUS SOLUTION CONTAINING HEXAVALENT CHROMIUM. THIS METHOD IS PROVIDED WITH THE FOLLOWING STEPS: A STEP IN WHICH CATALYST PARTICLES ARE ADDED TO THE AFOREMENTIONED AQUEOUS SOLUTION; A STEP IN WHICH THE AQUEOUS SOLUTION IS EXPOSED TO LIGHT HAVING A WAVELENGTH OF 200-400 NM WHILE THE CATALYST PARTICLES ARE AGITATED WITHIN THE AQUEOUS SOLUTION, THEREBY REDUCING THE HEXAVALENT CHROMIUM; AND A STEP IN WHICH THE AGITATION IS STOPPED AND THE CATALYST PARTICLES ARE SEPARATED OUT FROM THE AQUEOUS SOLUTION VIA PRECIPITATION. THE CATALYST PARTICLES CONSIST OF TITANIUM-DIOXIDE PARTICLES AND ZEOLITE PARTICLES. THE TITANIUM-DIOXIDE PARTICLES ARE ADSORBED TO THE OUTER SURFACES OF THE ZEOLITE PARTICLES. THE MOLAR RATIO OF SILICA TO ALUMINA IN THE ZEOLITE IS GREATER THAN OR EQUAL TO 10:1, AND THE CONCENTRATION OF THE CATALYST PARTICLES IN THE AQUEOUS SOLUTION IS 0.4-16 G/L.

No. of Pages : 37 No. of Claims : 5

(19) INDIA

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

(43) Publication Date : 09/01/2015

(51) International classification	:H01H33/664	(71)Name of Applicant :
(31) Priority Document No	:11006056.3	1)ABB Technology AG
(32) Priority Date	:23/07/2011	Address of Applicant : Affolternstrae 44 CH 8050 Zurich
(33) Name of priority country	:EPO	Switzerland
(86) International Application No	:PCT/EP2012/003045	(72)Name of Inventor :
Filing Date	:19/07/2012	1)GENTSCH Dietmar
(87) International Publication No	:WO 2013/013794	2)LAMARA Tarek
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.1174	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		l

#### (54) Title of the invention : CONTACT ASSEMBLY FOR A VACUUM CIRCUIT BREAKER

(57) Abstract :

A contact assembly 30 for interrupting an electrical current comprises an outer field generating element 38 for generating a first axial magnetic field (AMF) an inner field generating element 50 for generating a second AMF opposite to the first AMF. The inner field generating element 50 is coaxial with the outer field generating element 38 and has a smaller diameter than the outer field generating element 50. The outer field generating element 50 is cup shaped and slotted with non radial slots 46 to generate the first AMF. The contact assembly 30 comprises an innermost conducting element 66 for nominal current conduction and coaxially adjusted with the inner field generating element.

No. of Pages : 29 No. of Claims : 14

(19) INDIA

(22) Date of filing of Application :23/01/2014

(43) Publication Date : 09/01/2015

(51) International classification	:G06F15/16	(71)Name of Applicant :
(31) Priority Document No	:13/237722	1)INSTART LOGIC INC.
(32) Priority Date	:20/09/2011	Address of Applicant :2307 Leghorn Street Mountain View
(33) Name of priority country	:U.S.A.	CA 94040 U.S.A.
(86) International Application No	:PCT/US2012/052162	(72)Name of Inventor :
Filing Date	:23/08/2012	1)KOLAM Hariharan
(87) International Publication No	:WO 2013/043305	2)MITAL Manav Ratan
(61) Patent of Addition to Application	:NA	3)VENKAT Raghu Batta
Number	:NA :NA	
Filing Date	.INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		•

#### (54) Title of the invention : APPLICATION ACCELERATION WITH PARTIAL FILE CACHING

(57) Abstract :

A method of distributing content is disclosed. The method includes receiving by an edge server an indication indicating that a client has sent a request for a file that includes content related to executing an application. The method includes analyzing interaction with the client by the edge server to determine a first portion of the file that is likely to be required by the client for executing the application sooner than a second portion of the file. The method further includes generating by the edge server a modified file that includes the first portion of the file. The method further includes the modified file to the client.

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

(21) Application No.607/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :27/01/2014

(43) Publication Date : 09/01/2015

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number <ul> <li>Filing Date</li> </ul> </li> <li>(2) Distinguished Application Negative</li> </ul>	:10 2011 117 392.0 :25/10/2011 :Germany :PCT/EP2012/004425 :23/10/2012 :WO 2013/060443 :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)KEIPER GMBH &amp; CO. KG Address of Applicant :Hertelsbrunnenring 2 67657 Kaiserslautern Germany</li> <li>(72)Name of Inventor :</li> <li>1)SCHOLZ Grit</li> </ul>
(62) Divisional to Application Number Filing Date	:NA :NA	

#### (54) Title of the invention : FITTING FOR A VEHICLE SEAT AND VEHICLE SEAT

(57) Abstract :

The invention relates to a fitting for a vehicle seat in particular for a motor vehicle seat comprising a first fitting part (11) on which a ring gear (17) is formed a second fitting part (12) on which a spur gear (16) is formed which meshes with the ring gear (17) whereby the two fitting parts (11 12) are in a transmission connection with each other and a rotatably supported eccentric that rotates in the circumferential direction for driving a relative rolling motion of the spur gear (16) and the ring gear (17) wherein the outside of the eccentric is arranged in a plain bearing bushing (28) in the radial direction which plain bearing bushing is arranged in a bearing seat (29) in particular in a collar (29) of the first or second fitting part (11 12) wherein the plain bearing bushing (28) has a wall thickness of less than 1 mm and is connected to the bearing seat (29) in a bonded manner by means of laser welding and the running side of the plain bearing bushing (28) is plastic coated.

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

(22) Date of filing of Application :28/01/2014

(43) Publication Date : 09/01/2015

(51) International classification	:A47J31/22	(71)Name of Applicant :
(31) Priority Document No	:11176926.1	1)NESTEC S.A.
(32) Priority Date	:09/08/2011	Address of Applicant : Av. Nestl 55 CH 1800 Vevey
(33) Name of priority country	:EPO	Switzerland
(86) International Application No	:PCT/EP2012/065315	2)ROTHACHER ETTER Manuela
Filing Date	:06/08/2012	(72)Name of Inventor :
(87) International Publication No	:WO 2013/020939	1)PERENTES Alexandre
(61) Patent of Addition to Application	:NA	2)JARISCH Christian
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(57) 11		l

(54) Title of the invention : CENTRIFUGAL BREWING MACHINE WITH FLOW COLLECTING ASSEMBLY

#### (57) Abstract :

Centrifugal brewing machine (1) for preparing a beverage comprising: a rotating brewing unit (2) configured for receiving a liquid and beverage ingredients a collector (11) disposed around the brewing unit (2) for collecting the brewed liquid projected outwardly as result of the centrifugation forces obtained from the rotation of the brewing unit wherein a thin annular liquid projection gap (38) is provided between at least one outlet wall (43) of the rotating brewing unit comprising at least one outlet (40) and the collector (11).

No. of Pages : 25 No. of Claims : 15

(19) INDIA

(22) Date of filing of Application :29/01/2014

(43) Publication Date : 09/01/2015

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No <ul> <li>Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> </ul> </li> <li>Number <ul> <li>Filing Date</li> <li>(62) Divisional to Application Number</li> <li>Filing Date</li> </ul> </li> </ul>	:B01D61/36 :10 2011 108 909.1 :29/07/2011 :Germany :PCT/EP2012/064680 :26/07/2012 :WO 2013/017520 :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)AAA WATER TECHNOLOGIES AG Address of Applicant :c/o 4S Treuhand AG Hinterbergstrae 18 CH 6330 Cham Switzerland</li> <li>(72)Name of Inventor :</li> <li>1)HEINZL Wolfgang</li> </ul>
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#### (54) Title of the invention : MEMBRANE DISTILLATION DEVICE

(57) Abstract :

The invention relates to a membra ne distillation device comprising at least one condensation/evaporation stage which comprises at least one condensation unit and at least one evaporation unit and to which vapor is fed and through which a liquid to be concentrated flows wherein each condensation unit comprises a first vapor chamber that is bounded at least partially by a condensation wall and to which the fed vapor is supplied and each evaporation unit comprises a second vapor chamber that is bounded at least partially by a vapor permeable liquid tight membrane wall and in each condensation/evaporation stage at least one flow channel is provided which is formed between such a condensation unit and such an evaporator unit adjacent to said condensation unit and which conducts the liquid to be concentrated and thus the liquid to be concentrated is heated by means of the condensation/evaporation stage is expanded by an integrated apparatus for preheating the liquid to be concentrated which apparatus comprises at least one additional vapor chamber to which the vapor fed to the condensation/evaporation stage is supplied and in which the vapor is condensed whereby the liquid to be concentrated is preheated.

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

(21) Application No.1278/DELNP/2014 A

(19) INDIA(22) Date of filing of Application :20/02/2014

(43) Publication Date : 09/01/2015

#### (54) Title of the invention : TURBOCHARGER AND A COMPONENT THEREFOR

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number</li> </ul>	•	<ul> <li>(71)Name of Applicant :</li> <li>1)BORGWARNER INC. Address of Applicant :Patent Department 3850 Hamlin Road Auburn Hills Michigan 48326 U.S.A.</li> <li>(72)Name of Inventor :</li> <li>1)SCHALL Gerald</li> <li>2)DIETRICH Ingo</li> <li>3)GABEL Melanie</li> <li>4)KULIN Munevera</li> </ul>
Filing Date (62) Divisional to Application		
Number Filing Date	:NA	

(57) Abstract :

What is described is a component for turbocharger applications in particular in diesel engines which consists of an iron based alloy having an austenitic base structure which comprises a carbide structure.

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

#### (12) PATENT APPLICATION PUBLICATION (21) Application No.1981/DEL/2013 A (19) INDIA (22) Date of filing of Application :03/07/2013 (43) Publication Date : 09/01/2015 (54) Title of the invention : PROCESS OF PRPARING LIQUEFIED PETROLEUM GAS FROM SOLVENT OIL AND AN APPARATUS FOR CARRYING OUT THE PROCESS (51) International classification :C10G11/00 (71)Name of Applicant : (31) Priority Document No **1)GAURAV SHARMA** :NA (32) Priority Date Address of Applicant :E-778 DSIDC, NARELA :NA (33) Name of priority country INDUSTRIAL COMPLEX, NEW DELHI-110040 Delhi India :NA (86) International Application No :NA (72)Name of Inventor : Filing Date **1)GAURAV SHARMA** :NA (87) International Publication No : NA (61) Patent of Addition to Application Number :NA Filing Date :NA (62) Divisional to Application Number :NA

(57) Abstract :

Filing Date

The present invention relates to a process for generation of Liquefied Petroleum Gas (hereinafter referred to as LPG) from solvent oil (primarily a hydrocarbon feedstock) and a multi chambered apparatus for carrying out the process wherein the solvent oil is subjected to pass through different chambers each having different pressure which results in the production of LPG from solvent oil. The apparatus is a house hold apparatus which can be installed in kitchen and/or in restaurants and hotels.

:NA

No. of Pages : 12 No. of Claims : 23

(19) INDIA

(22) Date of filing of Application :21/01/2014

(43) Publication Date : 09/01/2015

#### (54) Title of the invention : METHODS FOR THE SYNTHESIS OF FUNCTIONALIZED NUCLEIC ACIDS

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application <ul> <li>Number</li> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application Number <ul> <li>Filing Date</li> </ul> </li> </ul>	:A61K31/70,A61K31/66 :61/509526 :19/07/2011 :U.S.A. :PCT/US2012/046805 :13/07/2012 :WO 2013/012758 :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)WAVE LIFE SCIENCES PTE. LTD. Address of Applicant :8 Cross Street #10 00 PWC Building Singapore 048424 Singapore</li> <li>(72)Name of Inventor :</li> <li>1)VERDINE Gregory L.</li> <li>2)MEENA Meena</li> <li>3)IWANOTO Naoki</li> <li>4)BUTLER David Charles Donnell</li> </ul>
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(57) Abstract :

Described herein are methods for the synthesis of derivatives of thiosulfonate reagents. Said reagents have utility for the synthesis of phosphorothiotriesters from H phosphonates in a stereospecific fashion.

No. of Pages : 97 No. of Claims : 18

(21) Application No.515/DELNP/2014 A

(19) INDIA

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

(43) Publication Date : 09/01/2015

#### (54) Title of the invention : ELECTRICALLY CONDUCTIVE ADHESIVE COMPOUND AND ADHESIVE TAPE

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No</li> <li>Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to</li> <li>Application Number</li> <li>Filing Date</li> <li>(62) Divisional to Application</li> <li>Number</li> <li>Filing Date</li> </ul>	:10/07/2012	<ul> <li>(71)Name of Applicant : <ol> <li>TESA SE</li> <li>Address of Applicant :Quickbornstrae 24 20253 Hamburg</li> </ol> </li> <li>Germany </li> <li>(72)Name of Inventor : <ol> <li>KEITE TELGENBSCHER Klaus</li> </ol> </li> </ul>
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(57) Abstract :

The invention relates to adhesive compound compositions comprising a) a polymer metal blend comprising at least one adhesive compound at least one metal component which melts within the temperature range of  $50^{\circ}$ C to  $400^{\circ}$ C and b) at least one fibrous electrically conductive filler material wherein the filler material is present at least in part as an interconnected fiber network comprising the metal component.

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

(22) Date of filing of Application :24/01/2014

(43) Publication Date : 09/01/2015

#### (54) Title of the invention : LINEAR RELATIONSHIP BETWEEN TRACKS

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority</li> <li>country</li> <li>(86) International</li> <li>Application No <ul> <li>Filing Date</li> <li>(87) International</li> </ul> </li> <li>Publication No</li> <li>(61) Patent of Addition to</li> <li>Application Number</li> </ul>	:G01F23/284,G01F23/296,G01F23/28 :11176609.3 :04/08/2011 :EPO :PCT/EP2012/064742 :26/07/2012 :WO 2013/017534 :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)VEGA GRIESHABER KG Address of Applicant :Hauptstr. 1 5 77709 Wolfach Germany</li> <li>(72)Name of Inventor :</li> <li>1)WELLE Roland</li> <li>2)HOFERER Christian</li> <li>3)GRIESSBAUM Karl</li> </ul>
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA	

#### (57) Abstract :

The invention relates to an operating time fill level measuring device and an operating time fill level measuring method in which the echoes of consecutive echo curves are grouped and combined into tracks. The linear relationship between two tracks is then determined and said linear relationship is used in order to determine one or more unknowns. For example the dielectric constant of the filling medium the container length or the probe length or the position of an expected echo can be derived from said linear relationship.

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

(22) Date of filing of Application :29/01/2014

(43) Publication Date : 09/01/2015

#### (54) Title of the invention : AUTO MAGNETIC METAL SALEN COMPLEX COMPOUND

(31) Priority Document No:2011163621Addres(32) Priority Date:26/07/2011:1358710 Ja(33) Name of priority country:Japan(72)Name1)ISHIK	ORPORATION ss of Applicant :1 1 Toyosu 3 chome Koto ku Tokyo apan of Inventor : XAWA Yoshihiro CHI Haruki
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(57) Abstract :

A novel metal salen complex compound having auto magnetic properties and a derivative thereof are provided. The present invention is a metal salen complex compound comprising any of the listed compounds.

No. of Pages : 42 No. of Claims : 13

(22) Date of filing of Application :29/01/2014

(43) Publication Date : 09/01/2015

#### (54) Title of the invention : NEW THIO DERIVATIVES BEARING LACTAMS AS POTENT HDAC INHIBITORS AND THEIR USES AS MEDICAMENTS

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:11181832.4 :19/09/2011 :EPO :PCT/EP2012/068230 :17/09/2012 :WO 2013/041480	<ul> <li>(71)Name of Applicant :</li> <li>1)SIGMA TAU Industrie Farmaceutiche Riunite S.p.A. Address of Applicant :Viale Shakespeare 47 I 00144 Rome Italy</li> <li>(72)Name of Inventor :</li> <li>1)GIANNINI Giuseppe</li> <li>2)CABRI Walter</li> <li>3)BATTISTUZZI Gianfranco</li> <li>4)VIGNOLA Davide</li> <li>5)FANTO Nicola</li> <li>6)PISANO Claudio</li> <li>7)VESCI Loredana</li> </ul>
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(57) Abstract :

The present invention relates to novel amide compounds of Formula (I) and their use as anti tumoral and pro apoptotic agents. The invention includes the use of such compounds in medicine in relation to cancer disease as well as other diseases where an inhibition of HDAC is responsive and the pharmaceutical composition containing such compounds.

No. of Pages : 51 No. of Claims : 14

### (19) INDIA

(22) Date of filing of Application :03/07/2013

(54) Title of the invention : HERBICIDAL COMPOSITION		
<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No <ul> <li>Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number</li> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application Number</li> </ul>	:A01N43/00 :NA :NA :NA :NA :NA :NA :NA :NA :NA	(71) <b>Name of Applicant :</b> <b>1)CRYSTAL CROPPROTECTION PVT.</b> Address of Applicant :G1/17, INDUSTRIAL AREA, G.T. KARNAL ROAD, AZADPUR, DELHI-110033, INDIA Delhi India (72) <b>Name of Inventor :</b> <b>1)N.K. AGGARWAL</b>
Filing Date	:NA	

(57) Abstract :

Wireless connectivity routers like Mifibased on LTE and connecting devices both could have valid credentials to access network. In such scenarios where both have valid credentials it becomes critical to specify which of the credentials to be used and charged. These criti cal decisions are important for charging/billing and QoS else there might be wrong billing. This invention provide a flexible mechanism to use either of the credentials for obtaining services and quality. Also when connecting devi ce will have no credentials of its own it can use the credentials of the routing device wherein the right credential exchange/user identification is completed for appropriate business model of billing by associating the MiFi credentials with the soft credentials of a calling appli ca tion at the device end. This invention provides a mechanism of credential subscription and provides mechanisms of charging the connected devices with unique mechanism for selective subs cription among the connected devices.

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

(19) INDIA

(22) Date of filing of Application :21/01/2014

(43) Publication Date : 09/01/2015

#### (54) Title of the invention : USE OF THE ANTIBODY I 3859 FOR THE DETECTION AND DIAGNOSIS OF CANCER (51) International classification :C07K16/28 (71)Name of Applicant : (31) Priority Document No **1)PIERRE FABRE MEDICAMENT** :11306000.8 (32) Priority Date Address of Applicant :45 place Abel Gance F 92100 Boulogne :29/07/2011 (33) Name of priority country Billancourt France :EPO (86) International Application No :PCT/EP2012/064876 (72)Name of Inventor : Filing Date :30/07/2012 1)KLINGUER HAMOUR Christine (87) International Publication No :WO 2013/017562 2)JOUHANNEAUD Alexandra (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

The present invention relates to the use of a novel isolated anti CXCR4 antibody in the diagnosis of cancer. In particular methods for diagnosing and/or prognosing an oncogenic disorder associated with CXCR4 expression are disclosed.

No. of Pages : 55 No. of Claims : 26

(19) INDIA

(22) Date of filing of Application :23/01/2014

(43) Publication Date : 09/01/2015

### (54) Title of the invention : ELECTRICALLY CONDUCTIVE HEAT ACTIVATED ADHESIVE COMPOUND

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to</li> <li>Application Number</li> <li>Filing Date</li> </ul>	:10/07/2012	<ul> <li>(71)Name of Applicant :</li> <li>1)TESA SE <ul> <li>Address of Applicant :Quickbornstrae 24 20253 Hamburg</li> </ul> </li> <li>(72)Name of Inventor : <ul> <li>1)KEITE TELGENBSCHER Klaus</li> </ul> </li> </ul>
Filing Date		
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The invention relates to adhesive films that can be bonded when heat activated comprising a) a polymer metal blend comprising at least one adhesive compound that can be bonded when heat activated at least one metal component that melts within the temperature range of  $50^{\circ}$ C to  $400^{\circ}$ C and b) at least one electrically conductive fibrous filler material wherein the filler material is present at least in part as an interconnected fiber network comprising the metal component.

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

(22) Date of filing of Application :28/01/2014

(43) Publication Date : 09/01/2015

## (54) Title of the invention : PYRAZOLINE DERIVATIVES AND THEIR USE AS SELECTIVE ANDROGEN RECEPTOR MODULATORS

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority</li> <li>country</li> <li>(86) International</li> <li>Application No</li> <li>Filing Date</li> <li>(87) International</li> <li>Publication No</li> <li>(61) Patent of Addition to</li> <li>Application Number</li> <li>Filing Date</li> <li>(62) Divisional to</li> <li>Application Number</li> <li>Filing Date</li> </ul>	:C07D487/04,A61K31/416,A61P5/26 :2140/DEL/2011 :27/07/2011 :India :PCT/IB2012/053795 :25/07/2012 :WO 2013/014627 :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)NOVARTIS AG Address of Applicant :Lichtstrasse 35 CH 4056 Basel Switzerland</li> <li>(72)Name of Inventor :</li> <li>1)BOCK Mark Gary</li> <li>2)LAGU Bharat</li> <li>3)PANDIT Chetan</li> <li>4)SASMAL Sanjita</li> <li>5)ULLRICH Thomas</li> </ul>
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(57) Abstract :

The invention relates to a compound of formula (I) in free form or in pharmaceutically acceptable salt form (I) in which the substituents are as defined in the specification; to compounds of formula (I) for use as androgen receptor modulators. The present invention further provides a combination of pharmacologically active agents and a pharmaceutical composition.

No. of Pages : 107 No. of Claims : 17

(22) Date of filing of Application :29/01/2014

(43) Publication Date : 09/01/2015

#### (54) Title of the invention : PROCESS FOR TRANSALKYLATING AROMATIC HYDROCARBONS

(51) International classification	:C07C2/66,C07C2/64,C07C15/08	(71)Name of Applicant :
(31) Priority Document No	:13/232019	1)UOP LLC
(32) Priority Date	:14/09/2011	Address of Applicant :25 East Algonquin Road P. O. Box
(33) Name of priority country	:U.S.A.	5017 Des Plaines Illinois 60017 5017 U.S.A.
(86) International Application	:PCT/US2012/051784	(72)Name of Inventor :
No	:22/08/2012	1)LAFYATIS David S.
Filing Date	.22/08/2012	2)BOLDINGH Edwin P.
(87) International Publication	:WO 2013/039656	3)BAKER Eric J.
No	. WO 2013/039030	4)JOHNSON James A.
(61) Patent of Addition to	·NI 4	5)LARSON Robert B.
Application Number	:NA :NA	
Filing Date	.INA	
(62) Divisional to Application	:NA	
Number		
Filing Date	:NA	

(57) Abstract :

The present invention is a process for transalkylating aromatic hydrocarbon compounds the process comprising introducing an aromatic hydrocarbon feed stream into a transalkylation zone to yield high purity benzene as a byproduct while meeting transalkylation objectives. The feed stream contacts a catalyst in the transalkylation zone under conditions adjusted to control benzene purity as well as transalkylation performance.

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

(19) INDIA

(22) Date of filing of Application :29/01/2014

(43) Publication Date : 09/01/2015

(51) International classification	:F17C3/02	(71)Name of Applicant :
(31) Priority Document No	:1157024	1)GAZTRANSPORT ET TECHNIGAZ
(32) Priority Date	:01/08/2011	Address of Applicant :1 route de Versailles F 78470 Saint
(33) Name of priority country	:France	Remy Les Chevreuse France
(86) International Application No	:PCT/FR2012/051768	(72)Name of Inventor :
Filing Date	:26/07/2012	1)JOLIVET Pierre
(87) International Publication No	:WO 2013/017781	2)DELANOE Sbastien
(61) Patent of Addition to Application	:NA	3)CANLER Gery
Number	:NA	
Filing Date	.11/1	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(57) Ale stars at a		1

#### (54) Title of the invention : SEALED THERMALLY INSULATING VESSEL

(57) Abstract :

The invention relates to a sealed thermally insulating tank for containing LNG comprising two sealed barriers and two insulating barriers (2 4) wherein the secondary insulating barrier (2) comprises a first set of thermally insulating elements (11) juxtaposed so as to form a first layer and a second set of thermally insulating elements (10) juxtaposed so as to form a second layer located between the first layer and the supporting structure. Each of the thermally insulating elements (11) of the first layer comprises a casing filled with an insulating lining essentially consisting of inorganic wool organic wool low density (less than 50 kg /m3) polymeric foam or an aerogel. Each of the thermally insulating elements (10) of the second layer comprises a block of high density polymeric foam.

No. of Pages : 24 No. of Claims : 18

(19) INDIA

(22) Date of filing of Application :24/01/2014

#### (43) Publication Date : 09/01/2015

#### (54) Title of the invention : NDM INHIBITOR

(31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International	011163599 6/07/2011 apan CT/JP2012/069050 6/07/2012 WO 2013/015388 JA JA	<ul> <li>(71)Name of Applicant :</li> <li>1)MEIJI SEIKA PHARMA CO. LTD. Address of Applicant :4 16 Kyobashi 2 chome Chuo ku Tokyo 1048002 Japan</li> <li>(72)Name of Inventor :</li> <li>1)MORINAKA Akihiro</li> <li>2)MAEBASHI Kazunori</li> <li>3)IDA Takashi</li> <li>4)HIKIDA Muneo</li> <li>5)YAMADA Mototsugu</li> <li>6)ABE Takao</li> </ul>
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(57) Abstract :

The purpose of the present invention is to provide a novel NDM (New Delhi metallo lactamase) inhibitor as a drug for restoring the antibacterial activity of a lactam antibiotic that has been inactivated due to degradation by NDM. The present invention provides an NDM inhibitor containing a compound represented by general formula (I).

No. of Pages : 59 No. of Claims : 13

(22) Date of filing of Application :24/01/2014

(43) Publication Date : 09/01/2015

#### INTERRUPTION OF SIGNAL TRANSMISSION (51) International classification :H04W72/12 (71)Name of Applicant : (31) Priority Document No 1)TELEFONAKTIEBOLAGET L M ERICSSON (PUBL) :61/564663 (32) Priority Date :29/11/2011 Address of Applicant :SE 164 83 Stockholm Sweden (33) Name of priority country (72)Name of Inventor: :U.S.A. (86) International Application No 1)KAZMI Muhammad :PCT/SE2012/051151 Filing Date :25/10/2012 2)MLLER Walter (87) International Publication No :WO 2013/081525 **3)AXMON Joakim** (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(54) Title of the invention : METHOD AND APPARATUS FOR OPERATING CONFIGURATION ADAPTATION FOR

#### (57) Abstract :

The operating configuration at a node in a wireless communication network at a neighboring node in the network and/or at one or more wireless devices supported by the network is updated based on determining timing information for an impending interruption of a radio link in the network to avoid erroneous operation during the impending interruption which interruption is associated with an external system. The determination of interruption timing which may be inferred e.g. from detecting prior interruptions or which may be known from information about the external system and the modification of the operating configuration(s) permits the network to operate with greater stability control and accuracy during the interruptions than would be possible if the interruptions were simply treated as intermittent radio link failures.

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

(21) Application No.628/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :27/01/2014

(43) Publication Date : 09/01/2015

#### (54) Title of the invention : RAZOR BLADES WITH ALUMINUM MAGNESIUM BORIDE (ALMGB14) BASED COATINGS (51) International classification :B26B21/60 (71)Name of Applicant : (31) Priority Document No **1)THE GILLETTE COMPANY** :61/515597 (32) Priority Date Address of Applicant :World Shaving Headquarters IP/Legal :05/08/2011 (33) Name of priority country Patent Department 3E One Gillette Park Boston Massachusetts :U.S.A. (86) International Application No :PCT/US2012/049137 02127 U.S.A. (72)Name of Inventor : Filing Date :01/08/2012 (87) International Publication No :WO 2013/022668 1) DUFF Jr. Ronald Richard (61) Patent of Addition to Application 2)PARKER Jeffrey Stuart :NA Number 3)JU Yongqin :NA Filing Date 4)WANG Xiandong (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

This invention relates to a novel application of hard low friction aluminum magnesium boride (AlMgB also known as BAM) based ceramic coatings to surfaces of razor components and in particular to blade edges of razor blades. On razor blade edges these coatings may elevate blade performance while also simplifying the manufacturing process.

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

(22) Date of filing of Application :29/01/2014

(43) Publication Date : 09/01/2015

(54) Title of the invention : PERIPHERAL METHOD OF CONTROLLING PERIPHERAL AND FIRMWARE DOWNLOADING SYSTEM

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No</li> <li>Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to</li> <li>Application Number Filing Date</li> <li>(62) Divisional to Application</li> </ul>	:PCT/JP2012/071564 :27/08/2012 :WO 2013/031719 :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)NIDEC SANKYO CORPORATION <ul> <li>Address of Applicant :5329 Shimosuwa machi Suwa gun</li> </ul> </li> <li>Nagano 3938511 Japan <ul> <li>(72)Name of Inventor :</li> <li>1)ORII Tsutomu</li> </ul> </li> </ul>
Number Filing Date	:NA :NA	

#### (57) Abstract :

The present invention provides a peripheral wherein program data compliant with an old type peripheral can be prevented from being downloaded onto a new type peripheral from an upper level apparatus and failure of a system including the peripheral can be avoided. For example a peripheral (3A) that can download firmware program data from an upper level apparatus (2) overwrites when overwrite permission data for permitting program data stored in the peripheral (3A) to be overwritten with program data stored in the upper level apparatus (2) is included in a download file (7) stored in the upper level apparatus (2) the program data stored in the peripheral (3A) with program data downloaded from the upper level apparatus (2) and returns a normal data overwriting completion response to the upper level apparatus (2) and when the overwrite permission data is not included in the download file (7) the peripheral (3A) returns the normal data overwriting completion response to the upper level apparatus (2) without overwriting the program data stored in the peripheral (3A) with program data downloaded from the upper level apparatus (2) without overwriting the program data stored in the peripheral (3A) with program data downloaded from the upper level apparatus (2).

No. of Pages : 33 No. of Claims : 6

(22) Date of filing of Application :03/02/2014

(43) Publication Date : 09/01/2015

(54) Title of the invention : SURFACE MODIFIED WC BASED CEMENTED CARBIDE MEMBER HARD FILM COATED WC BASED CEMENTED CARBIDE MEMBER METHOD FOR PRODUCING SURFACE MODIFIED WC BASED CEMENTED CARBIDE MEMBER AND METHOD FOR PRODUCING HARD FILM COATED WC BASED CEMENTED CARBIDE MEMBER

<ul><li>(31) Priority Document No</li><li>(32) Priority Date</li></ul>	n:B23B27/14,B23B51/00,B23C5/16 :2011168657 :01/08/2011 :Japan	<ul> <li>(71)Name of Applicant :</li> <li>1)Hitachi Tool Engineering Ltd. Address of Applicant :2 1 Shibaura 1 chome Minato ku Tokyo 1050023 Japan</li> </ul>
<ul> <li>(86) International Application</li> <li>No</li> <li>Filing Date</li> <li>(87) International Publication</li> <li>No</li> </ul>	:PCT/JP2012/069358 :30/07/2012 :WO 2013/018768	<ul><li>(72)Name of Inventor :</li><li>1)ISAKA Masakazu</li><li>2)FUJII Fumihiro</li></ul>
<ul> <li>(61) Patent of Addition to</li> <li>Application Number</li> <li>Filing Date</li> <li>(62) Divisional to Application</li> </ul>	:NA :NA	
Number Filing Date	:NA :NA	

(57) Abstract :

A modification phase having a bcc structure is formed on the surface of a WC based cemented carbide base by subjecting the base surface to an ion bombardment treatment of Cr or the like in a gas that is mainly composed of nitrogen and a hard film containing at least Cr is formed on the modification phase. Consequently the base and the hard film have high adhesion to each other due to the modification phase.

No. of Pages : 45 No. of Claims : 13

(22) Date of filing of Application :21/01/2014

(43) Publication Date : 09/01/2015

#### (54) Title of the invention : PROCESS FOR THE PRODUCTION OF A RAPID HYDRAULIC BINDER

(57) Abstract :

The present invention relates to a process for the production of a hydraulic binder said process comprising co grinding a clinker and 0.1 to 5% by dry mass relative to the mass of clinker of a material comprising more than 15% by mass of calcium silicate hydrate relative to the solid fraction of the material.

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

(21) Application No.502/DELNP/2014 A

(19) INDIA

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

(43) Publication Date : 09/01/2015

### (54) Title of the invention : FERMENTATION OF GLYCEROL TO ORGANIC ACIDS

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No</li> <li>Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to</li> <li>Application Number</li> <li>Filing Date</li> <li>(62) Divisional to Application</li> </ul>	:NA :NA :NA :NA :PCT/US2011/045001 :22/07/2011 :WO 2013/015770 :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)MYRIANT CORPORATION <ul> <li>Address of Applicant :66 Cummings Park Woburn MA 01801</li> <li>U.S.A.</li> <li>(72)Name of Inventor :</li> <li>1)YOCUM R. Rogers</li> <li>2)HERMANN Theron</li> <li>3)YU Xiaohui</li> </ul> </li> </ul>
Number Filing Date	:NA :NA	

(57) Abstract :

The present invention is in the field of producing organic acids and other useful chemicals via biological fermentation using glycerol as a source of carbon. Novel microorganisms and fermentation processes are described that are capable of converting glycerol to useful organic acids in high yield and high purity.

No. of Pages : 57 No. of Claims : 22

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

(43) Publication Date : 09/01/2015

### (54) Title of the invention : ACID ADDITION SALT OF DONEPEZIL AND PHARMACEUTICAL COMPOSITION THEREOF

<ul><li>(51) International</li><li>classification</li><li>(31) Priority Document No</li><li>(32) Priority Date</li></ul>	:C07D211/32,A61K31/445,A61K9/14 :1932/MUM/2011 :05/07/2011	<ul> <li>(71)Name of Applicant :</li> <li>1)TORRENT PHARMACEUTICALS LTD Address of Applicant :Torrent House off Ashram Road Near Dinesh Hall GUJARAT 380 009 Ahmedabad Gujarat India</li> </ul>
(33) Name of priority country	India	(72)Name of Inventor : 1)NADKARNI Sunil Sadanand
(86) International Application No Filing Date	:PCT/IB2012/001307 :03/07/2012	2)GUPTA Arunkumar 3)ABRAHAM Jaya 4)PARIKH Manish
(87) International Publication No	:WO 2013/005094	5)SUTHAR Mahesh 6)MANAVADARIYA Bipin
(61) Patent of Addition to Application Number Filing Date	:NA :NA	7)MISHRA Vivek
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Disclosed is an acid addition salt of donepezil wherein acid counterion is selected from the group consisting of pamoic acid cypionic acid camphor sulfonic acid enanthic acid fusidic acid gluceptic acid gluconic acid lactobionic acid lauric acid valeric acid Dibenzoyl D Tartaric acid and terephthalic acid. Disclosed is a process for the preparation and pharmaceutical composition comprising the same. More specifically disclosed is concerned with the pamoate acid addition salts of donepezil. Disclosed also is long acting formulation comprising the acid addition salt of donepezil and process for the preparation thereof.

No. of Pages : 41 No. of Claims : 15

(19) INDIA

(22) Date of filing of Application :28/01/2014

(43) Publication Date : 09/01/2015

#### (51) International classification :A47J31/40,A47J31/44 (71)Name of Applicant : (31) Priority Document No 1)NESTEC S.A. :11175675.5 (32) Priority Date Address of Applicant : Av. Nestl 55 CH 1800 Vevey :28/07/2011 (33) Name of priority country :EPO Switzerland (86) International Application No (72)Name of Inventor : :PCT/EP2012/064465 1)REY Cdric Filing Date :24/07/2012 (87) International Publication No :WO 2013/014142 2)SCORRANO Lucio (61) Patent of Addition to Application 3)ZSOLT Albert :NA Number

#### (54) Title of the invention : BEVERAGE DISPENSER WITH IMPROVED REFILLING OPERATION

:NA

:NA

:NA

(57) Abstract :

Filing Date

Filing Date

The invention concerns a beverage dispenser comprising : a housing (1) at least two refillable containers (2) for storing bulk beverage ingredients at least a beverage preparation unit (3) operatively linked to the containers for preparing a beverage from at least one of the stored bulk beverage ingredients a sub housing (4) in which the containers are placed said sub housing being removable from the housing.

No. of Pages : 25 No. of Claims : 15

(62) Divisional to Application Number

(19) INDIA

(22) Date of filing of Application :03/02/2014

(43) Publication Date : 09/01/2015

#### (54) Title of the invention : UREA REACTOR TRAY REACTOR AND PRODUCTION PROCESS (51) International classification :B01D3/00,B01D3/22 (71)Name of Applicant : (31) Priority Document No 1)SAIPEM S.p.A. :MI2011A001299 (32) Priority Date Address of Applicant : Via Martiri di Cefalonia 67 San Donato :12/07/2011 (33) Name of priority country :Italy Milanese Italy (86) International Application No :PCT/IB2012/053421 (72)Name of Inventor : Filing Date :04/07/2012 1)AVAGLIANO Ugo (87) International Publication No :WO 2013/008147 2)CARLESSI Lino (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

A urea reactor tray (4) having a base plate (10); and a number of hollow cup shaped members (11 11A) which project vertically from the base plate (10) along respective substantially parallel axes (A) perpendicular to the base plate (10) and have respective substantially concave inner cavities (17 37) communicating with respective openings (15) formed in the base plate (10); the tray (4) having a number of first cup shaped members (11) each of which extends axially between an open top end (21) having the opening (15) and a closed bottom end (22) and has a lateral wall (23) with through holes (25) substantially crosswise to the axis (A) and a bottom wall (24) which closes the closed bottom end (22) and has no holes.

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

(22) Date of filing of Application :03/02/2014

(43) Publication Date : 09/01/2015

## (54) Title of the invention : PROCESS FOR THE IMPREGNATION OF AIR CORE REACTORS IMPREGNATED AIR CORE REACTOR AND USE OF AN IMPREGNATION SYSTEM

<ul><li>(51) International</li><li>classification</li><li>(31) Priority Document No</li></ul>		(71)Name of Applicant : 1)HUNTSMAN ADVANCED MATERIALS (SWITZERLAND) GMBH
(32) Priority Date	:31/08/2011	Address of Applicant :Klybeckstr. 200 CH 4057 Basel
(33) Name of priority country	y:EPO	Switzerland
(86) International Application No Filing Date	:PCT/EP2012/062452 :27/06/2012	<ul><li>(72)Name of Inventor :</li><li>1)BEIGEL Astrid</li><li>2)BEISELE Christian</li></ul>
(87) International Publication No	<sup>1</sup> :WO 2013/029832	3)MASSEN Ulrich
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The invention relates to a process for the impregnation of air core reactors or parts of air core reactors and impregnated air core reactors or parts thereof obtainable by said process.

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

(19) INDIA

(22) Date of filing of Application :20/02/2014

(43) Publication Date : 09/01/2015

:F16J15/34	(71)Name of Applicant :
:20115830	1)SULZER PUMPEN AG
:26/08/2011	Address of Applicant :Z <sup>1</sup> / <sub>4</sub> rcherstrasse 12 CH 8401 Winterthu
:Finland	Switzerland
:PCT/EP2012/066012	(72)Name of Inventor :
:16/08/2012	1)MANNINEN Heikki
:WO 2013/030004	2)PEURU Jyri
·NI A	
INA	
:NA	
:NA	
	:20115830 :26/08/2011 :Finland :PCT/EP2012/066012 :16/08/2012 :WO 2013/030004 :NA :NA :NA

### (54) Title of the invention : APPARATUS FOR PUMPING A FLUID

(57) Abstract :

The present invention relates to a slide ring seal for apparatuses used for pumping fluids such as liquid gas or the mixtures of the above and solids especially for blowers and pumps. The invention may also be applied to axial sealing of the shafts of other apparatuses. The slide ring seal comprises a first rotating slide surface (1) having a first diameter and being arranged to rotate with a rotating pumping means (18) and a second rotating slide ring (6) having a second diameter and being arranged to rotate with a rotating pumping means (18). The first stationary slide surface (2) is arranged against the first rotating slide surface (1) and fastened to a stationary structure and the second stationary slide surface (7) is arranged against the second rotating slide surface (6) and fastened to a stationary structure. The diameter of the second stationary slide surface (6) is larger than that of the first one (1) and these slide surfaces (1 6) are arranged onto a rotating shaft (19) so that the second slide surface (6) is located farther from the central axis of the rotating shaft (19) than the first one and the stationary slide surfaces are arranged against the rotating slide surfaces.

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

(22) Date of filing of Application :23/01/2014

(43) Publication Date : 09/01/2015

#### (54) Title of the invention : AN ASSEMBLY FOR URINARY DRAINAGE

(57) Abstract :

The present invention provides an assembly for urinary drainage. The assembly comprises a urinary drainage device for collecting urine from a body opening and a collecting bag for collecting the urine. The collecting bag comprises a compartment between sheets of a foil material and an inlet into the compartment which inlet is connected to the device such that a urinary flow can be established in a flow path from the device through the inlet and into the compartment. The collecting bag further comprises a flow promoting element arranged between the sheets and having flow promoting properties. The collecting may also comprise suction means for providing suction through a flow path in the collecting bag.

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

(22) Date of filing of Application :03/02/2014

(43) Publication Date : 09/01/2015

## (54) Title of the invention : HIGH STRENGTH ZINC PLATED STEEL SHEET AND HIGH STRENGTH STEEL SHEET HAVING SUPERIOR MOLDABILITY AND METHOD FOR PRODUCING EACH

<ul><li>(51) International classification</li><li>(31) Priority Document No</li><li>(32) Priority Date</li><li>(33) Name of priority country</li></ul>	:C22C38/00,B21B3/00,C21D9/46 :2011167722 :29/07/2011 :Japan	<ul> <li>(71)Name of Applicant :</li> <li>1)NIPPON STEEL &amp; SUMITOMO METAL</li> <li>CORPORATION</li> <li>Address of Applicant :6 1 Marunouchi 2 chome Chiyoda ku</li> </ul>
<ul> <li>(86) International Application</li> <li>No</li> <li>Filing Date</li> <li>(87) International Publication</li> <li>No</li> <li>(61) Patent of Addition to</li> <li>Application Number</li> </ul>	:PCT/JP2012/069223 :27/07/2012 :WO 2013/018722 :NA :NA	Tokyo 1008071 Japan (72)Name of Inventor : 1)KAWATA Hiroyuki 2)MARUYAMA Naoki 3)MURASATO Akinobu 4)MINAMI Akinobu 5)YASUI Takeshi
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA	6)YAMAGUCHI Yuji 7)SUGIURA Natsuko

(57) Abstract :

This high strength zinc plated steel sheet and high strength steel sheet having superior moldability and obtaining superior ductility and stretch flanging properties while securing the high strength of a maximum tensile strength of at least 900 MPa have a predetermined component composition the steel sheet structure containing 1 20% by volume fraction of a residual austenite phase the martensite transformation point of the residual austenite phase being no greater than 60°C.

No. of Pages : 69 No. of Claims : 10

(19) INDIA

(22) Date of filing of Application :04/02/2014

(43) Publication Date : 09/01/2015

:A44B11/25	(71)Name of Applicant :
:61/505817	1)CARLETON LIFE SUPPORT SYSTEMS INC.
:08/07/2011	Address of Applicant :2734 Hickory Grove Road Davenpor
:U.S.A.	IA 5280 U.S.A.
:PCT/US2012/045808	(72)Name of Inventor :
:06/07/2012	1)FLEMING John
:WO 2013/009638	
·N A	
INA	
:NA	
:NA	
	:61/505817 :08/07/2011 :U.S.A. :PCT/US2012/045808 :06/07/2012 :WO 2013/009638 :NA :NA :NA

### (54) Title of the invention : RESTRAINT SYSTEM WITH DUAL RELEASE MECHANISMS

(57) Abstract :

Disclosed is a restraint system for a vehicle. A crewmember or occupant is interconnected to the restraint system by way of a strap. The strap has two separate and independently operable release mechanisms. The strap permits the occupant to be either manually or automatically released from the associated restraint. The restraint can be mounted within any of a variety of land sea air or space based vehicles. In one non limiting embodiment the first release mechanism is automatically activated in response to a triggering event and the second release mechanism is manually activated by the occupant pulling on a lanyard.

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

(21) Application No.601/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :24/01/2014

(43) Publication Date : 09/01/2015

(51) International classification	:G06Q30/00	(71)Name of Applicant :
(31) Priority Document No	:13/191585	1)AMAZON TECHNOLOGIES INC.
(32) Priority Date	:27/07/2011	Address of Applicant : P.O. Box 8102 Reno NV 89507 U.S.A.
(33) Name of priority country	:U.S.A.	(72)Name of Inventor :
(86) International Application No	:PCT/US2012/047797	1)EVANS Ethan Z.
Filing Date	:23/07/2012	
(87) International Publication No	:WO 2013/016259	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

### (54) Title of the invention : REMOTELY PRECONFIGURING A COMPUTING DEVICE

(57) Abstract :

Disclosed are various embodiments for preconfiguring a computing device remotely. A virtualized version of a computing device may be executed remotely and preconfigured by a user. The configuration of the virtualized version of the computing device may then be replicated to a physical version of the computing device. Alternatively the physical version of the computing device may be executed remotely and preconfigured directly by the user.

No. of Pages : 56 No. of Claims : 15

(19) INDIA

(22) Date of filing of Application :27/01/2014

(43) Publication Date : 09/01/2015

### (54) Title of the invention : DEVICE FOR APPLYING ADJUNCT IN ENDOSCOPIC PROCEDURE

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application <ul> <li>Number</li> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application Number <ul> <li>Filing Date</li> </ul> </li> </ul>	:A61B17/072 :13/206752 :10/08/2011 :U.S.A. :PCT/US2012/050232 :10/08/2012 :WO 2013/023114 :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)ETHICON ENDO SURGERY INC. Address of Applicant :4545 Creek Road Cincinnati OH 45242</li> <li>U.S.A.</li> <li>(72)Name of Inventor :</li> <li>1)BEAR Brian W.</li> <li>2)LE Thu Anh</li> <li>3)LYTLE Thomas W. IV</li> <li>4)OVERMYER Mark D.</li> <li>5)SETSER Michael</li> <li>6)SMITH Bret W.</li> <li>7)ZAVATSKY Joseph</li> <li>8)MODI Kreena</li> </ul>
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#### (57) Abstract :

A modular end effector delivers a therapeutic agent onto tissue that has been severed and/or stapled. The end effector is removably attached to a device. The device applies force to a piston of the end effector. The force causes a distal movement of a piston along a wall disposed within the end effector. The piston engages with agents stored on opposite sides of the wall moving the agents distally to a mixture space. The agents are mixed in the mixture space and expelled through a tip. Staples may be embedded in or disposed below a foam block which is disposed within a staple cartridge. Via an endoscopic stapling device coated staples are driven through tissue while interacting with another agent on the device or the cartridge. The interaction forms a tissue restoring material that is applied onto the tissue.

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

(22) Date of filing of Application :29/01/2014

(43) Publication Date : 09/01/2015

## (54) Title of the invention : EMULSIONS COMPRISING CAROTENOID FOR TRANSPARENT AND PASTEURIZATION STABLE LIQUID FORMULATIONS ESPECIALLY BEVERAGES

<ul><li>(51) International classification</li><li>(31) Priority Document No</li><li>(32) Priority Date</li><li>(33) Name of priority country</li></ul>	n:A23L1/035,A23L1/275,A23L1/30 :11177316.4 :11/08/2011 :EPO	<ul> <li>(71)Name of Applicant :</li> <li>1)DSM IP ASSETS B.V. Address of Applicant :Het Overloon 1 NL 6411 The Heerlen Netherlands</li> </ul>
<ul> <li>(86) International Application</li> <li>No</li> <li>Filing Date</li> <li>(87) International Publication</li> <li>No</li> </ul>	:PCT/EP2012/065652 :10/08/2012 :WO 2013/021041	(72)Name of Inventor : 1)BADOLATO B–NISCH Gabriela 2)GRASS Hansjoerg
<ul> <li>(61) Patent of Addition to</li> <li>Application Number</li> <li>Filing Date</li> <li>(62) Divisional to Application</li> <li>Number</li> <li>Filing Date</li> </ul>	:NA :NA :NA :NA	

(57) Abstract :

The present invention to stable carotenoid emulsions which when used in a liquid formulation (especially a beverage such as a soft drink) allows to obtain transparent formulation (even after pasteurization).

No. of Pages : 28 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION (19) INDIA		(21) Application No.782/DELNP/2014 A	
(22) Date of filing of Application :03/02/2014		(43) Publication Date : 09/01/2015	
(54) Title of the invention : FILM			
<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application <ul> <li>Number</li> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application Number <ul> <li>Filing Date</li> </ul> </li> </ul>	:B32B27/32 :11176472.6 :03/08/2011 :EPO :PCT/EP2012/065001 :01/08/2012 :WO 2013/017615 :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)BOREALIS AG Address of Applicant :IZD Tower Wagramerstrasse 17 19 A 1220 Vienna Austria</li> <li>(72)Name of Inventor :</li> <li>1)NIEDERSSS Peter</li> </ul>	

(57) Abstract :

An asymmetric blown multilayer film comprising at least two layers an outer polypropylene containing layer and an outer sealing layer; said outer polypropylene layer comprising at least one polypropylene random copolymer; said sealing layer comprising at least one LLDPE having an MFR of at least 2 g/10min; wherein at least 18% of total thickness of the film derives from the sealing layer.

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

(21) Application No.794/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :03/02/2014

(43) Publication Date : 09/01/2015

(51) International classification	:C10L3/08	(71)Name of Applicant :
(31) Priority Document No	:61/524536	1)GREATPOINT ENERGY INC.
(32) Priority Date	:17/08/2011	Address of Applicant :222 Third Street Suite 2163 Cambridge
(33) Name of priority country	:U.S.A.	MA 02142 U.S.A.
(86) International Application No	:PCT/US2012/050959	(72)Name of Inventor :
Filing Date	:15/08/2012	1)SIRDESHPANDE Avinash
(87) International Publication No	:WO 2013/025812	
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		1

### (54) Title of the invention : HYDROMETHANATION OF A CARBONACEOUS FEEDSTOCK

(57) Abstract :

The present invention relates to processes for hydromethanating a carbonaceous feedstock to a methane product stream and electrical power in which heat energy from the hot methane enriched synthesis gas is used to generate a dry saturated steam stream the dry saturated steam stream is converted into a superheated steam stream via pressure drop for feeding into the hydromethanation reactor to satisfy the steam demand of the hydromethanation reaction and heat generated from a downstream gas methanation processing is recovered to produce a superheated process steam stream which is used to generate the electric power.

No. of Pages : 58 No. of Claims : 8

#### (19) INDIA

(22) Date of filing of Application :04/02/2014

#### (43) Publication Date : 09/01/2015

(54) Title of the invention : TRAIN CON	TROL SYSTEM	
<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:G06F17/00 :NA :NA :NA :PCT/US2012/038359 :17/05/2012 :WO 2013/172840 :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)NEW YORK AIR BRAKE CORPORATION Address of Applicant :748 Starbuck Avenue Watertown New York 13601 U.S.A.</li> <li>(72)Name of Inventor :</li> <li>1)MATUSIAK Richard J.</li> <li>2)GOFORTH Wade</li> <li>3)HORST Folkert</li> </ul>

(57) Abstract :

A train control system in particular to a train control system for a train consist using a Distributed Power (DP) technology. This technology refers to the placement and operation of one or more groups of locomotives which are distributed throughout a train consist including a multiple railcars and multiple locomotives. These locomotives are remotely controlled from the cab in the leading locomotive (i.e. the Lead locomotive (LL)).

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

(19) INDIA

(22) Date of filing of Application :03/02/2014

#### (43) Publication Date : 09/01/2015

#### (54) Title of the invention : SHOCK ABSORBING MEMBER (51) International classification :F16F7/12,B62D21/15,B62D25/20 (71)Name of Applicant : **1)NIPPON STEEL & SUMITOMO METAL** (31) Priority Document No :2011174200 (32) Priority Date :09/08/2011 **CORPORATION** (33) Name of priority country Address of Applicant :6 1 Marunouchi 2 chome Chiyoda ku :Japan (86) International Application Tokyo 1008071 Japan :PCT/JP2012/070109 No (72)Name of Inventor : :07/08/2012 1)HIROSE Satoshi Filing Date (87) International Publication :WO 2013/022001 No (61) Patent of Addition to :NA Application Number :NA Filing Date (62) Divisional to Application :NA Number :NA Filing Date

(57) Abstract :

A hollow columnar shock absorbing member (1) having an axis line (O) a plurality of rectangular walls (1a 1b 1c 1d) extending parallel to the axis line and a polygonal cross section perpendicular to the axis line (O) said shock absorbing member (1) extending in the direction of the axis line (O) and absorbing externally applied impact energy while buckling in the direction of the axis line (O). The shock absorbing member (1) is provided with at least one bead (2a 2b 2c 2d) formed on at least one wall (1a 1b 1c 1d) among the plurality of walls (1a 1b 1c 1d) said at least one bead (2a 2b 2c 2d) providing the origin of the buckling. The at least one bead (2a 2b 2c 2d) is arranged so as to be biased towards one edge extending parallel to the axis line (O) of the wall (1a 1b 1c 1d) on which the bead (2a 2b 2c 2d) is formed.

No. of Pages : 49 No. of Claims : 10

#### (19) INDIA

(22) Date of filing of Application :04/02/2014

#### (43) Publication Date : 09/01/2015

#### (54) Title of the invention : DRIVING ASSISTANCE DEVICE

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application</li> <li>No <ul> <li>Filing Date</li> <li>(87) International Publication</li> <li>No</li> <li>(61) Patent of Addition to</li> </ul> </li> <li>Application Number <ul> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application</li> <li>Number <ul> <li>Filing Date</li> </ul> </li> </ul>	:G08G1/16,B60R21/00,B60T7/12 :NA :NA :NA :PCT/JP2011/068298 :10/08/2011 :WO 2013/021491 :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)TOYOTA JIDOSHA KABUSHIKI KAISHA Address of Applicant :1 Toyota cho Toyota shi Aichi 4718571 Japan</li> <li>(72)Name of Inventor :</li> <li>1)NAGATA Shinichi</li> </ul>
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(57) Abstract :

This driving assistance device is provided with: a blind spot recognition unit which recognizes a blind spot of a driver in the direction of travel of a vehicle; a moving body information configuration unit which configures moving body information which includes at least the estimated speed of a moving body as information regarding a moving body with the potential for darting out from a blind spot; a speed region calculation unit which calculates on the basis of the moving body information configured by the moving body information configuration unit a speed region for the vehicle in which there is a possibility of the vehicle making contact with a moving object coming from a blind spot when the vehicle advances in the direction of travel; and a target speed calculation unit which calculates a vehicle target speed on the basis of the speed region.

No. of Pages : 51 No. of Claims : 13

(19) INDIA

(22) Date of filing of Application :04/02/2014

(43) Publication Date : 09/01/2015

## (54) Title of the invention : METHOD FOR PROFILING A REPLACEMENT BLADE AS A REPLACEMENT PART FOR AN OLD BLADE FOR AN AXIAL TURBOMACHINE

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:11180679.0 :09/09/2011 :EPO	<ul> <li>(71)Name of Applicant :</li> <li>1)SIEMENS AKTIENGESELLSCHAFT <ul> <li>Address of Applicant :Wittelsbacherplatz 2 80333 M¼nchen</li> </ul> </li> <li>Germany </li> <li>(72)Name of Inventor : <ul> <li>1)CORNELIUS Christian</li> <li>2)MATTHIAS Torsten</li> </ul> </li> </ul>
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#### (57) Abstract :

The invention relates to a method for profiling a replacement blade (1) for an axial turbomachine comprising the steps of: measuring the hub contour geometry (5) and the housing contour geometry (6) of the flow channel of the old blade (11) as well as the axial position of the centre of gravity of the blade aerofoil of the old blade (11); laying out the geometry of the blade aerofoil (2) of the replacement blade (1) said blade aerofoil (2) having a rearward sweep (14) on its leading edge (7); defining a region (21) of the blade aerofoil (2) which is near the mounting and in which the positive influence of the rearward sweep (14) on the degree of stage efficiency is rated as low; and axially displacing the replacement blade (1) aerofoil section that is arranged outside this region (21) in the upstream direction until the axial position of the centre of gravity of the blade aerofoil (2) of the replacement blade (1). In the region (21) from the mounting side section (5) to the displaced blade aerofoil section of the replacement blade (2) the leading edge (7) is inclined downstream towards the mounting such that the blade aerofoil (2) has a transition sweep (19) in this region (21).

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

(22) Date of filing of Application :04/02/2014

(43) Publication Date : 09/01/2015

# (54) Title of the invention : IMPLEMENTING A 3G PACKET CORE IN A CLOUD COMPUTER WITH OPENFLOW DATA AND CONTROL PLANES

classification (31) Priority Document No :11 (32) Priority Date :29 (33) Name of priority :U (33) Name of priority :U (34) Name of priority :U (35) Name of priority :U (36) International :P (37) International :P (37) International :W (37) International :W (37) International :W (38) International :W (39) Patent of Addition to :N (30) Patent of Addition to :N (31) Patent of Addition to :N (32) Priority Date :N (32) Priority Date :N (32) Priority Date :N (32) Priority Date :N (33) Name of priority :U (33) Name of priority :U (34) Priority Date :N (35) Priority Date :N (36) International :P (37) Priority :U (36) International :P (37) Priority :U (36) International :P (37) Priority :U (37) Priority :U (38) Priority :U	13/220471	<ul> <li>(71)Name of Applicant :</li> <li>1)TELEFONAKTIEBOLAGET L M ERICSSON (PUBL) Address of Applicant :S 164 83 Stockholm Sweden</li> <li>(72)Name of Inventor :</li> <li>1)KEMPF James</li> <li>2)BEHESHTI ZAVAREH Neda</li> <li>3)ZHANG Ying</li> <li>4)NILSSON Tord K.</li> <li>5)JOHANSSON Bengt E.</li> <li>6)PETTERSSON Sten Rune</li> <li>7)LUNING Harald</li> </ul>
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(57) Abstract :

A method for implementing a general packet radio service (GPRS) tunnel protocol (GTP) in a packet core (PC) of a third generation (3G) network having a split architecture where a control plane of the PC of the 3G network is in a cloud computing system the cloud computing system including a controller the controller to execute a plurality of control plane modules the control plane to communicate with the data plane of the PC through a control plane protocol the data plane implemented in a plurality of network elements of the 3G network by configuring switches implementing a data plane of the SGSN and GGSN and intermediate switches to establish a first and second GTP tunnel endpoint.

No. of Pages : 67 No. of Claims : 14

(19) INDIA

(22) Date of filing of Application :24/01/2014

#### (43) Publication Date : 09/01/2015

(54) Title of the invention : ELEVATOR ROLLER GUIDE		
<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:B66B7/04,B66B11/02 :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)OTIS ELEVATOR COMPANY Address of Applicant :10 Farm Springs Farmington Connecticut 06032 U.S.A.</li> <li>(72)Name of Inventor :</li> <li>1)FARGO Richard N.</li> <li>2)PITTS John T.</li> <li>3)HUBBARD James L.</li> </ul>

(57) Abstract :

An exemplary vertically moveable elevator system component includes a top portion a bottom portion and a plurality of vertically oriented side portions between the top and bottom portions. At least one of the side portions includes a roller guide support sheet. A first roller guide roller is supported by the sheet such that the first roller is at least partially disposed on a first side of the sheet and an axis of the first roller is generally parallel with the sheet. Second and third rollers are supported by the sheet such that the second and third rollers are on a second oppositely facing side of the sheet. An axis of each of the second and third rollers is generally perpendicular to the axis of the first roller. The axis of each of the second and third roller remains in a fixed position relative to the sheet.

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

(22) Date of filing of Application :27/01/2014

(43) Publication Date : 09/01/2015

## (54) Title of the invention : COMPOUNDS CAPABLE OF UNDERGOING SYMMETRY BREAKING INTRAMOLECULAR CHARGE TRANSFER IN A POLARIZING MEDIUM AND ORGANIC PHOTOVOLTAIC DEVICES COMPRISING THE SAME

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:H01L51/00 :61/514079 :02/08/2011 :U.S.A. :PCT/US2012/049304 :02/08/2012 :WO 2013/066453 :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)UNIVERSITY OF SOUTHERN CALIFORNIA Address of Applicant :3740 McClintock Avenue Los Angeles</li> <li>CA 90089 2561 U.S.A.</li> <li>2)THE REGENTS OF THE UNIVERSITY OF MICHIGAN</li> <li>(72)Name of Inventor :</li> <li>1)THOMPSON Mark E.</li> <li>2)WHITED Matthew T.</li> <li>3)PATEL Niral M.</li> <li>4)DJUROVICH Peter I.</li> <li>5)FORREST Stephen R.</li> <li>6)ALLEN Kathryn R.</li> <li>7)TRINH Cong</li> </ul>
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(57) Abstract :

The present disclosure generally relates to chromophoric compounds that combine strong absorption of light at visible wavelengths with the ability to undergo symmetry breaking intramolecular charge transfer (ICT) and their use for the generation of free carriers in organic photovoltaic cells (OPVs) and electric field stabilized geminate polaron pairs. The present disclosure also relates to the synthesis of such compounds methods of manufacture and applications in photovoltaic systems and organic lasers.

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

(22) Date of filing of Application :29/01/2014

(43) Publication Date : 09/01/2015

## (54) Title of the invention : NUTRITIONAL COMPOSITIONS COMPRISING A SOLUBLE VISCOUS FIBER AND A POLYPHENOL CONTAINING PLANT EXTRACT

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(33) Name of priority country</li> <li>(33) Name of priority country</li> <li>(34) International Application No</li> <li>Filing Date</li> <li>(87) International Publication No</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> <li>(61) Patent</li> <li>(62) Divisional to Application Number Filing Date</li> <li>(63) Divisional to Application Number SinA</li> <li>(64) Patent of Addition to</li> <li>(65) Divisional to Application Number SinA</li> <li>(66) Divisional to Application Number SinA</li> <li>(61) Patent of Application Number SinA</li> <li>(62) Divisional to Application Number SinA</li> <li>(63) Divisional to Application SinA</li> <li>(64) Divisional to Application SinA</li> <li>(65) Divisional to Application SinA</li> <li>(65) Divisional to Application SinA</li> <li>(7) SinA&lt;</li></ul>	<ul> <li>(71)Name of Applicant :</li> <li>1)ABBOTT LABORATORIES <ul> <li>Address of Applicant :100 Abbott Park Road Dept. 0377</li> </ul> </li> <li>AP6A 1 Abbott Park IL 60064 U.S.A.</li> <li>(72)Name of Inventor : <ul> <li>1)SKELDING Mary Beth</li> <li>2)EDENS Neile K.</li> <li>3)MUSTAD Vikkie A.</li> </ul> </li> </ul>
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### (57) Abstract :

Disclosed are nutritional compositions comprising a soluble viscous fiber and a polyphenol containing plant extract. The viscosity of the nutritional compositions may be adjusted and controlled without varying the concentration of the soluble viscous fiber in the composition by including the polyphenol containing plant extract.

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

(21) Application No.822/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :04/02/2014

(43) Publication Date : 09/01/2015

(51) International classification	:B23C5/20	(71)Name of Applicant :
(31) Priority Document No	:GM 469/2011	1)CERATIZIT AUSTRIA GESELLSCHAFT M.B.H.
(32) Priority Date	:26/08/2011	Address of Applicant : A 6600 Reutte Austria
(33) Name of priority country	:Austria	(72)Name of Inventor :
(86) International Application No	:PCT/AT2012/000220	1)DIEPOLD Anton
Filing Date	:23/08/2012	
(87) International Publication No	:WO 2013/029072	
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (54) Title of the invention : DOUBLE SIDED CUTTING INSERT FOR MILLING

(57) Abstract :

The invention relates to a double sided cutting insert (1) for milling in particular for face milling. A first cutting edge (8) and a second cutting edge (10) each have: main cutting blades (12) and auxiliary cutting blades (14) which are arranged in an alternating manner and each of which extends between an active cutting corner (16) and a passive cutting corner (18). Each main cutting blade (12) extends starting with a first distance (A1) to the reference plane (R) at an active cutting corner (16) to a smaller second distance (A2) to the reference plane (R) at a passive cutting corner (18) in a monotonically decreasing manner. Each auxiliary cutting blade (14) end adjoining the active cutting corner (16) has a greater distance (A3) to the reference plane (R) than the other auxiliary cutting blade (14) end further away from the active cutting corner (16). Each circumferential lateral surface (6) has a flat auxiliary free surface (24) directly adjacent to the auxiliary cutting blade (14) and each auxiliary cutting blade (14) is shaped in a convex manner at least in some regions in plan view of the corresponding auxiliary free surface (24).

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

(19) INDIA

(22) Date of filing of Application :04/02/2014

(43) Publication Date : 09/01/2015

(51) International classification	:F03G5/04	(71)Name of Applicant :
(31) Priority Document No	:P201131296	1)NABUNOR S.L.
(32) Priority Date	:28/07/2011	Address of Applicant :Avgda. Turisme 42 E 08370 Calella
(33) Name of priority country	:Spain	Spain
(86) International Application No	:PCT/ES2012/070534	(72)Name of Inventor :
Filing Date	:16/07/2012	1)SERRANO MOLINA Jose Antonio
(87) International Publication No	:WO 2013/014307	
(61) Patent of Addition to Application	:NA	
Number	:NA :NA	
Filing Date	.INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		1

### (54) Title of the invention : APPARATUS FOR PRODUCING ELECTRICAL ENERGY USING DRAFT ANIMALS

(57) Abstract :

The invention relates to an apparatus that includes a generator (8) for producing electrical energy and a means of activating said generator (8) through the force from said draft animals (4) and is characterized in that said means of activation include a hydraulic system (11) that includes a hydraulic motor (7) that activates said generator (8) and a pressure assembly (6) configured to provide said hydraulic motor (7) with an essentially constant flow and pressure of fluid said pressure assembly (6) including a hydraulic pump (5) that is activated by a traction mechanism (1) connected to said draft animals (4). This makes it possible to obtain continuous and stable electrical energy that is ready for direct consumption and it has a low maintenance cost and a long useful life.

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

(22) Date of filing of Application :29/01/2014

(43) Publication Date : 09/01/2015

## (54) Title of the invention : DISPERSE DYE COMPOSITION AND METHOD FOR DYEING HYDROPHOBIC TEXTILE MATERIALS USING SAME

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application</li> <li>No <ul> <li>Filing Date</li> <li>(87) International Publication</li> <li>No</li> <li>(61) Patent of Addition to</li> <li>Application Number</li> <li>Filing Date</li> </ul> </li> </ul>	:PCT/JP2012/069188 :27/07/2012 :WO 2013/018713 :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)NIPPON KAYAKU KABUSHIKI KAISHA Address of Applicant :11 2 Fujimi 1 chome Chiyoda ku Tokyo 1028172 Japan</li> <li>(72)Name of Inventor :</li> <li>1)TOKUYAMA Hiromitsu</li> <li>2)YAMAGUCHI Toru</li> </ul>
(62) Divisional to Application Number Filing Date	<sup>n</sup> :NA :NA	

## (57) Abstract :

Disclosed are: a disperse dye composition which is suitably applicable to synthetic textile materials to be used in the inside of an automobile said synthetic textile material to be used therein being to be exposed to sunlight and/or high temperature and high humidity conditions and which combines high light fastness and excellent dyeing characteristics; and a dyeing method using the same. The disperse dye composition comprises six specific disperse dyes (two specific disperse dyes per each of the three primary colors). The disperse dye composition and the dyeing method ensure both high light fastness and excellent dyeing characteristics and achieve a reduction in dyeing temperature or dyeing time. This leads to huge energy savings.

No. of Pages : 23 No. of Claims : 5

(21) Application No.811/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :04/02/2014

(43) Publication Date : 09/01/2015

· /		1
(51) International classification	:B23B31/16,B23B31/12	(71)Name of Applicant :
(31) Priority Document No	:11174136.9	1)ECS SWISSCOLLET S.A.
(32) Priority Date	:15/07/2011	Address of Applicant :54bis route des Acacias CH 1227
(33) Name of priority country	:EPO	Carouge Switzerland
(86) International Application No	:PCT/EP2012/060692	(72)Name of Inventor :
Filing Date	:06/06/2012	1)MARCHAND Alain
(87) International Publication No	:WO 2013/010719	
(61) Patent of Addition to Application	:NA	
Number	:NA :NA	
Filing Date	.184	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

## (54) Title of the invention : DEVICE FOR HOLDING MECHANICAL PARTS

(57) Abstract :

The present invention relates to a device (10) for holding mechanical parts (17) comprising a slider holder (11) formed of a body (14) and of a head (15) which are provided with a central bore (16) in which a portion of the part to be held is placed this part to be held going past said head (15) the head comprising a conical zone (20) the holding device (10) additionally comprising at least two sliders (12) and an element (13) for actuating said sliders characterized in that the head (15) comprises at least two lateral bores (19) that open on the one hand into said conical zone (20) and on the other hand into said central bore (16) in that said sliders are each placed in one of said lateral bores (19) these sliders being adjusted in the lateral bores so as to be able to slide therein said sliders (12) in the corresponding lateral bores (19) along an axis perpendicular to a longitudinal axis (20) of the central bore (16).

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

(19) INDIA

(22) Date of filing of Application :04/02/2014

(43) Publication Date : 09/01/2015

ED CONTAC	T
8,H01R13/11 74 11 2012/050863 12 3/066473	<ul> <li>(71)Name of Applicant :</li> <li>1)TYCO ELECTRONICS CORPORATION Address of Applicant :1050 Westlakes Drive Berwyn Pennsylvania 19312 U.S.A. (72)Name of Inventor : 1)OH Lawrence Se Jun</li></ul>

(57) Abstract :

A high reliability contact (100) includes a termination portion (102) configured to receive a wire. A mating portion (108) is formed integrally with the termination portion. The mating portion has edges (110). The mating portion is stamped and formed so that the edges are rolled together to form a mating barrel (124) having a longitudinal axis (118). The mating barrel is configured to receive a corresponding contact. At least one contact finger (114) is formed in the mating barrel. The at least contact finger extends into the mating barrel toward the longitudinal axis to facilitate contacting the corresponding contact. A contact hood (134) is formed at a distal end of the mating portion to facilitate protecting the at least one contact finger when the mating portion is coupled to the corresponding contact.

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

(22) Date of filing of Application :05/02/2014

(43) Publication Date : 09/01/2015

## (54) Title of the invention : AN ADAPTIVE VOLTAGE DIVIDER WITH CORRECTED FREQUENCY CHARACTERISTIC FOR MEASURING HIGH VOLTAGES

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No</li> <li>Filing Date</li> </ul>		<ul> <li>(71)Name of Applicant :</li> <li>1)AKADEMIA GORNICZO HUTNICZA IM.</li> <li>STANISLAWA STASZICA W KRAKOWIE Address of Applicant :Al. Mickiewicza 30 PL 30 059 Krakow Poland (72)Name of Inventor : 1)NABIELEC Jerzy</li></ul>
(87) International Publication No	:WO 2013/026805	
<ul> <li>(61) Patent of Addition to</li> <li>Application Number</li> <li>Filing Date</li> <li>(62) Divisional to Application</li> <li>Number</li> <li>Filing Date</li> </ul>	:NA :NA :NA :NA	

## (57) Abstract :

An adaptive voltage divider for measuring a high voltage between a ground terminal (GND) and a measurement terminal (U). It comprises a first branch comprising a first set of impedance elements (Z R) forming a voltage divider circuit connected between the ground terminals (GND) and the measurement terminal (U) and a voltage meter (AD2) configured to measure voltage on one of the impedance elements (Z R) of the first branch. Furthermore it comprises a second branch comprising a second set of impedance elements (Q P) connected between the ground terminal (GND) and the measurement terminal (U) and switchable between a plurality of configurations wherein in at least one configuration the second set of impedance elements (Q P) forms a voltage divider circuit and voltage meters (AD1 AD3) configured to measure voltage on at least one of the impedance elements (Q P) of the second branch. Moreover a control circuit (DCSS) is configured to consecutively switch the configuration of the second branch between the plurality of configurations thereof such that the relationships between the values of impedance elements (Z R) of the first branch and the values of impedance elements (Q P) of the second branch. Moreover a control circuit (DCSS) is configured to consecutively switch the configuration of the second branch between the plurality of configurations thereof such that the relationships between the values of impedance elements (Z R) of the first branch and the values of impedance elements (Q P) of the second branch can be determined for consecutive configurations of the second branch as a function of the outputs of the voltage meters (AD1 AD2 AD3) and the total transmittance of the voltage divider can be determined at any instance as a function of the outputs of the voltage meters (AD1 AD2 AD3).

No. of Pages : 28 No. of Claims : 7

## (19) INDIA

(22) Date of filing of Application :24/01/2014

## (43) Publication Date : 09/01/2015

## (54) Title of the invention : MULTI LAYER BLOWN FILM

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application</li> <li>No</li> <li>Filing Date</li> <li>(87) International Publication</li> <li>No</li> <li>(61) Patent of Addition to</li> <li>Application Number</li> <li>Filing Date</li> <li>(62) Divisional to Application</li> </ul>	<sup>1</sup> :PCT/EP2012/061731 :19/06/2012 :WO 2013/000768 :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)BOREALIS AG Address of Applicant :IZD Tower Wagramerstrae 17 19 A 1220 Vienna Austria</li> <li>(72)Name of Inventor :</li> <li>1)FIEBIG Joachim</li> <li>2)REICHELT Kristin</li> </ul>
Number Filing Date	:NA :NA	

(57) Abstract :

A multi layer blown polymer film comprising a core layer (CL) and at least one sealing layer (SL) said sealing layer(s) (SL) comprise(s) a propylene copolymer composition (P) having a comonomer content in the range of 3.0 to 8.0 wt. % the comonomers are C to C a olefins said propylene copolymer composition (P) comprises a polypropylene (A) and a polypropylene (B) in the weight ratio [(A)/(B)] of 20/80 to 80/20 wherein said polypropylene (A) has a comonomer content of equal or below 4.0 wt. % the comonomers are C to C a olefins and said propylene copolymer (B) has a comonomer content of 4.0 to 20.0 wt. % the comonomers are C to C a olefins.

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

(19) INDIA

(22) Date of filing of Application :27/01/2014

(43) Publication Date : 09/01/2015

## (54) Title of the invention : METHOD FOR MANUFACTURING PROCESSED UNPOLISHED RICE

:2011165987 :28/07/2011 :Japan :PCT/JP2012/069012 :26/07/2012 :WO 2013/015377	<ul> <li>(71)Name of Applicant :</li> <li>1)Kao Corporation <ul> <li>Address of Applicant :14 10 Nihonbashi Kayabacho 1 chome</li> </ul> </li> <li>Chuo ku Tokyo 1038210 Japan</li> <li>(72)Name of Inventor : <ul> <li>1)NAKAYOSHI Yuuki</li> <li>2)NAKAYAMA Hiroyuki</li> <li>3)KAMEO Yoji</li> </ul> </li> </ul>
1	5 1
:WO 2013/015377	2)NAKAYAMA Hiroyuki
٠NA	3)KAMEO Yoji
:NA	
:NA	
:NA	
	:2011165987 :28/07/2011 :Japan :PCT/JP2012/069012 :26/07/2012 :WO 2013/015377 :NA :NA :NA

(57) Abstract :

A method for manufacturing processed unpolished rice comprising at least a step for subjecting raw unpolished rice to a heat moisture treatment for 5 90 minutes using steam at 110 150°C and a step for heating the heat moisture treated unpolished rice for 5 90 minutes at 80 100°C.

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

(22) Date of filing of Application :03/02/2014

(43) Publication Date : 09/01/2015

## (54) Title of the invention : PROCESS FOR SEPARATING GASES AND ADSORBENT COMPOSITIONS USED THEREIN

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application</li> <li>No</li> <li>Filing Date</li> <li>(87) International Publication</li> <li>No</li> </ul>	n:B01J20/18,B01J20/06,B01D53/02 :13/206773 :10/08/2011 :U.S.A. :PCT/US2012/043736 :22/06/2012 :WO 2013/022521	<ul> <li>(71)Name of Applicant :</li> <li>1)PRAXAIR TECHNOLOGY INC. Address of Applicant :39 Old Ridgebury Road Danbury CT 06810 U.S.A.</li> <li>(72)Name of Inventor :</li> <li>1)ZHENG Jian</li> <li>2)STEPHENSON Neil Andrew</li> <li>3)BARRETT Philip Alexander</li> </ul>
<ul> <li>(61) Patent of Addition to</li> <li>Application Number</li> <li>Filing Date</li> <li>(62) Divisional to Application</li> <li>Number</li> <li>Filing Date</li> </ul>	:NA :NA :NA :NA	

(57) Abstract :

The present invention relates generally to a composite adsorbent comprising at least a zeolite containing CO removal adsorbent and 10% or more of a metal oxide having a heat capacity of at least 20 cal/mol °K (83.7 J/(mol·K). The composite is preferably used in a multi layered adsorption system in a cyclic adsorption process. The adsorption system comprises two or more layers wherein the first layer is at least a water vapor removal adsorbent such as activated alumina and the second layer is the novel composite adsorbent. The adsorption system is preferably used in a PSA prepurification process prior to cryogenic air separation.

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

(21) Application No.826/DELNP/2014 A

(22) Date of filing of Application :04/02/2014

(43) Publication Date : 09/01/2015

## (54) Title of the invention : DISINFECTING FORMULATIONS AND USES THEREOF

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> </ul>	:A61L2/18,A01N65/00,A01N25/00 :2011902822 :14/07/2011 :Australia :PCT/AU2012/000841 :13/07/2012 :WO 2013/006917	<ul> <li>(71)Name of Applicant :</li> <li>1)SUNNYWIPES PTY LTD Address of Applicant :3 Binney Road Kings Park New South </li> <li>Wales 2148 Australia (72)Name of Inventor : 1)STEVE Peter Lawrence </li> </ul>
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The present invention provides a disinfecting formulation useful for example for cleaning and disinfecting human or animal body parts and in particular for disinfecting human hands. The disinfecting formulation comprises alcohol including ethanol; an essential oil comprising cineole in particular eucalyptus oil; an emollient including glycerin; and other ingredients comprising piroctone olamine acrylic acid based polymer and 2 amino 2 methyl l propanol. The invention also provides methods of disinfection of human and animal body parts and methods for preparing the formulation.

No. of Pages : 67 No. of Claims : 25

(19) INDIA

(22) Date of filing of Application :05/02/2014

(43) Publication Date : 09/01/2015

## (54) Title of the invention : HOT ROLLED STEEL SHEET HAVING HIGH YIELD RATIO AND EXCELLENT LOW TEMPERATURE IMPACT ENERGY ABSORPTION AND HAZ SOFTENING RESISTANCE AND METHOD FOR PRODUCING SAME

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application</li> <li>No <ul> <li>Filing Date</li> <li>(87) International Publication</li> <li>No</li> <li>(61) Patent of Addition to</li> <li>Application Number</li> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application</li> <li>Number</li> <li>Filing Date</li> </ul>	<ul> <li>:C22C38/00,B21B3/00,C21D9/46</li> <li>:2011173760</li> <li>:09/08/2011</li> <li>:Japan</li> <li>:PCT/JP2012/070259</li> <li>:08/08/2012</li> <li>:WO 2013/022043</li> <li>:NA</li> <li>:NA</li> <li>:NA</li> </ul>	<ul> <li>(71)Name of Applicant : <ol> <li>NIPPON STEEL &amp; SUMITOMO METAL</li> <li>CORPORATION <ul> <li>Address of Applicant :6 1 Marunouchi 2 chome Chiyoda ku</li> </ul> </li> <li>Tokyo 1008071 Japan</li> <li>(72)Name of Inventor : <ul> <li>MARUYAMA Naoki</li> <li>YOSHINAGA Naoki</li> <li>AZUMA Masafumi</li> <li>SAKUMA Yasuharu</li> <li>SITAMI Atsushi</li> </ul> </li> </ol></li></ul>
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(57) Abstract :

Provided is a hot rolled steel sheet having a high yield ratio and excellent low temperature impact energy absorption and HAZ softening resistance wherein the maximum tensile strength is 600 MPa or higher and also provided is method for producing the same. The steel is formed from by mass % C: 0.04 to 0.09% Si: 0.4% or less Mn: 1.2 to 2.0% P: 0.1% or less S: 0.02% or less AI: 1.0% or less Nb: 0.02 to 0.09% Ti: 0.02 to 0.07% and N: 0.005% or less such that 2.0 Mn + 8 [%Ti] + 12 [%Nb] 2.6 with the remainder being Fe and inevitable impurities. The pearlite surface area percentage is 5% or less and the total martensite and residual austenite surface area percentage is 0.5% or less with the remainder being a ferrite and/or bainite metal structure. The average crystal grain size of the ferrite and bainite is 10 µm or smaller the average grain size of phase separated alloy carbonitride that contains Ti and Nb is 20 nm or less and the yield ratio is 0.85 or greater.

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

(21) Application No.692/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :29/01/2014

(43) Publication Date : 09/01/2015

(51) International classification	:H04B17/00	(71)Name of Applicant :
(31) Priority Document No	:11177396.6	1)TELEFONAKTIEBOLAGET L M ERICSSON (PUBL)
(32) Priority Date	:12/08/2011	Address of Applicant :S 164 83 Stockholm Sweden
(33) Name of priority country	:EPO	(72)Name of Inventor :
(86) International Application No	:PCT/EP2012/063178	1)LINDOFF Bengt
Filing Date	:05/07/2012	2)NORDSTR-M Fredrik
(87) International Publication No	:WO 2013/023840	
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		1

## (54) Title of the invention : CHANNEL QUALITY INDEX DETERMINATION

(57) Abstract :

A method of a transceiver arranged to operate in a cellular communication system comprising cells is disclosed. The method comprises receiving a transmission from a first cell; determining an interfering signal and its occupation in time and/or frequency; determining reduced values in the received signal corresponding to the occupation in time and/or frequency of the interfering signal; and measuring a quotient between desired signal and non desired signal of reference symbols of the received signal. A channel quality index CQI is formed taking into account reduction of values performed at the reducing and the CQI is reported to the communication system. A transceiver and computer program for the same are also disclosed.

No. of Pages : 28 No. of Claims : 17

## (19) INDIA

(22) Date of filing of Application :03/02/2014

(43) Publication Date : 09/01/2015

## (54) Title of the invention : BLENDS OF POLYETHERIMIDE SULFONE AND POLY(ARYLENE SULFIDE)

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> </ul>	:PCT/US2012/057187 :26/09/2012	<ul> <li>(71)Name of Applicant :</li> <li>1)SABIC INNOVATIVE PLASTICS IP B.V. Address of Applicant :Plasticslaan 1 NL 4612PX Bergen op Zoom Netherlands</li> <li>(72)Name of Inventor :</li> <li>1)RAMALINGAM Hariharan</li> <li>2)HARALUR Gurulingamurthy M.</li> <li>3)SREERAMAGIRI Siva Kumar</li> <li>4)CHATTERJEE Gautam</li> <li>5)SHETH Kapil Chandrakant</li> </ul>
<ul> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:NA :NA :NA :NA	6)MISHRA Sanjay Braj

(57) Abstract :

Disclosed herein is a composition comprising a compatible blend of i) 60 to 85 weight percent of a linear poly(arylene sulfide) ii) 15 to 40 weight percent of a polyetherimide sulfone; and iii) 1 to 3 weight percent of a novolac resin having an average of 2 or more epoxy groups per molecule. Weight percent is based on the total weight of the composition. An article made from the composition has a tensile strength greater than or equal to 70 megaPascals (MPa) as determined by ASTM D638 an impact strength of greater than or equal to 3 kiloJoules per square meter (kJ/m) as determined by ASTM D256 and an elongation at break greater than or equal to 3% as determined by ASTM D638. Methods of making the composition are also disclosed.

No. of Pages : 18 No. of Claims : 6

(22) Date of filing of Application :04/02/2014

(43) Publication Date : 09/01/2015

### (54) Title of the invention : WIND POWER PLANT AND METHOD OF CONTROLLING WIND TURBINE GENERATOR IN A WIND POWER PLANT

(51) International classification	:F03D7/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)VESTAS WIND SYSTEMS A/S
(32) Priority Date	:NA	Address of Applicant :Hedeager 44 DK 8200 Arhus N
(33) Name of priority country	:NA	Denmark
(86) International Application No	:PCT/CN2011/078250	(72)Name of Inventor :
Filing Date	:11/08/2011	1)LI Wen Zeng
(87) International Publication No	:WO 2013/020289	
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A wind power plant comprises at least a first and one or more other wind turbine generators (10 20 30 40) wherein the first and one or more other wind turbine generators are communicatively coupled in order to exchange information between the first wind turbine generator and the one or more other wind turbine generators and wherein a predetermined transfer relationship is established between the first and one or more other wind turbine generators said predetermined transfer relationship indicating the degree to which the first wind turbine generator may use information from each of the one or more other wind turbine generator for the control of the first wind turbine.

No. of Pages : 28 No. of Claims : 25

(19) INDIA

(22) Date of filing of Application :05/02/2014

(43) Publication Date : 09/01/2015

:B61C9/12	(71)Name of Applicant :
:10 2011 109 118.5	1)VOITH PATENT GMBH
:02/08/2011	Address of Applicant :St. Pltener Str. 43 89522 Heidenheim
:Germany	Germany
:PCT/EP2012/003278	(72)Name of Inventor :
:01/08/2012	1)SCHWAB Thomas
:WO 2013/017275	
·NA	
.INA	
:NA	
:NA	
	:10 2011 109 118.5 :02/08/2011 :Germany :PCT/EP2012/003278 :01/08/2012 :WO 2013/017275 :NA :NA :NA

## (54) Title of the invention : DRIVE TRAIN OF A RAIL VEHICLE

(57) Abstract :

The invention relates to a drive train of a rail vehicle comprising a drive motor for driving wheels of the rail vehicle; a splitter gearbox arranged between the drive motor and the wheels comprising a splitter gearbox input that can be driven by the drive motor and a plurality of splitter gearbox outputs; and a plurality of step change gearboxes connected downstream of the splitter gearboxes in the power transmission direction and each having a step change gearbox input and a step change gearbox output each step change gearbox input being connected to a splitter gearbox output. The invention is characterized in that the step change gearbox outputs have a mechanical drive connection to one another; the step change gearboxes have a plurality of mechanical clutches and/or brakes which can be activated in order to engage gears as desired; and the step change gearboxes are designed as automatic gearboxes or automated step change gearboxes and each have their own housing to accommodate the plurality of clutches and/or brakes.

No. of Pages : 13 No. of Claims : 5

## (19) INDIA

(22) Date of filing of Application :27/01/2014

### (43) Publication Date : 09/01/2015

(54) Title of the invention : COMBUSTIC	ON CHAMBER WALL	
<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application <ul> <li>Number</li> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application Number <ul> <li>Filing Date</li> </ul> </li> </ul>	:F23R3/06,F23R3/52 :1157574 :26/08/2011 :France :PCT/FR2012/051917 :22/08/2012 :WO 2013/030492 :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)TURBOMECA <ul> <li>Address of Applicant :F 64510 Bordes France</li> </ul> </li> <li>(72)Name of Inventor : <ul> <li>1)SAVARY Nicolas</li> <li>2)BERAT Claude</li> <li>3)GRIENCHE Guy</li> <li>4)BERTEAU Patrick</li> <li>5)VERDIER Hubert Pascal</li> </ul> </li> </ul>

## (57) Abstract :

The invention concerns the field of turbomachine combustion chambers and in particular an annular wall (11) of a turbomachine combustion chamber (4). This wall (11) has a cold side and a hot side and is provided with at least a primary hole (17) to allow a first air flow flowing from the cold side of the wall (11) to penetrate through to the hot side of the wall (11) to supply the combustion of a fuel inside the combustion chamber (4) and a plurality of cooling holes (19) each having a diameter not greater than 1 mm to allow a second air flow flowing from the cold side of the wall (11) to penetrate through to the hot side of the wall (11) to cool the hot side of the wall (11). Said plurality of cooling holes (19) is also capable of diluting the combustion gas (20) produced by said combustion by means of the air flow penetrating through to the hot side of the wall (11) via the cooling holes (19).

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

(19) INDIA

(22) Date of filing of Application :03/02/2014

(54) Title of the invention : DRIVE AND ELEVATOR ELECTRONICS IN BEDPLATE

(43) Publication Date : 09/01/2015

#### :B66B11/08,B66B7/00 (71)Name of Applicant : (51) International classification (31) Priority Document No **1)OTIS ELEVATOR COMPANY** :NA (32) Priority Date Address of Applicant : Ten Farm Springs Road Farmington CT :NA (33) Name of priority country 06032 2568 U.S.A. :NA (86) International Application No (72)Name of Inventor : :PCT/US2011/046936 1)ROGERS Kyle W. Filing Date :08/08/2011 (87) International Publication No :WO 2013/022425 2)KIM HanJong (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

A bedplate assembly (200) is provided. The bedplate assembly (200) may include a support member (202) having a mounting surface (104 204) for receiving a machine (20) a compartment (106 107 206 207) internally disposed within the support member (202) and electronics disposed within the compartment (106 107 206 207).

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

(12) PATENT APPLICATION (19) INDIA	PUBLICATION	(21) Application No.801/DELNP/2014 A
(22) Date of filing of Application	on :04/02/2014	(43) Publication Date : 09/01/2015
(54) Title of the invention : RIS	SER REACTOR WITH FLOW DISI	RUPTORS
<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application</li> <li>No <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication</li> <li>No</li> <li>(61) Patent of Addition to</li> <li>Application Number <ul> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application</li> <li>Number <ul> <li>Filing Date</li> </ul> </li> </ul>	:B01J8/24,C10G11/18,C04B35/66 :13/284419 :28/10/2011 :U.S.A. :PCT/US2012/054057 :07/09/2012 :WO 2013/062676 :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)UOP LLC Address of Applicant :25 East Algonquin Road P.O. Box 5017 Des Plaines Illinois 60017 5017 U.S.A.</li> <li>(72)Name of Inventor :</li> <li>1)SANDACZ Michael S.</li> </ul>

(57) Abstract :

An embodiment of the invention includes a riser reactor for reacting a feedstock and catalyst. The riser reactor wall defines an interior. A continuous refractory lining is attached to the reactor wall and defines a plurality of flow disruptors that extend inward from the wall into the reactor interior and disrupt flow patterns of the feedstock and catalyst.

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

(22) Date of filing of Application :05/02/2014

(43) Publication Date : 09/01/2015

(54) Title of the invention : DEVICE FOR PRODUCING COATED STEEL SHEET AND METHOD FOR PRODUCING COATED STEEL SHEET

<ul> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No</li> <li>Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to</li> <li>Application Number Filing Date</li> <li>(62) Divisional to Application</li> </ul>	:B05C11/06,B05C5/00,B05D3/12 :NA :NA :NA :PCT/JP2012/056560 :14/03/2012 :WO 2013/136468 :NA :NA :NA	<ul> <li>(71)Name of Applicant : <ol> <li>NIPPON STEEL &amp; SUMITOMO METAL</li> </ol> </li> <li>(CORPORATION <ul> <li>Address of Applicant :6 1 Marunouchi 2 chome Chiyoda ku</li> </ul> </li> <li>Tokyo 1008071 Japan <ul> <li>(72)Name of Inventor : <ul> <li>SOYA Katsuhide</li> </ul> </li> <li>2)NAGATOMI Masayoshi</li> <li>3)SHIBAO Fumio</li> <li>4)FURUKAWA Hiroyasu</li> </ul> </li> </ul>
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(57) Abstract :

This device for producing a coated steel sheet is provided with: blow off unit (11) that blows gas against excess coating material (9x) accumulated along the edge of a steel sheet (8) passing along in one direction thus eliminating the excess coating material; and a coating material recovery unit (12) that recovers the excess coating material (9x) eliminated by the blow off unit (11). The blow off unit (11) has a blowing nozzle (11a) and a gas supply unit (11c). The coating material recovery unit (12) has a duct (12a) and a coating material housing vessel (12b). When viewing the duct (12a) in a plan view the exit (12a2) thereof is disposed overlapping in a manner so as to fall within the opening (12b1) of the coating material housing vessel (12b) and moreover when viewing the duct (12a) in a lateral view a gap (12c) is provided between the opening (12b1) of the coating material housing vessel (12b) and the exit (12a2).

No. of Pages : 45 No. of Claims : 11

## (19) INDIA

(22) Date of filing of Application :05/02/2014

## (43) Publication Date : 09/01/2015

### (54) Title of the invention : SEMICONDUCTOR DEVICE

(86) International Application No:PCT/JP2011/069542 :30/08/2011(87) International Publication No:WO 2013/030943(61) Patent of Addition to Application Number Filing Date:NA :NA(62) Divisional to Filing Date:NA :NA(62) Divisional to Filing Date:NA :NA	Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number	:NA :NA :PCT/JP2011/069542 :30/08/2011 :WO 2013/030943 :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)TOYOTA JIDOSHA KABUSHIKI KAISHA Address of Applicant :1 Toyota cho Toyota shi Aichi 4718571 Japan</li> <li>(72)Name of Inventor :</li> <li>1)SOENO Akitaka</li> </ul>
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## (57) Abstract :

A semiconductor device having a diode region (11) and an insulated gate bipolar transistor (IGBT) region (13) formed on the same semiconductor substrate is provided. The diode region is exposed at the surface of the semiconductor substrate (100) and is provided with a plurality of first conductive anode layers (115 116) which are isolated from each other. The IGBT region is exposed at the surface of the semiconductor substrate and is provided with a plurality of first conductive body contact layers (135) which are isolated from each other. The anode layer is provided with at least one first anode layer (116). The first anode layer (116) is formed at a position close to at least the IGBT region. The area of each first anode layer (116) in the planar direction of the semiconductor substrate is greater than the area of the body contact layer (135) nearest to the diode region in the planar direction of the semiconductor substrate. Thus because many holes are injected from the first anode layer (116) the forward voltage of a first diode region (11a) can be reduced. A rise in the forward voltage of the diode region due to a decrease in the holes injected from the body contact layer (135) and an increase in heat loss can be minimized.

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

(22) Date of filing of Application :28/01/2014

(43) Publication Date : 09/01/2015

## (54) Title of the invention : PROCESS FOR THE SYNTHESIS OF C11 AND C12 OMEGA AMINOALKANOIC ACID ESTERS COMPRISING A NITRILATON STEP

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International</li> <li>Application No Filing Date</li> <li>(87) International</li> <li>Publication No</li> <li>(61) Patent of Addition to</li> <li>Application Number Filing Date</li> </ul>	:C07C22/04,C07C253/22,C07C229/08 :1157542 :26/08/2011 :France :PCT/FR2012/051771 :26/07/2012 :WO 2013/030481 :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)ARKEMA FRANCE <ul> <li>Address of Applicant :420 Rue dEstienne dOrves F 92700</li> </ul> </li> <li>Colombes France <ul> <li>(72)Name of Inventor :</li> <li>1)COUTURIER Jean Luc</li> <li>2)DUBOIS Jean Luc</li> </ul> </li> </ul>
(62) Divisional to Application Number Filing Date	:NA :NA	
(57) Alestrest		

(57) Abstract :

THE INVENTION RELATES TO A PROCESS FOR THE SYNTHESIS OF C11 AND C12 O-AMINOALKANOIC ACID ESTERS COMPRISING A STEP OF CONTINUOUS NITRILATION IN THE GAS PHASE OR IN A MIXED GAS-LIQUID PHASE, A STEP OF METATHESIS AND A STEP OF REDUCTION BY HYDROGENATION, USING, AS RAW MATERIAL, C10 AND C11 O-ALKENOIC ACID ESTERS.

No. of Pages : 18 No. of Claims : 13

(21) Application No.643/DELNP/2014 A

(22) Date of filing of Application :28/01/2014

(43) Publication Date : 09/01/2015

## (54) Title of the invention : A FAN SYSTEM WITH LIGHT ASSEMBLY AND EMERGENCY POWER SUPPLY

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No</li> <li>Filing Date</li> </ul>	:F03D9/02,H01K1/58,F21V36/02 :PI2011003127 :04/07/2011 :Malaysia :PCT/MY2012/000173 :29/06/2012	<ul> <li>(71)Name of Applicant :</li> <li>1)ALPHA HOME APPLIANCES SDN BHD Address of Applicant :No 6 Jalan Sungai Kayu Ara 32/37 Berjaya Park Section 32 40460 Shah Alam Selangor Malaysia</li> <li>(72)Name of Inventor :</li> <li>1)LIAN Yeo Peng</li> </ul>
(87) International Publication No	:WO 2013/006033	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A fan system (100) comprises a rotating arrangement of vanes a direct current motor for driving the rotating arrangement of vanes a rechargeable power storage unit (30) electrically connected and functioning as a secondary power supply to the motor an alternating current to direct current (AC to DC) converter (10) which is capable of converting alternating current (AC) of a primary power supply to direct current (DC) for charging the power storage unit (30) and powering the motor; and a master controlling unit communicated with the motor to control operation of the motor wherein the operation of the motor can be switched from being powered by the primary power supply to the secondary power supply during outage of primary power supply.

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

(22) Date of filing of Application :29/01/2014

(43) Publication Date : 09/01/2015

## (54) Title of the invention : VEHICLE USE INFORMATION PROCESSING DEVICE AND VEHICLE USE INFORMATION PROCESSING METHOD

(51) International classification	:G08G1/16	(71)Name of Applicant :
(31) Priority Document No	:NA	1)TOYOTA JIDOSHA KABUSHIKI KAISHA
(32) Priority Date	:NA	Address of Applicant :1 Toyota cho Toyota shi Aichi 4718571
(33) Name of priority country	:NA	Japan
(86) International Application No	:PCT/JP2011/067835	(72)Name of Inventor :
Filing Date	:04/08/2011	1)UNO Satoshi
(87) International Publication No	:WO 2013/018220	
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		L

## (57) Abstract :

This vehicle use information processing device in order to associate driver operating information more smoothly with results of learning associates operating information acquired in response to each vehicle operation by a driver with each point at which the vehicle operation has occurred in order to learn the same. The vehicle use information processing device in accordance with the number of occurrences in which operating information of the same type at the same point have been consecutively acquired learns the reproducibility of the operating information of the type at the point.

No. of Pages : 65 No. of Claims : 13

## (19) INDIA

(22) Date of filing of Application :04/02/2014

(54) Title of the invention : FUSION SPLICER

### (43) Publication Date : 09/01/2015

(51) International classification	:G02B6/255	(71)Name of Applicant :
(31) Priority Document No	:2011162072	1)SEI Optifrontier Co. Ltd.
(32) Priority Date	:25/07/2011	Address of Applicant :1 Taya cho Sakae ku Yokohama shi
(33) Name of priority country	:Japan	Kanagawa 2448589 Japan
(86) International Application No	:PCT/JP2012/068608	(72)Name of Inventor :
Filing Date	:23/07/2012	1)SATO Ryuichiro
(87) International Publication No	:WO 2013/015249	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.11/1	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

One of the purposes of the present invention is to provide a fusion splicer capable of smoothly and satisfactorily fusing optical fibers whether operated from the front or the rear. A fusion splicer (10) comprises a pair of holder mounting parts (13) for placing optical fibers (12) against each other in a first direction (X) and a fusion splicing part (11) for fusion splicing together the optical fibers (12) through use of a pair of electrodes (16) which face each other in a second direction (Y) each of the holder mounting parts (13) being provided with a base (51) fixed to a main body and a positioning member (50) in which a base fitting part (65) for fitting with the base (51) is formed on the bottom side thereof the positioning members (50) being capable of attaching to and detaching from both bases (51) by reversing orientation and the center position of the base fitting part (65) in the width direction along the second direction (Y) being disposed on a straight line in the first direction (X) passing through the center position between the electrodes (16) when the base fitting part is fitted into either of the bases (51).

No. of Pages : 34 No. of Claims : 3

(19) INDIA

(22) Date of filing of Application :05/02/2014

(43) Publication Date : 09/01/2015

#### (54) Title of the invention : VEHICLE DRIVE CONTROL DEVICE (51) International classification :B62D6/00,B60R21/00,B62D5/04 (71)Name of Applicant : (31) Priority Document No 1)TOYOTA JIDOSHA KABUSHIKI KAISHA :NA (32) Priority Date Address of Applicant :1 Toyota cho Toyota shi Aichi 4718571 :NA (33) Name of priority country :NA Japan (86) International Application (72)Name of Inventor : :PCT/JP2011/069749 1)UEYAMA Masao No :31/08/2011 Filing Date 2)KUNIHIRO Yoji (87) International Publication **3)LIMPIBUNTERNG Theerawat** :WO 2013/030974 No 4)KOJO Takahiro (61) Patent of Addition to :NA Application Number :NA Filing Date (62) Divisional to Application :NA Number :NA Filing Date

(57) Abstract :

A vehicle drive control device that performs trajectory control in which a steering wheel is controlled so as to make the vehicle move along a target trajectory. When the possibility exists that the direction of travel of the vehicle may be changed by said trajectory control at least one of the following is changed before such a change is made thereby giving the occupants of the vehicle advance notice of the possibility of a trajectory control caused change in vehicle travel direction: the control position of a steering input means operated by the driver; the yaw angle of the vehicle; and the horizontal position of the vehicle with respect to the road.

No. of Pages : 91 No. of Claims : 15

(22) Date of filing of Application :01/09/2014

## (54) Title of the invention : DATA DEMODULATION DEVICE DATA DEMODULATION METHOD REPRODUCTION DEVICE FOR MAGNETICALLY RECORDED DATA AND PROGRAM

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No</li> <li>Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number</li> </ul>	:PCT/JP2013/072715 :26/08/2013 :WO 2014/034600 :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)NIDEC SANKYO CORPORATION <ul> <li>Address of Applicant :5329 Shimosuwa machi Suwa gun</li> </ul> </li> <li>Nagano 3938511 Japan</li> <li>(72)Name of Inventor : <ul> <li>1)NAKAJIMA Shigeo</li> <li>2)ISONO Yoichi</li> <li>3)HIGASHI Katsuhisa</li> </ul> </li> </ul>
Number Filing Date	:NA :NA	

## (57) Abstract :

The present invention provides a data demodulation device a data demodulation method a reproduction device for magnetically recorded data and a program capable of suitably demodulating magnetic data with high accuracy even when there is a large fluctuation in traveling speed of a magnetically recording medium or a low recording accuracy for the recorded magnetic data. Specifically the data demodulation device calculates a first absolute value that is a difference between a determination interval and a first reference interval assigned to a template or a second absolute value that is a difference between the determination interval and a second reference interval for each bit pattern and each bit of the bit pattern; multiplies the first absolute value that is larger than the first absolute value; calculates a total value that is calculated by a comparison calculation unit for each bit and represents the total for each bit pattern in which the calculated total value becomes minimum to a preliminary data string.

No. of Pages : 81 No. of Claims : 10

(22) Date of filing of Application :03/02/2014

## (43) Publication Date : 09/01/2015

## (54) Title of the invention : FUNGICIDAL SUBSTITUTED 1- {2- [2- HALO- 4- (4- HALOGEN PHENOXY)- PHENYL]- 2- ALKOXY -3- METHYL- BUTYL}- 1H- [1, 2, 4]TRIAZOLE COMPOUNDS

(57) Abstract :

The present invention relates to substituted 1 {2 [2 halo 4 (4 halogen phenoxy) phenyl] 2 alkoxy 3 methyl butyl} 1H [1 2 4]triazole compounds of formula I as defined in the description and the N oxides and salts thereof processes and intermediates for preparing these compounds and also to compositions comprising at least one such compound.. The invention also relates to the use of such compounds and compositions for combating harmful fungi and seed coated with at least one such compound.

No. of Pages : 67 No. of Claims : 15

(19) INDIA

(22) Date of filing of Application :04/02/2014

(43) Publication Date : 09/01/2015

(		
<ul><li>(51) International classification</li><li>(31) Priority Document No</li><li>(32) Priority Date</li></ul>	:A61B19/02 :61/515643 :05/08/2011	<ul> <li>(71)Name of Applicant :</li> <li>1)DEPUY SYNTHES PRODUCTS LLC Address of Applicant :325 Paramount Drive Raynham MA</li> </ul>
<ul> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> </ul>	:U.S.A. :PCT/US2012/043988 :25/06/2012 :WO 2013/022522	02767 0350 U.S.A. (72)Name of Inventor : 1)GRABOWSKI Woitech 2)SCHWEIKER Werner
<ul> <li>(61) Patent of Addition to Application</li> <li>Number</li> <li>Filing Date</li> <li>(62) Divisional to Application Number</li> <li>Filing Date</li> </ul>	:NA :NA :NA :NA	

## (54) Title of the invention : PACKAGING FOR MEDICAL DEVICES

(57) Abstract :

An envelope for housing a medical device includes a body including first and second panels connected to one another along an edge thereof to define an interior space sized and shaped to house a medical device sealed within a packet and a first opening arrangement including a perforation extending about the body along the first and second panels to define a break portion breakable from a remaining portion of the body to open the envelope along with a second opening arrangement including a tab extending from a portion of the body such that pulling the tab in a direction away from the body tears a portion of the perforation extending along the first panel to open the envelope.

No. of Pages : 34 No. of Claims : 43

## (19) INDIA

(22) Date of filing of Application :06/02/2014

(43) Publication Date : 09/01/2015

## (54) Title of the invention : HYBRID CONTACT/CONTACTLESS INTEGRATED CIRCUIT CARD THE STRENGTH OF THE ELECTRONIC MODULE OF WHICH IS REINFORCED

(51) International classification	:G06K19/077	(71)Name of Applicant :
(31) Priority Document No	:1102195	1)ASK S.A.
(32) Priority Date	:12/07/2011	Address of Applicant :2260 route des Cr <sup>a</sup> tes F 06560
(33) Name of priority country	:France	Valbonne France
(86) International Application No	:PCT/FR2012/000287	(72)Name of Inventor :
Filing Date	:12/07/2012	1)BENATO Pierre
(87) International Publication No	:WO 2013/007897	
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		1

## (57) Abstract :

The invention relates to a hybrid contact/contactless smart card (1) including a card body consisting of a plurality of layers from among which a so called support layer (40) supports a printed antenna (41) consisting of at least one coil and supports an integrated circuit module (10) connected to the antenna via two inner and outer connection contacts (43 44) arranged in alignment with the inner and outer ends (45 46) of the antenna coils respectively the module being located on the card in a portion delimited by a first side (6) of the card a second side (8) of the card perpendicular to the first side a first line (3) parallel to the first side (6) of the card and a second line (4) parallel to the second side of the card. According to the main characteristic of the invention the inner end (45) of the antenna coils which is connected to the inner contact (43) is located entirely in said portion such that when the card is bent and/or twisted the connection between the module and the antenna is not broken.

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

(19) INDIA

(22) Date of filing of Application :27/01/2014

(43) Publication Date : 09/01/2015

(51) International classification	:B60G7/00	(71)Name of Applicant :
(31) Priority Document No	:10 2011 083 221.1	1)SAF HOLLAND GMBH
(32) Priority Date	:22/09/2011	Address of Applicant :Hauptstrae 26 63856 Bessenbach
(33) Name of priority country	:Germany	Germany
(86) International Application No	:PCT/EP2012/068487	(72)Name of Inventor :
Filing Date	:20/09/2012	1)SPIELMANN Rolf
(87) International Publication No	:WO 2013/041597	
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

## (54) Title of the invention : AXLE MOUNT FOR UTILITY VEHICLES

(57) Abstract :

The invention relates to an axle mount for utility vehicles comprising a carrier unit and a protective unit wherein the carrier unit has a first fastening region for the fixing of a utility vehicle axle thereto and has arranged adjacent to said fastening region a receiving region for receiving chassis systems and wherein the protective unit is arranged on the carrier unit such that the receiving region is enclosed transversely with respect to an axial direction by the carrier unit and by the protective unit in such a way that the ingress of foreign bodies into the receiving region is prevented.

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

(22) Date of filing of Application :28/01/2014

(43) Publication Date : 09/01/2015

#### (51) International classification :H02J3/00 (71)Name of Applicant : (31) Priority Document No **1)SOCIETE TECHNIQUE POUR LENERGIE** :1156920 (32) Priority Date ATOMIQUE TECHNICATOME :28/07/2011 (33) Name of priority country Address of Applicant :Route de Saint Aubin Lieudit Les :France :PCT/EP2012/064658 Hautes Rives F 91190 Villiers Le Bacle France (86) International Application No (72)Name of Inventor : Filing Date :26/07/2012 (87) International Publication No :WO 2013/014220 **1)ROBERTS Jonathan** (61) Patent of Addition to Application 2)AUGUSTIN Xavier :NA Number **3)DELLINGER Jean Claude** :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

## (54) Title of the invention : SYSTEM FOR PRODUCING AND DISTRIBUTING ELECTRICAL ENERGY OVER AN ELECTRICAL NETWORK AND ASSOCIATED OPTIMIZATION METHOD

(57) Abstract :

The present invention relates to a system for producing and distributing electrical energy (100) over an electrical network (200) defined by a geographic area characterized in that it comprises a first so called main entity (110) for generating electrical energy which operates in a steady state and generates at least a portion of the electrical energy generated on said network (200); a second entity (120) for generating electrical energy from renewable energy which intermittently generates the electrical energy generated on said network (200); a third entity (130) for generating electrical energy which is capable of operating in a load following state said system being sized such that the profile of the change in total energy potential of said geographic area over the span of one year corresponding to the sum of the profile of the change in the amount of electrical energy distributed by said main entity (110) for generating electrical energy from renewable energy (120) over the span of one year is less than the profile of the change in the amount of electrical energy generated by said second entity (120) for generating electrical energy from renewable energy (120) over the span of one year is less than the profile of the change in the demand for electrical energy of said network (200) as defined by said given geographic area over the span of one year.

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

## (19) INDIA

(22) Date of filing of Application :03/02/2014

## (43) Publication Date : 09/01/2015

## (54) Title of the invention : SWITCHING VALVE

(57) Abstract :

A switching valve configured so that: multiple lands and grooves between said lands are formed on a valve body that moves backward and forward in the axial direction as a result of manual operation; multiple ports are opened in the cylinder into which the valve body is inserted to move freely backward and forward; and according to the position of the valve body in the axial direction specific ports are made to communicate with each other through a groove or are blocked by the lands. The switching valve is provided with seals that provide a liquid tight seal between the portions on the two sides of a land in the axial direction.

No. of Pages : 38 No. of Claims : 11

(21) Application No.878/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :06/02/2014

(43) Publication Date : 09/01/2015

(51) International classification	:B65C7/00	(71)Name of Applicant :
(31) Priority Document No	:13/209986	1)AVERY DENNISON CORPORATION
(32) Priority Date	:15/08/2011	Address of Applicant :150 N. Orange Grove Blvd. Pasadena
(33) Name of priority country	:U.S.A.	CA 91103 U.S.A.
(86) International Application No	:PCT/US2012/050706	(72)Name of Inventor :
Filing Date	:14/08/2012	1)COOPER William J.
(87) International Publication No	:WO 2013/025681	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(55) 41 4		1

## (54) Title of the invention : DEVICE FOR DISPENSING PLASTIC FASTENERS

(57) Abstract :

A device (111) for dispensing an individual plastic fastener (18) from a supply of fastener stock (11) includes a motor driven head assembly(147) adapted to receive the supply of fastener stock (11) sever an individual fastener (18) from the supply (11) and in turn eject the severed fastener (18). The head assembly (147) includes a pair of needle block assemblies (167 1 167 2) that retain corresponding hollow needles (155 1 155 2) each needle block assembly (167 1 167 2) being shaped to define a feed channel (175 1 175 2) that transitions a side rail (13 15) for the fastener stock (11) into axial alignment behind its corresponding needle (155 1 155 2). In addition at least one needle block assembly (167 1 167 2) includes a rearward shelf (231 1 231 2) and a forward bowing plate (255). In use the lowermost cross links (17) of the fastener stock (11) fittingly align between the shelf (231 1 231 2) and the bowing plate (255). In this manner the lowermost cross links (17) are limited to distort uniformly upward within the single plane defined by the pair of feed channels (175 1 175 2) thereby optimizing feed reliability of the device.

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

(22) Date of filing of Application :04/02/2014

(43) Publication Date : 09/01/2015

(54) Title of the invention : N,N-DIALKYLALKYLENYL ESTERS, COMPOSITIONS THEREOF, AND METHDS FOR USE THEREOF

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:61/512119 :27/07/2011 :U.S.A. :PCT/US2012/048662 :27/07/2012 :WO 2013/016677 :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)ALLERGAN INC. Address of Applicant :2525 Dupont Drive Irvine California</li> <li>92612 U.S.A.</li> <li>(72)Name of Inventor :</li> <li>1)BURK Robert M.</li> <li>2)OLD David W.</li> </ul>
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(57) Abstract :

The invention provides well defined N, N- dialkylalkenyl ester compounds for treating glaucoma or ocular hypertension. The esters of the invention are particularly advantageous due to their stability in aqueous solutions.

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

(22) Date of filing of Application :04/02/2014

(43) Publication Date : 09/01/2015

#### OTHER FREQUENCY CARRIERS (51) International classification :H04W72/14 (71)Name of Applicant : 1)NOKIA SIEMENS NETWORKS OY (31) Priority Document No :13/136781 (32) Priority Date Address of Applicant :Karaportti 3 FI 02610 Espoo Finland :10/08/2011 (72)Name of Inventor : (33) Name of priority country :U.S.A. 1)KOSKINEN Henri Markus (86) International Application No :PCT/EP2012/065586 Filing Date :09/08/2012 2)FILIPOVICH Igor (87) International Publication No :WO 2013/021030 (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(54) Title of the invention : SIGNALLING ABOUT ON GOING AND STARTING BROADCAST SERVICE SESSIONS ON

## (57) Abstract :

The exemplary embodiments of the invention provide at least a method apparatus and executable computer program to perform operations including signaling MBMS change related information to from or between network devices in the same or different carrier frequencies. The MBMS related information regarding new on going appearing and/or disappearing multi cast services offered in different frequency cells. Further the exemplary embodiments of the invention provide for determining that multi cast services in different carrier frequencies are new on going appearing and/or disappearing multi cast services. In addition the exemplary embodiments of the invention provide for operations at network devices to send and receive signaling regarding changes to multi cast services offered in the same and/or a different carrier frequency. Further the exemplary embodiments of the invention provide for operations to announce only changes to a set of MBMS services offered in a carrier frequency to network devices in the same or other carrier frequencies. The exemplary embodiments provide operations for signaling between different network devices in the same and/or different carrier frequencies to indicate that a network device is to be informed regarding changes to the multi cast services provided in a carrier frequency.

No. of Pages : 28 No. of Claims : 23

(19) INDIA

(22) Date of filing of Application :05/02/2014

### (43) Publication Date : 09/01/2015

(54) Title of the invention : FAULT CUR	RENT LIMITER	
<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No <ul> <li>Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> </ul> </li> <li>Number <ul> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application Number <ul> <li>Filing Date</li> </ul> </li> </ul>	:H02H9/02 :1114277.5 :18/08/2011 :U.K.	<ul> <li>(71)Name of Applicant :</li> <li>1)GridON Ltd.</li> <li>Address of Applicant :5 Tfuzot Isreal St. PC Box 866 53853</li> <li>Givatayim Israel</li> <li>(72)Name of Inventor :</li> <li>1)WILSON Robert</li> <li>2)PANNU Mohinder</li> </ul>

## (57) Abstract :

A fault current limiter is provided that comprises a magnetically saturable core. The first core includes a first leg a second leg with a first AC coil wound on the second leg a third leg with a second AC coil wound around the third leg the first and second AC coils being wound in series and connected to a first phase AC source and a fourth leg. The first magnetic biasing unit is arranged to produce a first closed magnetic circuit in the first leg and the second leg that has a first flux direction and the second coil is arranged to produce a second closed magnetic circuit in the fourth leg and the third leg that has a second flux direction wherein the first flux direction opposes the second flux direction. The first and second AC coils are arranged to produce a first closed AC magnetic circuit in the second hat alternates with each AC half cycle.

No. of Pages : 59 No. of Claims : 20

(22) Date of filing of Application :06/02/2014

## (43) Publication Date : 09/01/2015

#### BIOLOGICAL TISSUE IS OPPOSITE AN ULTRASONIC TRANSDUCER (51) International classification :A61B8/08 (71)Name of Applicant : (31) Priority Document No :1157119 1) ECHOSENS (32) Priority Date :03/08/2011 Address of Applicant :30 Place dItalie F 75013 Paris France (33) Name of priority country (72)Name of Inventor : :France (86) International Application No :PCT/EP2012/064738 **1)SANDRIN** Laurent Filing Date :26/07/2012 2)MIETTE Vronique (87) International Publication No :WO 2013/017532 **3)OUDRY Jennifer** (61) Patent of Addition to Application **4)AUDIERE Stphane** :NA Number **5)MOFID** Yassine :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(54) Title of the invention : METHOD FOR DETERMINING IN REAL TIME THE PROBABILITY THAT TARGET

## (57) Abstract :

The invention relates to a method (100) for determining in real time the probability that target biological tissue is opposite an ultrasonic transducer said method (100) comprising the following steps: transmitting (101) via an ultrasonic transducer an ultrasonic signal into biological tissue; said ultrasonic transducer receiving (102) said transmitted ultrasonic signal which has been backscattered by said biological tissue; calculating (103) at least two instantaneous parameters E LIN ATT of said backscattered ultrasonic signal; calculating (104) a predictive value P of the presence of an acoustic signature of target biological tissue said predictive value P being calculated via a statistical law using said at least two calculated instantaneous parameters E LIN ATT; estimating (105) the probability that said target biological tissue is opposite said ultrasonic transducer said estimation (105) depending on said calculated predictive value P and/or on at least one strength condition based on at least one of said two calculated instantaneous parameters E LIN ATT.

No. of Pages : 45 No. of Claims : 15

(22) Date of filing of Application :28/01/2014

(43) Publication Date : 09/01/2015

## (54) Title of the invention : SYSTEM AND METHOD FOR CONTROL OF LAYER FORMATION IN AN ALUMINIUM ELECTROLYSIS CELL

(51) International classification	:C25C3/08	(71)Name of Applicant :
(31) Priority Document No	:20111368	1)GOODTECH RECOVERY TECHNOLOGY AS
(32) Priority Date	:10/10/2011	Address of Applicant :Per Kroghs vei 4 N 1065 Oslo Norway
(33) Name of priority country	:Norway	(72)Name of Inventor :
(86) International Application No	:PCT/NO2012/050195	1)SALVADOR John Paul
Filing Date	:05/10/2012	2)SEDLAK Veroslav
(87) International Publication No	:WO 2013/055228	
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
/		

## (57) Abstract :

And objective of the present invention is to provide an improved method and system for use for control of layer formation in an aluminium electrolysis cell and exploitation of the heat. The present invention attains the above described objective by a reordering of the fundamental structure of a Hall Hroult cell providing two alternatives eliminating the need for thermal insulation. In a first embodiment the ordering from the inside to the outside is: Electrolyte sidelining heat tubes steel shell. In a second embodiment the ordering from the inside to the outside is: Electrolyte sidelining steel shell heat tubes.

No. of Pages : 13 No. of Claims : 8

(22) Date of filing of Application :28/01/2014

(43) Publication Date : 09/01/2015

# (54) Title of the invention : METHOD FOR THE PREPARATION OF (POLYBUTYLENE CO ADIPATE TEREPHTHALATE) THROUGH THE IN SITU PHOSPHORUS CONTAINING TITANIUM BASED CATALYST

classification (31) Priority Document No :13/221159 (32) Priority Date :30/08/201 (33) Name of priority country :U.S.A.	1 012/052971 2	<ul> <li>(71)Name of Applicant :</li> <li>1)SAUDI BASIC INDUSTRIES CORPORATION Address of Applicant :P.O. Box 5101 Riyadh 11422 Saudi Arabia</li> <li>(72)Name of Inventor :</li> <li>1)ALIDEDEOGLU Husnu Alp</li> <li>2)DESHPANDE Hareesh Shamroa</li> <li>3)DUCKWORTH Belinda</li> <li>4)GUNALE Tukaram</li> <li>5)JAYANNA Darshan</li> <li>6)KANNAN Ganesh</li> </ul>
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# (57) Abstract :

Biodegradable compositions containing an aliphatic aromatic copolyester derived from aromatic polyesters. Methods of making the compositions through an in situ phosphorus containing titanium based catalyst and articles made from the compositions.

No. of Pages : 41 No. of Claims : 31

(19) INDIA

(22) Date of filing of Application :29/01/2014

(43) Publication Date : 09/01/2015

### (54) Title of the invention : NOVEL SALTS OF SITAGLIPTIN

<ul> <li>classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority</li> <li>country</li> <li>(86) International</li> <li>Application No</li> <li>Filing Date</li> <li>(87) International</li> <li>Publication No</li> <li>(61) Patent of Addition to</li> <li>Application Number</li> <li>Filing Date</li> <li>(62) Divisional to</li> <li>Application Number</li> </ul>		<ul> <li>(71)Name of Applicant :</li> <li>1)RANBAXY LABORATORIES LIMITED Address of Applicant :Head Office: 12th Floor Devika Tower</li> <li>06 Nehru Place New Delhi Delhi 110019 Delhi India</li> <li>(72)Name of Inventor :</li> <li>1)JAYACHANDRA Suresh Babu</li> <li>2)SHAH Jigar Bhaskarbhai</li> <li>3)CHIGURU Sailu</li> </ul>
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# (57) Abstract :

The present invention provides sitagliptin 4 methylsalicylate sitagliptin myristate sitagliptin isophthalate sitagliptin

isonicotinide sitagliptin adipate their polymorphic form processes for their preparation and pharmaceutical compositions thereof.

No. of Pages : 32 No. of Claims : 45

		(21) Application No.871/DELNP/2014 A
(19) INDIA		
(22) Date of filing of Application	n :06/02/2014	(43) Publication Date : 09/01/2015
(54) Title of the invention : SECTION OF CABLE TRAY		
<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application N Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to</li> <li>Application Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:P201100806 :14/07/2011 :Spain o:PCT/ES2012/070517 :11/07/2012	<ul> <li>(71)Name of Applicant :</li> <li>1)VALDINOX S.L. Address of Applicant :Barrio Villanueva Nave 12 E 39192 Meruelo Spain</li> <li>(72)Name of Inventor :</li> <li>1)VALD‰S COLINA Justo Manuel</li> </ul>

(57) Abstract :

The invention relates to a section of cable tray which can be connected to other sections without using additional accessories allowing the connection of anchoring elements (1 1) located at one end of the walls of each tray section. The aforementioned anchoring elements take the form of rods bent to form a V shape (2 2) that extends into straight extensions (5 5) which are installed between longitudinal rods (7 8). In addition turns are provided in the aforementioned rods between the straight zones (5 5) and the V shape one turn towards the interior of the tray (3 3) and another turn towards the exterior (4 4). Sections are coupled by sliding the sides of the first transverse rod (12 12) of the tray section to be joined (I) through the V shapes (2 2) such that they remain trapped between the inner turns (3 3) and the sides of the last transverse rod (10 10) of the receiving tray section (II).

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

(19) INDIA

(22) Date of filing of Application :06/02/2014

#### (43) Publication Date : 09/01/2015

:B61C3/00	(71)Name of Applicant :
:10 2011 082 516.9	1)SIEMENS AKTIENGESELLSCHAFT
:12/09/2011	Address of Applicant : Wittelsbacherplatz 2 80333 M <sup>1</sup> / <sub>4</sub> nchem
:Germany	Germany
:PCT/EP2012/066230	(72)Name of Inventor :
:21/08/2012	1)LBBEN Edzard
:WO 2013/037608	2)OFFER Martin
:NA	3)SCHLAHT J <sup>1</sup> /4rgen
:NA	4)SCHNEIDER Jrg
:NA	
:NA	
	:10 2011 082 516.9 :12/09/2011 :Germany :PCT/EP2012/066230 :21/08/2012 :WO 2013/037608 :NA :NA :NA

### (54) Title of the invention : RAIL VEHICLE SYSTEM

(57) Abstract :

The invention relates to a rail vehicle system having a set of carriages (12.1 12.7) which are provided for transporting passengers wherein the set has two end carriages (12.1 12.7) at least one driveless central carriage (12.3 12.6) and at least one central carriage (12.2 12.4 12.5) that is designed as a traction carriage having at least one drive unit (16.2 16.4 16.5). In order to achieve greater flexibility in assembling a rail vehicle system in particular with regard to improved scalability of the traction power according to the invention the traction carriage comprises a power supply unit (22.2 22.4 22.5) which is provided for the drive unit (16.2 16.4 16.5) and has at least one voltage transformer unit (24.2 24.4 24.5) and one power converter unit (28.2 28.4 28.5).

No. of Pages : 16 No. of Claims : 7

(19) INDIA

(22) Date of filing of Application :03/02/2014

(43) Publication Date : 09/01/2015

(51) International classification	:A61J1/16	(71)Name of Applicant :
(31) Priority Document No	:102011079908.7	1)LPGES Peter
(32) Priority Date	:27/07/2011	Address of Applicant :Rathausplatz 39 41844 Wegberg
(33) Name of priority country	:Germany	Germany
(86) International Application No	:PCT/EP2012/064647	(72)Name of Inventor :
Filing Date	:26/07/2012	1)LPGES Peter
(87) International Publication No	:WO 2013/014219	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.117	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
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# (54) Title of the invention : PORTABLE TEMPERATURE REGULATING APPARATUS FOR MEDICAMENTS

(57) Abstract :

The invention relates to a portable apparatus for regulating the temperature of medicaments in solid or liquid form. A temperature regulating apparatus according to the invention comprises a housing with at least one accommodating chamber with at least one temperature regulating device for regulating the temperature of the accommodating chamber in particular a thermoelectric temperature regulating device with at least one inputting means capable of registering an insertion of a medicament container into the accommodating chamber or an immediately imminent insertion and of controlling the temperature regulation of the accommodating chamber of the accommodating chamber or an immediately imminent insertion and of controlling the temperature regulation of the accommodating chamber depending thereon.

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

(21) Application No.819/DELNP/2014 A

(22) Date of filing of Application :04/02/2014

(43) Publication Date : 09/01/2015

# (54) Title of the invention : PHARMACEUTICAL COMPOSITION OF OXIDISED AVIDIN SUITABLE FOR INHALATION

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No</li> <li>Filing Date</li> </ul>	:A61K47/42,A61K9/00,A61P35/00 :11006338.5 :02/08/2011 :EPO :PCT/EP2012/064576 :25/07/2012	<ul> <li>(71)Name of Applicant :</li> <li>1)SIGMA TAU INDUSTRIE FARMACEUTICHE</li> <li>RIUNITE S.P.A.</li> <li>Address of Applicant :Viale Shakespeare 47 I 00144 Rome</li> <li>Italy</li> <li>(72)Name of Inventor :</li> <li>1)DE SANTIS Rita</li> </ul>
(87) International Publication No	:WO 2013/017494	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The present invention describes oxidized avidin suitable for inhalation for conditioning the lung affected by inoperable/diffuse diseases enabling the targeted delivery of biotinylated therapeutic agents to it.

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

(21) Application No.872/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :06/02/2014

(43) Publication Date : 09/01/2015

(51) International classification	:H01G9/02	(71)Name of Applicant :
(31) Priority Document No	:13/220865	1)CORNING INCORPORATED
(32) Priority Date	:30/08/2011	Address of Applicant :1 Riverfront Plaza Corning New York
(33) Name of priority country	:U.S.A.	14831 U.S.A.
(86) International Application No	:PCT/US2012/052180	(72)Name of Inventor :
Filing Date	:24/08/2012	1)GADKAREE Kishor Purushottam
(87) International Publication No	:WO 2013/032875	2)KODALI Satyanarayana
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

# (54) Title of the invention : ELECTROLYTE SYNTHESIS FOR ULTRACAPACITORS

(57) Abstract :

A method of forming an electrolyte solution involves combining ammonium tetrafluoroborate and a quaternary ammonium halide in a liquid solvent to form a quaternary ammonium tetrafluoroborate and an ammonium halide. The ammonium halide precipitate is removed from the solvent to form an electrolyte solution. The reactants can be added step wise to the solvent and the method can include using a stoichiometric excess of the ammonium tetrafluoroborate to form a substantially halide ion free electrolyte solution. Filtration can be done at low temperatures to reduce the amount of excess bromide in the resulting electrolyte.

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

(22) Date of filing of Application :06/02/2014

(43) Publication Date : 09/01/2015

# (54) Title of the invention : N-(IMIDAZOLIDIN-2-YLIDENE) QUINOLINE DERIVATIVES AS MODULATIORS OF ALPHA 2 ADRENERGIC RECEPTORS

<ul> <li>(51) International classification</li> <li>(31) Priority Documen No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> <li>(57) Abstract :</li> </ul>	:01/511298 :25/07/2011 :U.S.A. :PCT/US2012/047570 :20/07/2012 :WO 2013/016178	<ul> <li>(71)Name of Applicant : <ol> <li>Address of Applicant :2525 Dupont Drive Irvine California</li> </ol> </li> <li>92612 U.S.A. </li> <li>(72)Name of Inventor : <ol> <li>SINHA Santosh C.</li> <li>WANG Liming</li> <li>CHOW Ken</li> <li>DIBAS Mohammed I.</li> <li>GARST Michael E.</li> </ol> </li> </ul>
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(57) Abstract :

The present invention relates to novel N (imidazolidin 2 ylidene)quino line derivatives processes for preparing them pharmaceutical compositions containing them and their use as pharmaceuticals. Formula (I).

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

(19) INDIA

(22) Date of filing of Application :05/02/2014

(43) Publication Date : 09/01/2015

(51) International classification	:F24F7/06	(71)Name of Applicant :
(31) Priority Document No	:2011152338	1)KOKEN LTD.
(32) Priority Date	:08/07/2011	Address of Applicant :7 Yonban cho Chiyoda ku Tokyo
(33) Name of priority country	:Japan	1028459 Japan
(86) International Application No	:PCT/JP2012/066031	(72)Name of Inventor :
Filing Date	:22/06/2012	1)SUZUKI Taketo
(87) International Publication No	:WO 2013/008610	2)KAKINUMA Tomoyuki
(61) Patent of Addition to Application	:NA	3)NITTA Kozo
Number	:NA :NA	4)FUJISHIRO Yuki
Filing Date	.11/1	5)FUKIURA Kazuma
(62) Divisional to Application Number	:NA	6)SATO Takahiro
Filing Date	:NA	
(E7) Alterative et :		1

### (54) Title of the invention : LOCAL AIR PURIFICATION DEVICE

(57) Abstract :

A local air purification device (1) is provided with: push hoods (2 3) having air flow opening faces (23) for discharging purified uniform air flows; and a pair of guides (4 5) forming opening faces (41 51) at downstream end sections of the pair of guides (4 5) the pair of guides (4 5) being provided on the sides of the push hoods (2 3) which face the air flow opening faces (23) and extending from the air flow opening face (23) sides toward the downstream sides of the uniform air flows. The push hoods (2 3) are disposed in such a manner that the respective air flow opening faces (23) face each other. The opening faces (41 51) of the guides (4 5) are made to face each other at an interval to form an open region between the opening faces (41 51) of the guides (4 5). Purified uniform air flows which are discharged from the air flow opening faces (23) hit each other within the open region and flow to the outside of the open region and this causes the inside of the guides (4 5) and the inside of the open region to have a higher level of cleanliness than other regions.

No. of Pages : 41 No. of Claims : 7

(19) INDIA

(22) Date of filing of Application :29/01/2014

(43) Publication Date : 09/01/2015

# (54) Title of the invention : SYSTEM METHOD AND DEVICE FOR MEASURING A GAS IN THE STOMACH OF A MAMMAL

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No</li> </ul>	:2011902610 :01/07/2011 :Australia	1)COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION Address of Applicant :Limestone Avenue Campbell Australian Capital Territory 2606 Australia 2)AUSTRALIAN WOOL INNOVATION LIMITED 3)MEAT & LIVESTOCK AUSTRALIA LIMITED
Filing Date (87) International Publication No	:WO 2013/003892	<ul><li>(72)Name of Inventor :</li><li>1)WRIGHT Andr Denis</li><li>2)ELLIS Keith</li></ul>
<ul> <li>(61) Patent of Addition to</li> <li>Application Number</li> <li>Filing Date</li> <li>(62) Divisional to Application</li> <li>Number</li> <li>Filing Date</li> </ul>	:NA :NA :NA :NA	3)DEMPSEY Joy 4)OVERS Leslie 5)VALENCIA Philip 6)PAULL David 7)MCSWEENEY Chris

(57) Abstract :

A gas measurement device for measuring at least one gas in the stomach of a mammal the device comprises a housing for being located in the mammal s stomach and providing at least one gas sensor for detecting the gas. The housing is impermeable to liquid within the stomach. The device may also comprise a controller disposed within the housing and which is electrically coupled to the at least one gas sensor. The controller is arranged to periodically process an output from the gas sensor(s) to provide data indicative of the amount of the gas within the stomach. The controller can include a wireless transmitter for transmitting the data to a remotely located receiving device disposed exterior to the mammal.

No. of Pages : 23 No. of Claims : 21

(22) Date of filing of Application :29/01/2014

(43) Publication Date : 09/01/2015

# (54) Title of the invention : PHARMACEUTICAL COMPOSITION AND FOOD COMPOSITION FOR PREVENTING AND AMELIORATING INTESTINAL MOTILITY DISORDERS

<ul> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No</li> <li>Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> </ul>	:A61K36/14,A23L1/29,A61P1/04 :1020110065685 :01/07/2011 :Republic of Korea :PCT/KR2012/005221 :02/07/2012 :WO 2013/005956 :NA :NA	<ul> <li>(71)Name of Applicant : <ol> <li>ECODERM INC.</li> <li>Address of Applicant :Bldg 2 Suite 214 Chonnam National</li> <li>University Medical School Hak dong 5 Dong gu Gwangju 501</li> </ol> </li> <li>746 Republic of Korea <ul> <li>(72)Name of Inventor : <ul> <li>NKIM Seong Jin</li> </ul> </li> </ul></li></ul>
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The present invention relates to a pharmaceutical composition and to a food composition for regulating intestinal motility and more particularly to a pharmaceutical composition and to a food composition which use a Chamaecyparis obtusa extract so as to be effective in the prevention and treatment of intestinal motility disorders. The pharmaceutical composition for regulating intestinal motility according to the present invention contains the Chamaecyparis obtusa extract as an active ingredient wherein intestinal motility is regulated by varying the electrical activity of interstitial cells of Cajal. Further the food composition for regulating intestinal motility according to the present invention contains the Chamaecyparis obtusa extract as an active ingredient.

No. of Pages : 30 No. of Claims : 5

(22) Date of filing of Application :03/02/2014

(43) Publication Date : 09/01/2015

#### (54) Title of the invention : SENSOR ELEMENT FOR CAPTURING AT LEAST ONE PROPERTY OF A GAS IN A MEASUREMENT GAS SPACE

(51) International classification	:G01N27/406	(71)Name of Applicant :
(31) Priority Document No	:10 2011 081 629.1	1)ROBERT BOSCH GMBH
(32) Priority Date	:26/08/2011	Address of Applicant : Postfach 30 02 20 70442 Stuttgart
(33) Name of priority country	:Germany	Germany
(86) International Application No	:PCT/EP2012/061738	(72)Name of Inventor :
Filing Date	:19/06/2012	1)SCHNEIDER Jens
(87) International Publication No	:WO 2013/029824	2)DIEHL Lothar
(61) Patent of Addition to Application	:NA	3)KLETT Sascha
Number		4)SCHNEIDER Gerhard
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		1

(57) Abstract :

Proposed is a sensor element (10) for capturing at least one property of a gas in a gas space in particular for detecting a gas component in the gas or for capturing a temperature of the gas. The sensor element (10) comprises at least one solid electrolyte (12) at least one electrode (14 16) arranged on the or in the solid electrolyte (12) and at least one heating element (18) for heating the solid electrolyte (12). The heating element (18) has at least one feed region (24) and one heating region (26) wherein the feed region (24) has a cold resistance which is not greater than 30% preferably not greater than 25% and particularly preferably not greater than 16% of a total cold resistance of the heating element.

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

(21) Application No.807/DELNP/2014 A

(22) Date of filing of Application :04/02/2014

(43) Publication Date : 09/01/2015

# (54) Title of the invention : HEAT RESISTANT POLYLACTIC ACID COMPOUNDS

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No</li> </ul>	a:C08L67/04,C08L69/00,C08K3/34 :61/527478 :25/08/2011 :U.S.A. :PCT/US2012/052057 :23/08/2012	<ul> <li>(71)Name of Applicant :</li> <li>1)POLYONE CORPORATION Address of Applicant :33587 Walker Road Avon Lake Ohio </li> <li>44012 U.S.A.  (72)Name of Inventor : 1)LIU Jing</li></ul>
Filing Date (87) International Publication No	:WO 2013/028857	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A significant disadvantage of the use of polylactic acid (PLA) lack of good heat stability has been overcome by the use of talc optionally in combination with an acrylic impact modifier. The compound achieves a threshold of 100°C in heat deflection temperature.

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

(19) INDIA

(22) Date of filing of Application :06/02/2014

#### (43) Publication Date : 09/01/2015

#### (51) International classification :C02F1/14,C02F1/18 (71)Name of Applicant : (31) Priority Document No 1)HATZIGIANNIS Georgios :20110100476 (32) Priority Date Address of Applicant :26 Iraklidon GR 166 73 Voula Athens :08/08/2011 (33) Name of priority country Greece :Greece (86) International Application No :PCT/GR2012/000037 2)HATZIGIANNIS Vassilios Filing Date :30/07/2012 3)HATZIGIANNI Zoi (87) International Publication No :WO 2013/021220 (72)Name of Inventor : (61) Patent of Addition to Application 1)HATZIGIANNIS Georgios :NA Number 2)HATZIGIANNIS Vassilios :NA Filing Date 3)HATZIGIANNI Zoi (62) Divisional to Application Number :NA Filing Date :NA

# PRODUCTION OF DISTILLED WATER AND SALT ENHANCHED BY SOLAR COLLECTORS

(54) Title of the invention : PORTABLE AND STATIONARY DISTILLATION UNIT FOR THE SIMULTANEOUS

(57) Abstract :

The invention describes a new and simple method of construction of a stationary distillation unit and of a small portable distillation unit. The evaporation pans are made of simple materials and are covered with a transparent film. Additionally in the small portable unit its evaporation pan has a double bottom which receives hot water. By connection of the evaporation pan with the solar collectors (12) its productive ability significantly increases. The portable and stationary desalination units of the invention use solar power exclusively and simultaneously produce two products: distilled water and salt. The exploitation of solar radiation occurs both in the part of the unit covered by the transparent film as well as in the use of hot water produced by the solar collector connected to it thus speeding up the evaporation of sea water. The transparent film besides helping increase and hold the heat inside the production space from pollutants in the environment and as a result the products do not need further processing before being sent to consumption. Besides the fact that each unit can be used as an autonomous production unit of distilled water and salt the units can also function as sub units of a production line of an unlimited number of sub units where their combined use functions as a large production unit of distilled water and salt.

No. of Pages : 39 No. of Claims : 9

(22) Date of filing of Application :04/02/2014

(43) Publication Date : 09/01/2015

(54) Title of the invention : METHODS AND APPARATUSES FOR TREATING A HYDROCARBON CONTAINING FEED STREAM

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application <ul> <li>Number</li> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application Number <ul> <li>Filing Date</li> </ul> </li> </ul>	:C10G25/03,C10G53/08 :13/284512 :28/10/2011 :U.S.A. :PCT/US2012/051831 :22/08/2012 :WO 2013/062669 :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)UOP LLC Address of Applicant :25 East Algonquin Road P.O. Box 5017 Des Plaines Illinois 60017 5017 U.S.A.</li> <li>(72)Name of Inventor :</li> <li>1)SHECTERLE David James</li> <li>2)GORAWARA Jayant K.</li> <li>3)RASTELLI Henry</li> </ul>
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#### (57) Abstract :

Embodiments of methods and apparatuses for treating a hydrocarbon containing feed stream are provided. The method comprises the steps of contacting the hydrocarbon containing feed stream comprising C C C and/or C hydrocarbons water and contaminants with a Linde Type A molecular sieve at dehydration conditions effective to remove water and form a dehydrated feed stream. The contaminants comprise oxygenates sulfur compounds or combinations thereof. The dehydrated feed stream is contacted with a sodium faujisite molecular sieve having a silica/alumina molar ratio of from 2 to 2.5 at absorption conditions effective to remove the contaminants and form a dehydrated contaminant depleted feed stream.

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

(22) Date of filing of Application :05/02/2014

#### (43) Publication Date : 09/01/2015

# (54) Title of the invention : A METHOD AND FORMULATION FOR PRODUCING EXTRUDED SNACK FOOD PRODUCTS AND PRODUCTS OBTAINED THEREFROM

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application</li> <li>No</li> <li>Filing Date</li> <li>(87) International Publication</li> <li>No</li> <li>(61) Patent of Addition to</li> <li>Application Number</li> <li>Filing Date</li> <li>(62) Divisional to Application</li> <li>Number</li> <li>Filing Date</li> </ul>	:A21D13/08,A23P1/12,A23P1/14 :13/213722 :19/08/2011 :U.S.A. :PCT/US2012/051575 :20/08/2012 :WO 2013/028617 :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)FRITO LAY NORTH AMERICA INC. Address of Applicant :7701 Legacy Drive Plano TX 75024</li> <li>4099 U.S.A.</li> <li>(72)Name of Inventor : <ol> <li>ARDISSON KORAT Andres Victor</li> <li>COON Christina Lee</li> <li>GRAHAM David Wallice</li> <li>HOWARD Sander</li> <li>HUANG Iris</li> <li>MORALES ALVAREZ Jorge C.</li> <li>NARAYANAN Bharadwaj</li> <li>OZTURK Bulent</li> <li>QUINTERO FUENTES Ximena</li> <li>I0)RAO V.N Mohan</li> <li>SIRICURURATANA Passaporn</li> <li>SMITH Richard Todd</li> <li>YURDAKAN INCE Sinem Gufran</li> </ol> </li> </ul>
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(57) Abstract :

The present invention generally relates to the production of direct expanded farinaceous food products without the use of a drying apparatus such as an oven and without the use of traditionally used sugar to eliminate such drying steps. A farinaceous material combined with a plasticizer component in the form of trehalose is extruded to form a direct expanded shelf stable snack food product. Snack food products made with trehalose can be incorporated into an outer shell of a composite center filled or co extruded product.

No. of Pages : 32 No. of Claims : 35

(12) PATENT APPLICATION PUBLICATION		(21) Application No.858/DELNP/2014 A
(19) INDIA		
(22) Date of filing of Application :05/02/2014		(43) Publication Date : 09/01/2015
(54) Title of the invention : ROL	L	
(51) International classification (31) Priority Document No	:A23G1/12,B02C4/04,B02C4/30 :11180797.0	(71)Name of Applicant : 1)BHLER AG

Switzerland

(72)Name of Inventor :

2)KEHRLI David

**1)DORNBIERER Heinz** 

Address of Applicant : Gupfenstrasse 5 CH 9240 Uzwil

(57) Abstract :

Number

(32) Priority Date

Filing Date

Application Number

Filing Date

Filing Date

(61) Patent of Addition to

(62) Divisional to Application

(33) Name of priority country

:09/09/2011

:07/09/2012

:EPO

:NA

:NA

:NA

:NA

(86) International Application No:PCT/EP2012/067474

(87) International Publication No :WO 2013/034669

The invention relates to a roll (1) more particularly a rotatable roll for a five roll structure for making chocolate having a device for controlling the temperature of the roll body by means of a temperature control medium (4). The temperature control medium (4) is sprayed against the inner wall (8) of the roll body (2) through nozzles (7) in at least one spray lance (6). The at least one temperature control medium drain is connected to a spout (9) which protrudes into the cylindrical roll body (2).

No. of Pages : 24 No. of Claims : 11

(19) INDIA

(22) Date of filing of Application :05/02/2014

(43) Publication Date : 09/01/2015

(51) International classification	:A61K31/19	(71)Name of Applicant :
(31) Priority Document No	:61/523531	1)ABBOTT LABORATORIES
(32) Priority Date	:15/08/2011	Address of Applicant :Dept. 377/AP6A 1 100 Abbott Park
(33) Name of priority country	:U.S.A.	Road Abbott Park IL 60064 U.S.A.
(86) International Application No	:PCT/US2012/050893	(72)Name of Inventor :
Filing Date	:15/08/2012	1)LI Yao En
(87) International Publication No	:WO 2013/025775	
(61) Patent of Addition to Application	:NA	
Number	:NA :NA	
Filing Date	.1NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

# (54) Title of the invention : PROCESS FOR MANUFACTURING HMB AND SALTS THEREOF

(57) Abstract :

A continuous process and system for manufacturing beta hydroxy beta methylbutyrate (HMB) and salts thereof is provided. The continuous process includes providing at least one oxidant and diacetone alcohol and combining the at least one oxidant with the diacetone alcohol in a first flow reactor to produce a product stream comprising HMB or a salt thereof. Optionally the process includes a second flow reactor for the acidification of a salt of beta hydroxy beta methylbutyrate to produce beta hydroxy beta methylbutyrate in free acid form.

No. of Pages : 32 No. of Claims : 19

(19) INDIA

(22) Date of filing of Application :06/02/2014

#### (43) Publication Date : 09/01/2015

#### (54) Title of the invention : COOLING/HEATING DEVICE (51) International classification :B01L3/00,F28D15/00,B01L7/00 (71)Name of Applicant : (31) Priority Document No 1) TECHNISCHE UNIVERSIT, T WIEN :A 1007/2011 (32) Priority Date :08/07/2011 Address of Applicant :Karlsplatz 13 A 1040 Wien Austria (33) Name of priority country (72)Name of Inventor : :Austria (86) International Application 1)SCH-N Michael :PCT/AT2012/050093 2)MIHOVILOVIC Marko No :04/07/2012 Filing Date **3)SCHNRCH Michael** (87) International Publication No:WO 2013/006878 (61) Patent of Addition to :NA Application Number :NA Filing Date (62) Divisional to Application :NA Number :NA Filing Date

(57) Abstract :

The invention relates to a device for cooling or heating vessels and containers for carrying out chemical or physical reactions wherein the device comprises the following components in a vertical direction from top to bottom: a heat conductive cooling or heating plate (1); at least one Peltier element (2 3 4) equipped with electrical connections (7); optionally at least one heat conductive separator plate (5) between two Peltier elements (2 4) respectively; a heat conductive thermoblock (6) through which one or more fluid channels (8) pass for dissipation and supply of heat from and to the at least one Peltier element (2 3 4); wherein the components (1) to (6) rest on top of one another and are therefore in direct planar contact with one another.

No. of Pages : 37 No. of Claims : 14

(22) Date of filing of Application :28/01/2014

(43) Publication Date : 09/01/2015

#### (54) Title of the invention : MAGNETIC ACTUATOR WITH ROTATABLE ARMATURE

<ul> <li>(51) International</li> <li>classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority</li> <li>(33) Name of priority</li> <li>(33) Name of priority</li> <li>(33) Name of priority</li> <li>(34) Name of priority</li> <li>(35) Name of priority</li> <li>(36) International</li> <li>Application No</li> <li>(87) International</li> <li>PCT/EP2011/003812</li> <li>(29/07/2011</li> <li>(87) International</li> <li>PUblication No</li> <li>(61) Patent of Addition to</li> <li>Application Number</li> <li>Filing Date</li> <li>(62) Divisional to</li> <li>Application Number</li> <li>Filing Date</li> <li>(62) Divisional to</li> <li>Application Number</li> <li>Filing Date</li> <li>(52) Divisional to</li> <li>Application Number</li> <li>Filing Date</li> <li>(53) NA</li> </ul>	<ul> <li>(71)Name of Applicant :         <ol> <li>1)ABB TECHNOLOGY AG Address of Applicant : Affolternstrasse 44 CH 8050 Z<sup>1</sup>/<sub>4</sub>rich Switzerland</li> <li>(72)Name of Inventor :             <li>1)REUBER Christian</li> <li>2)SHANG Wenkai</li> </li></ol> </li> </ul>
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#### (57) Abstract :

A magnetic actuator with a movable part and a non movable part is provided. The movable part comprises two ferromagnetic elements which are arranged such that a part of the elements is close to the non movable part in order to reduce a magnetic force for acting on the movable part an perform a switching operation of the magnetic actuator while moving the movable part towards the non movable part. As the distance between the movable part and the non movable part is reduced compared to actuators with parallel plates it may be possible to reduce a current through a coil of the non movable part for generating the magnetic force for acting on the movable part so that a switching operation is performed. In order to not reduce the working stroke of the magnetic actuator the ferromagnetic elements of the movable part are able to rotate around a rotational axis when being attracted towards the non movable part.

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

(19) INDIA

(22) Date of filing of Application :29/01/2014

(43) Publication Date : 09/01/2015

(51) International classification	:H04B11/00	(71)Name of Applicant :
(31) Priority Document No	:201110384024.8	1)TENCENT TECHNOLOGY (SHENZHEN) COMPANY
(32) Priority Date	:28/11/2011	LIMITED
(33) Name of priority country	:China	Address of Applicant :Room 403 East Block 2 SEG Park
(86) International Application No	:PCT/CN2012/085447	Zhenxing Road Futian District Shenzhen Guangdong 518044
Filing Date	:28/11/2012	China
(87) International Publication No	:WO 2013/078996	(72)Name of Inventor :
(61) Patent of Addition to Application	:NA	1)ZHOU Pengli
Number		2)HE Chang
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

# (54) Title of the invention : NEAR FIELD COMMUNICATION IMPLEMENTATION METHOD AND SYSTEM

(57) Abstract :

Proposed are a near field communication implementation method and system. The method includes: a sending device modulating a digital signal and playing a sound signal generated by modulation; and a receiving device sampling the sound signal and demodulating a sampling signal to obtain a digital signal. The present invention can realize near field communication among mobile communication devices without an embedded near field communication (NFC) chip which solves the problem that the hardware requirements of the existing near field communication solution are high and the application range is narrow.

No. of Pages : 25 No. of Claims : 8

(19) INDIA

(22) Date of filing of Application :03/02/2014

(43) Publication Date : 09/01/2015

(54) Title of the invention : COLLAGEN	7 AND RELATED MET	HODS
<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number <ul> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application Number</li> </ul>	:C12P21/00,A61K38/17 :61/514796 :03/08/2011 :U.S.A. :PCT/US2012/049553 :03/08/2012 :WO 2013/020064 :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)LOTUS TISSUE REPAIR INC. Address of Applicant :One Mifflin Place Suite 400 Cambridge MA 02138 U.S.A.</li> <li>(72)Name of Inventor :</li> <li>1)DE SOUZA Mark</li> <li>2)VISWANATHAN Malini</li> </ul>
Filing Date	:NA	

(57) Abstract :

Disclosed are methods of making collagen 7 or functional fragments thereof as well as collagen 7 and functional fragments thereof produced by such methods nucleic acids encoding collagen 7 and functional fragments thereof as well as vectors and host cells comprising such nucleic acids.

No. of Pages : 58 No. of Claims : 42

(19) INDIA

(22) Date of filing of Application :04/02/2014

(43) Publication Date : 09/01/2015

(51) International alogaification	·D22D41/00	(71)Nome of Amelicant
(51) International classification	:B22D41/08	(71)Name of Applicant :
(31) Priority Document No	:61/537905	1)VESUVIUS CRUCIBLE COMPANY
(32) Priority Date	:22/09/2011	Address of Applicant :1209 Orange Street Wilmington
(33) Name of priority country	:U.S.A.	Delaware 19801 U.S.A.
(86) International Application No	:PCT/US2012/048068	(72)Name of Inventor :
Filing Date	:25/07/2012	1)RICHAUD Johan
(87) International Publication No	:WO 2013/043257	2)CHUNG William
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		1

# (54) Title of the invention : DOUBLE ENTRY CHANNEL LADLE BOTTOM

(57) Abstract :

A metallurgical ladle and more particularly the bottom of the ladle or a ladle block in the bottom of the ladle have an outlet through which the molten metal can drain. The ladle bottom contains an open end channel bounded by at least one wall with a major dimension perpendicular to a line joining the center of the outlet entrance to the center of the wall. In selected configurations opposing faces of the walls bounding the open end channel are convex in the horizontal plane and concave in the horizontal plane respectively.

No. of Pages : 39 No. of Claims : 12

(22) Date of filing of Application :06/02/2014

(43) Publication Date : 09/01/2015

# (54) Title of the invention : CO CRYSTALS OF CYPRODINIL AND DITHIANON

(51) International classification:C07D239/42,C07D339/08,A01N43/32(31) Priority Document No :61/528776(32) Priority Date:30/08/2011(33) Name of priority country:U.S.A.(86) International Filing Date:PCT/IB2012/054452(87) International Filing Date:WO 2013/030777(87) International Filing Date:WA(87) International Filing Date:WA	<ul> <li>(71)Name of Applicant :</li> <li>1)BASF SE Address of Applicant :67056 Ludwigshafen Germany</li> <li>(72)Name of Inventor :</li> <li>1)SOWA Christian</li> <li>2)GOLD Randall Evan</li> <li>3)CHIODO Tiziana</li> <li>4)VOGEL Ralf</li> </ul>
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(57) Abstract :

The present invention relates to co crystals of cyprodinil and dithianon as defined in the description processes for preparing these co crystals and also to compositions comprising at least such co crystals. The invention also relates to the use of such co crystals or compositions for combating harmful fungi.

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

(22) Date of filing of Application :04/02/2014

(43) Publication Date : 09/01/2015

(54) Title of the invention : METHOD FOR PRODUCING OPTICAL FIBER HAVING CONTROLLED INDEX PERTURBATIONS

<ul><li>(51) International classification</li><li>(31) Priority Document No</li><li>(22) Priority Data</li></ul>	:C03B37/027 :61/526007 :22/08/2011	(71)Name of Applicant : 1)CORNING INCORPORATED Address of Applicant 1 Disorformt Diago Cogning New York
<ul><li>(32) Priority Date</li><li>(33) Name of priority country</li></ul>	:U.S.A.	Address of Applicant :1 Riverfront Plaza Corning New York 14831 U.S.A.
(86) International Application No		(72)Name of Inventor :
Filing Date (87) International Publication No	:16/08/2012 :WO 2013/028439	1)CHEN Xin 2)LAING Charles Frederick
(61) Patent of Addition to Application Number	:NA	3)LI Ming Jun 4)LIU Anping
Filing Date	:NA	5)MOZDY Eric John
(62) Divisional to Application Number Filing Date	:NA :NA	6)THALER Joseph D

# (57) Abstract :

A method for producing an optical fiber is provided. The method includes the steps of drawing an optical fiber from a heated glass source in a furnace and introducing index perturbations to the optical fiber via a plurality of perturbation sources arranged at a plurality of different azimuthal locations. The index perturbations are introduced synchronously at different locations along the axial length of the fiber by the plurality of perturbation sources in a generally helical pattern on the outside surface of the fiber in one embodiment. According to another embodiment the index perturbations are introduced by the plurality of perturbation sources at different frequencies.

No. of Pages : 18 No. of Claims : 20

(22) Date of filing of Application :05/02/2014

(43) Publication Date : 09/01/2015

(54) Title of the invention : LUMINESCENT LANTHANIDE CHELATES HAVING THREE CHROMOPHORES AND THEIR USE

<ul> <li>(51) International classification</li> <li>(31) Priority Document Not</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International</li> <li>Application No <ul> <li>Filing Date</li> <li>(87) International</li> </ul> </li> <li>Publication No</li> <li>(61) Patent of Addition to</li> <li>Application Number <ul> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to</li> <li>Application Number <ul> <li>Filing Date</li> </ul> </li> </ul>	:C09K11/06,G01N33/58,C07D213/40 :PA 2011 00630 :19/08/2011 :Denmark :PCT/EP2012/066082 :17/08/2012 :WO 2013/026790 :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)DHR FINLAND OY <ul> <li>Address of Applicant :Biolinja 12 FI 20750 Turku Finland</li> </ul> </li> <li>(72)Name of Inventor : <ul> <li>1)TAKALO Harri</li> <li>2)MELTOLA Niko</li> </ul> </li> </ul>
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### (57) Abstract :

The present application discloses a luminescent lanthanide chelate of formula (I) with lanthanides such as europium as well as the corresponding luminescence lanthanide chelating ligand. The application also discloses a detectable molecule comprising a biospecific binding reactant (such as an antibody) conjugated to the luminescent lanthanide chelate as well as a method of carrying out a biospecific binding assay the use of such a detectable molecule in a specific bioaffinity based binding assay utilizing time resolved fluorometric determination of a specific luminescence and a solid support material conjugated with the luminescent lanthanide chelate.

No. of Pages : 65 No. of Claims : 18

(22) Date of filing of Application :06/02/2014

# (54) Title of the invention : AMINOPYRIMIDINE DERIVATIVES FOR USE AS MODULATORS OF KINASE ACTIVITY

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:C07D239/48,C07D401/04,C07D401/12 :61/533606 :12/09/2011 :U.S.A. :PCT/US2012/054877 :12/09/2012 :WO 2013/040044 O:NA :NA :NA	<ul> <li>(71)Name of Applicant : <ul> <li>1)MERCK PATENT GMBH</li> <li>Address of Applicant :Frankfurter Strasse 250 64293</li> </ul> </li> <li>Darmstadt Germany <ul> <li>(72)Name of Inventor : <ul> <li>1)LAN Ruoxi</li> <li>2)HUCK Bayard R.</li> <li>3)CHEN Xiaoling</li> <li>4)DESELM Lizbeth Celeste</li> <li>5)XIAO Yufang</li> <li>6)QIU Hui</li> <li>7)NEAGU Constantin</li> <li>8)MOCHALKIN Igor</li> <li>9)JOHNSON Theresa L.</li> </ul> </li> </ul></li></ul>
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(57) Abstract :

The invention provides novel heterocyclic amine compounds accord¬ ing to Formula (I) and their manufacture and use for the treatment of hyperproliferative diseases such as cancer.

No. of Pages : 157 No. of Claims : 10

(19) INDIA

(22) Date of filing of Application :06/02/2014

(43) Publication Date : 09/01/2015

# (54) Title of the invention : INTEGRATED CIRCUIT AND METHOD FOR DEFENDING AGAINST POWER ATTACK

(32) Priority Date:18/07(33) Name of priority country:China(86) International Application No:PCT/0Filing Date:28/11	20254254.8 7/2011 a (CN2011/0830601)CHINA ELECTRIC POWER RESEARCH INSTITUTE Address of Applicant :No.15 Xiaoyingdonglu Qinghe Haidian District Beijing 100192 China 2)STATE GRID CORPORATION OF CHINA 3)BELLING NABL SMARTCHIP MICROFLECTRONICS
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(57) Abstract :

Provided are an integrated circuit and a method for defending against a power attack. The integrated circuit comprises: a power source a power source management module (2) an algorithm module (3) a storage unit (4) control logic (5) and an attack defense module (6). The attack defense module (6) has a true random number generator (9) and a scrambling algorithm module (10). A CMOS integrated circuit is used in the scrambling algorithm module (10). The method utilizes the scrambling algorithm module (10) to process N random signals Xctrl[N:1] so as to generate N control signals Yctrl[N:1]. The integrated circuit and method enables a random consumption circuit to have a high degree of randomness thereby desirably covering the power curve and enhancing the security and reliability of information communication of the entire chip.

No. of Pages : 21 No. of Claims : 14

(22) Date of filing of Application :06/02/2014

(43) Publication Date : 09/01/2015

(54) Title of the invention : REDUCTION OF OXIDES OF NITROGEN IN A GAS STREAM USING MOLECULAR SIEVE SSZ 25

(-))	:13/198996	<ul> <li>(71)Name of Applicant :</li> <li>1)CHEVRON U.S.A. INC.</li> <li>Address of Applicant :6001 Bollinger Canyon Road San</li> <li>Ramon California 94583 U.S.A.</li> </ul>
<ul> <li>(33) Name of priority country</li> <li>(86) International Application</li> <li>No</li> <li>Filing Date</li> <li>(87) International Publication</li> </ul>	PCT/US2012/031955 :03/04/2012	<ul><li>(72)Name of Inventor :</li><li>1)ZONES Stacey I.</li><li>2)SAXTON Robert J.</li></ul>
<ul> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to</li> </ul>	:NA :NA	
Application Number Filing Date	:NA :NA	

# (57) Abstract :

The invention relates generally to molecular sieve SSZ 25 and its use in the reduction of oxides of nitrogen in a gas stream such as the exhaust from an internal combustion engine.

No. of Pages : 13 No. of Claims : 6

(19) INDIA

(22) Date of filing of Application :04/02/2014

(43) Publication Date : 09/01/2015

#### (51) International classification :G02B7/04,H02N11/00 (71)Name of Applicant : (31) Priority Document No 1)SONY CORPORATION :2011175616 (32) Priority Date Address of Applicant :1 7 1 Konan Minato ku Tokyo 1080075 :11/08/2011 (33) Name of priority country :Japan Japan (86) International Application No :PCT/JP2012/069679 (72)Name of Inventor : 1)ISHIDA Takehisa Filing Date :02/08/2012 (87) International Publication No :WO 2013/021903 2)NAGAI Nobuvuki (61) Patent of Addition to Application 3)KATO Yusaku :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(54) Title of the invention : DRIVING UNIT LENS MODULE AND IMAGE PICK- UP DEVICE

(57) Abstract :

Provided are a driving unit which is capable of inhibiting degradation in properties caused by the surrounding environment and the like. This driving unit is provided with one or more polymer actuator elements configured from an ion exchange resin said ion exchange resin containing an operating ion that has an activation energy not greater than a definite threshold. In the ion exchange resin lowering in the ion conductivity can be prevented even in an environment with for example a low humidity or high temperature.

No. of Pages : 40 No. of Claims : 13

(21) Application No.831/DELNP/2014 A

# (19) INDIA

(22) Date of filing of Application :04/02/2014

(43) Publication Date : 09/01/2015

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> </ul>	:B60S3/04 :10 2011 106 752.7 :05/07/2011 :Germany :PCT/EP2012/063177 :05/07/2012 :WO 2013/004794	<ul> <li>(71)Name of Applicant :</li> <li>1)SARFERT Stefan Address of Applicant :Sbener Strae 21 81547 M<sup>1</sup>/<sub>4</sub>nchen Germany</li> <li>(72)Name of Inventor :</li> <li>1)SARFERT Stefan</li> </ul>
6		1)SARFERT Stefan
<ul><li>(87) International Publication No</li><li>(61) Patent of Addition to Application</li><li>Number</li></ul>	:NA	
Filing Date (62) Divisional to Application Number	:NA :NA	
Filing Date	:NA	

### (54) Title of the invention : APPARATUS FOR CLEANING TWO WHEELERS

### (57) Abstract :

The invention relates to an apparatus for cleaning a two wheeler comprising a first wheel with a first axis of rotation and a second wheel with a second axis of rotation the apparatus having a housing (34) and a cleaning device which has at least two rotatable brush like cleaning rollers (43) with associated spray and/or drying devices (45) positioned on either side of the two wheeler; wherein the cleaning rollers and the spray and/or drying devices can be displaced along the two wheeler together by means of a horizontal carriage which can be moved on the longitudinal rail (47) running parallel to the longitudinal axis of the two wheeler. The housing (34) has fixed on it a wheel rotating device (5) which rotates the first wheel about the first axis of rotation and the second wheel about the second axis of rotation of the two wheeler positioned in a cleaning position within the housing. The apparatus allows more effective cleaning of two wheelers while at the same time materials energy and costs are reduced.

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

(21) Application No.866/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :05/02/2014

(43) Publication Date : 09/01/2015

# (54) Title of the invention : METHOD FOR CONCENTRATING AQUEOUS LYE AND APPARATUS SUITABLE THEREFOR

(57) Abstract :

The invention relates to a very energy efficient method for concentrating aqueous lye which for example originates from a chlor alkali electrolysis plant and to an apparatus suitable therefor. The method/the apparatus uses heat of reaction from the formation of 1 2 dichloroethane and includes multi stage concentration of the aqueous lye wherein at least part of the heat needed for the concentration of the aqueous lye originates from the plant for producing 1 2 dichloroethane and wherein at least a further part of the heat needed for the concentration of the aqueous lye originates from at least one of the higher stages of the plant for concentrating the aqueous lye and is used for the partial heating of the first stage. The apparatus can be used to upgrade existing plant complexes from DCE plant and chlor alkali electrolysis or in setting up new plants.

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

(21) Application No.627/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :27/01/2014

(43) Publication Date : 09/01/2015

#### (51) International classification :C07C7/00 (71)Name of Applicant : (31) Priority Document No 1)TOTAL RESEARCH & TECHNOLOGY FELUY :11290350.5 (32) Priority Date Address of Applicant : Zone Industrielle C B 7181 Seneffe :28/07/2011 (33) Name of priority country :EPO Belgium (86) International Application No :PCT/EP2012/063754 2) IFP ENERGIES NOUVELLES (72)Name of Inventor : Filing Date :13/07/2012 (87) International Publication No :WO 2013/014002 1)DAS Babua (61) Patent of Addition to Application 2)ARRATIA Manuela :NA Number **3)BOUTROT Catherine** :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(54) Title of the invention : PROCESS FOR REMOVING OXYGENATED CONTAMINANTS FROM AN ETHYLENE STREAM

# (57) Abstract :

The present invention is in a first embodiment a process for removing oxygenated contaminants from an ethylene stream comprising : a) providing a dried ethylene stream (A) comprising essentially ethylene up to 1 w% oxygenates ethane CO CO2 H2 CH4 and C3+ hydrocarbons b) sending said stream (A) to a stripper (also referred to as a demethanizer) to produce an overhead stream comprising essentially CO H2 and CH4 a bottom stream comprising essentially ethylene oxygenates ethane CO2 and C3+ hydrocarbons c) sending said bottom stream of step b) to a deethanizer to produce a bottom stream comprising essentially ethane oxygenates and C3+ hydrocarbons an overhead stream consisting essentially of ethylene and CO2 d) sending said overhead of step c) to a fixed bed CO2 adsorption zone to recover an ethylene stream essentially free of CO2. In another embodiment the CO2 adsorption zone can be located at the inlet of the deethanizer. In another embodiment the demethanizer is replaced by two demethanizers. In another embodiment the the deethanizer is replaced by two C2 splitters.

No. of Pages : 30 No. of Claims : 16

(22) Date of filing of Application :28/01/2014

(43) Publication Date : 09/01/2015

#### (54) Title of the invention : METHOD FOR PRODUCING HYDRAULIC POWDER

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application</li> <li>No</li> <li>Filing Date</li> <li>(87) International Publication</li> <li>No</li> </ul>	a:C04B7/52,B02C19/18,C04B24/02 :2011207032 :22/09/2011 :Japan :PCT/JP2012/073265 :12/09/2012 :WO 2013/042586	<ul> <li>(71)Name of Applicant :</li> <li>1)KAO CORPORATION <ul> <li>Address of Applicant :14 10 Nihonbashi Kayabacho 1 chome</li> </ul> </li> <li>Chuo ku Tokyo 1038210 Japan</li> <li>(72)Name of Inventor : <ul> <li>1)SHIMODA Masaaki</li> <li>2)SAGAWA Keiichiro</li> <li>3)NAGASAWA Koji</li> <li>4)HAMAI Toshimasa</li> </ul> </li> </ul>
<ul> <li>(61) Patent of Addition to</li> <li>Application Number</li> <li>Filing Date</li> <li>(62) Divisional to Application</li> <li>Number</li> <li>Filing Date</li> </ul>	:NA :NA :NA :NA	5)KAWAKAMI Hiroyuki

(57) Abstract :

The present invention is a method for producing a hydraulic powder which comprises a step wherein a hydraulic compound is pulverized in the presence of a pulverization assistant and an acid salt of a specific compound such as urea. This method for producing a hydraulic powder is characterized in that the abundance of the acid salt of a compound is 0.0001 0.05 part by weight relative to 100 parts by weight of the hydraulic compound and the weight ratio of the acid salt of a compound to the pulverization assistant (acid salt of compound/pulverization assistant) is from 40/60 to 1/99.

No. of Pages : 67 No. of Claims : 16

(22) Date of filing of Application :03/02/2014

(43) Publication Date : 09/01/2015

# (54) Title of the invention : UNTEMPERED STEEL FOR HOT FORGING HAVING EXCELLENT MACHINABILITY

<ul> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No</li> <li>Filing Date</li> </ul>	:C22C38/00,B21J5/00,C22C38/60 :2011183354 :25/08/2011 :Japan :PCT/JP2012/070922 :17/08/2012	<ul> <li>(71)Name of Applicant :</li> <li>1)SANYO SPECIAL STEEL CO. LTD. Address of Applicant :3007 Aza Ichimonji Nakashima Shikama ku Himeji shi Hyogo 6728677 Japan</li> <li>(72)Name of Inventor :</li> <li>1)FUJIMATSU Takeshi</li> </ul>
(87) International Publication No	:WO 2013/027676	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Provided is an untempered steel for hot forging having sufficient strength and excellent machinability that does not require nitriding or induction quenching. The untempered steel comprises by mass% 0.35 to 0.55% of C 0.40 to 0.80% of Si 0.90 to 1.60% of Mn 0.030 to 0.080% of S 0.30% or less of Ni 0.35% of Cr 0.05% or less of Mo 0.008 to 0.035% of Al 0.07 to 0.14% of V 0.0030% of O 0.0030 to 0.0200% of N and 0 to 0.020% of Ti with the balance being Fe and inevitable purities. The untempered steel has a C/V ratio between 2.80 and 6.00 and a C equivalent of 0.72 to 0.86 as defined by formula (1) C equivalent = C% + Si%/7 + Mn%/5 + Cr%/9 + V%/2|(1) and the composition after hot forging is that of ferrite pearlite.

No. of Pages : 17 No. of Claims : 3

(19) INDIA

(22) Date of filing of Application :06/02/2014

(43) Publication Date : 09/01/2015

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> </ul>	:30/07/2012	<ul> <li>(71)Name of Applicant :</li> <li>1)E. I. DU PONT DE NEMOURS AND COMPANY Address of Applicant :1007 Market Street Wilmington Delaware 19899 U.S.A.</li> <li>(72)Name of Inventor :</li> <li>1)KANG Byoung Sam</li> <li>2)L EVIT Mikbail B</li> </ul>
Filing Date (87) International Publication No (61) Patent of Addition to Application		1)KANG Byoung Sam 2)LEVIT Mikhail R. 3)DUART Jean Claude
Number Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA	4)REBOUILLAT Serge

# (54) Title of the invention : LAMINATES USEFUL FOR ELECTRICAL INSULATION

(57) Abstract :

A laminate useful for electrical insulation having: (a) at least one layer of a mica aramid paper comprising 55 to 95 weight percent mica and 5 to 45 weight percent aramid and (b) at least one layer of a polymeric electrical insulating film bonded to the mica aramid paper with an adhesive.

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

(21) Application No.821/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :04/02/2014

(43) Publication Date : 09/01/2015

#### (54) Title of the invention : MUTANT CANINE MADNESS VIRUS AND VACCINE

(51) International		(71)Name of Ameliaant
(51) International classification	:C12N7/04,A61K39/205,A61P31/12	(71)Name of Applicant : 1)GIFU UNIVERSITY
	001115(070	
	:2011156973	Address of Applicant :1 1 Yanagido Gifu shi Gifu 5011193
(32) Priority Date	:15/07/2011	Japan
(33) Name of priority country	:Japan	2)KYORITSU SEIYAKU CORPORATION
(86) International Application	DCT/ID2012/0/7027	(72)Name of Inventor :
		1)ITO Naoto
Filing Date	:13/07/2012	2)SUGIYAMA Makoto
(87) International Publication	·WO 2013/0110/2	
No	. WO 2015/011942	
(61) Patent of Addition to	<b>NT</b> 4	
Application Number	:NA	
Filing Date	:NA	
(62) Divisional to		
Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

To provide a canine madness vaccine which is higly safe effective and inexpensive. [Solution] Provided are: a mutant canine madness virus (e.g. strain ERA N273/394 G333 shown in fig. 2) which has at least the following mutations in a structural protein of a canine madness virus i.e. the mutation of the amino acid reside at position 273 in N protein into an amino acid residue other than phenylalanine the mutations of the amino acid reside at position 394 in N protein into an amino acid residue other than tyrosine and the mutation of the amino acid residue at position 333 in G protein into an amino acid residue other than arginine or lysine; a canine madness vaccine preparation containing the mutant canine madness virus; and others. The introduction of the mutation of the amino acid residues at position 373 and position 394 in N protein induces the improvement in immunogenicity and safety of the canine madness virus. In addition the introduction of the mutations of the amino acid residues at position 394 in N protein induces the amino acid residues at position 273 and position 394 in N protein induces the improvement in immunogenicity and safety of the canine madness virus. In addition the introduction of the mutations of the amino acid residue at position 194 in G protein into lysine occurs and as a result the possibility of the occurrence of reversion of pathogenicity of the canine madness virus caused by mutation can be reduced and the safety of the canine madness virus caused by mutation can be reduced and the safety of the canine madness virus caused by mutation can be reduced and the safety of the canine madness virus can be further improved.

No. of Pages : 42 No. of Claims : 8

(19) INDIA

(22) Date of filing of Application :06/02/2014

(43) Publication Date : 09/01/2015

#### (54) Title of the invention : COMPOSITION FOR CONTROLLED OVARIAN STIMULATION

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application <ul> <li>Number</li> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application Number <ul> <li>Filing Date</li> </ul> </li> </ul>	:11176803.2 :08/08/2011 :EPO :PCT/EP2012/065507 :08/08/2012 :WO 2013/020996 :NA :NA :NA	<ul> <li>(71)Name of Applicant : <ol> <li>FERRING BV</li> <li>Address of Applicant :Polaris Avenue 144 NL 2132 JX</li> </ol> </li> <li>Hoofddorp Netherlands</li> <li>(72)Name of Inventor : <ol> <li>ARCE Joan Carles</li> </ol> </li> </ul>
Filing Date	:NA	

(57) Abstract :

Preparations including FSH for example recombinant FSH for use in the treatment of infertility.

No. of Pages : 63 No. of Claims : 26

(19) INDIA

(22) Date of filing of Application :05/02/2014

(43) Publication Date : 09/01/2015

(54) Title of the invention : METHOD FOR CONCENTRATING AND RECOVERING AQUEOUS SOLUTION OF A SURFACTANT

(51) International classification	:B01D1/16,C08F6/14	(71)Name of Applicant :
(31) Priority Document No	:2011178859	1)ASAHI GLASS COMPANY LIMITED
(32) Priority Date	:18/08/2011	Address of Applicant :5 1 Marunouchi 1 chome Chiyoda ku
(33) Name of priority country	:Japan	Tokyo 1008405 Japan
(86) International Application No	:PCT/JP2012/070380	(72)Name of Inventor :
Filing Date	:09/08/2012	1)FUTAGAWA Norifumi
(87) International Publication No	:WO 2013/024790	2)NAGANO Shigeyuki
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		1

#### (57) Abstract :

A method for concentrating and recovering an aqueous solution of a surfactant is provided whereby an aqueous solution of a surfactant having a high concentration of the surfactant can be efficiently and easily obtained by evaporating and concentrating the aqueous solution of a surfactant while suppressing foam formation. In said method the aqueous solution of a surfactant comprising a gasifiable surfactant and a gasifiable aqueous solvent is evaporated and concentrated and the surfactant is concentrated to a high degree. The aqueous solution of a surfactant is held inside an evaporator (12) the temperature of the aqueous solution of a surfactant inside the evaporator (12) is set to a temperature lower than the boiling point of the aqueous solvent under pressure in the evaporator (12) a portion of the aqueous solution of a surfactant is extracted from the evaporator (12) all of the surfactant and the aqueous solvent therein are superheated by a superheater (14) to achieve either an annular flow or an annular mist flow and then sprayed into the evaporator (12) from a nozzle (32) having a shape such that the outlet side first narrows then widens outward and the aqueous solvent is evaporated and removed.

No. of Pages : 29 No. of Claims : 11

(19) INDIA

(22) Date of filing of Application :05/02/2014

#### (43) Publication Date : 09/01/2015

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application</li> <li>No</li> <li>Filing Date</li> <li>(87) International Publication</li> <li>No</li> <li>(61) Patent of Addition to</li> <li>Application Number</li> <li>Filing Date</li> <li>(62) Divisional to Application</li> <li>Number</li> <li>Filing Date</li> </ul>	:A01G13/02,E04B7/02,E04B7/16 :61/515197 :04/08/2011 :U.S.A. :PCT/CA2012/050534 :03/08/2012 :WO 2013/016830 :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)VOLCO INC.</li> <li>Address of Applicant :30 White Swan Road Brantford Ontario</li> <li>N3T 5L4 Canada</li> <li>(72)Name of Inventor :</li> <li>1)VOLLEBREGT Richard</li> <li>2)MCDONALD Graham</li> <li>3)LICKERS Wayne</li> <li>4)LICKERS Robert</li> </ul>

#### (54) Title of the invention : RETRACTABLE ROOF

(57) Abstract :

A roof structure to protect a crop growing area includes a retractable roof membrane or curtain that defines pitched sections of roof. The membrane is supported on wires and extends across the valley between pitched sections. Apertures are provided in the membrane to allow water to pass through the membrane. A gutter may be disposed in the valley beneath the apertures to collect the water and discharge it away from the crop growing area. A rotating drive tube mounted on an interior rafter has cables connected to the drive tube with a spring connected to each cable to regulate minimum tension of the cable. The drive system is positioned so that the membrane adjacent to the drive tube on the interior inclined rafter is able to travel the same distance as the second membrane from the drive system. The rafter contains profiles to allow the stationary end of said membrane to be attached to said rafters using both a round tube and a C shaped profile to be installed continuously along said rafter to provide a water tight connection between said rafter and said membrane. The rafter also contains clips which provide the ability to restrict the guide wires which suspend said membrane in such a way that wires are clamped to inhibit vertical lateral and horizontal movement at interior rafter locations with a different clamp at a rafter adjacent to a perimeter wall of the structure such that the guidewire can move only perpendicular to the rafter. Guidewires are typically supported by trusses but now can be alternatively supported by a network of flexible cable or rods at a lower cost. To allow for ventilation and rain protect simultaneously a secondary membrane is installed below a opening in the roof with the secondary membrane transporting rainwater which entered through the roof opening down into a gutter. To maximize the reduction in temperatures at the crop level during the summer and to hold the heat closer to the plants during the cold winter conditions winter daytime temperatures the upper retractable membrane is white and a secondary retractable membrane located closer to the plants is clear.

No. of Pages : 58 No. of Claims : 28

(22) Date of filing of Application :24/01/2014

(43) Publication Date : 09/01/2015

#### (54) Title of the invention : LOW NOISE AMPLIFIER RECEIVER METHOD AND COMPUTER PROGRAM

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application</li> </ul>	:10/07/2012 :WO 2013/020768 :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)TELEFONAKTIEBOLAGET L M ERICSSON (PUBL) Address of Applicant :S 164 83 Stockholm Sweden</li> <li>(72)Name of Inventor :</li> <li>1)SJ-LAND Henrik</li> </ul>
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA	

#### (57) Abstract :

A differential cross coupled common source or common emitter low noise amplifier having capacitive degeneration is disclosed. Further a radio receiver comprising such a low noise amplifier is disclosed. Further a method of controlling switched capacitive networks of an amplifier is disclosed. The method comprises controlling capacitances of the switched degeneration capacitor networks and/or the switched cross coupling capacitor networks. Further a computer program for implementing the method is disclosed.

No. of Pages : 22 No. of Claims : 16

(19) INDIA

(22) Date of filing of Application :28/01/2014

(43) Publication Date : 09/01/2015

#### (54) Title of the invention : BEVERAGE COLLECTOR FOR COLLECTING CENTRIFUGED LIQUID AND CENTRIFUGAL BEVERAGE MACHINE USING SUCH COLLECTOR

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> </ul>	:A47J31/22 :11176918.8 :09/08/2011 :EPO :PCT/EP2012/065317 :06/08/2012 :WO 2013/020940	<ul> <li>(71)Name of Applicant :</li> <li>1)NESTEC S.A. Address of Applicant :Av. Nestl 55 CH 1800 Vevey Switzerland</li> <li>2)ROTHACHER ETTER Manuela</li> <li>(72)Name of Inventor :</li> <li>1)PERENTES Alexandre</li> <li>2)JARISCH Christian</li> </ul>
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e		
	:WO 2013/020940	·
	:NA	2)JARISCH Christian
Number	:NA	
Filing Date	.1 \7	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Beverage collector (11) for collecting a centrifuged brewed liquid coming from a rotating brewing unit (2); said collector comprising: a collecting track (13) forming an annular cavity and at least one outlet (14) extending radially in the collecting track (13) for allowing the brewed liquid received in the collecting track to evacuate out of the collecting track wherein said collecting track comprises at least one ramp surface (15) lowering in the annular direction (O) towards the outlet (14).

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

(21) Application No.815/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :04/02/2014

(43) Publication Date : 09/01/2015

<ul><li>(51) International classification</li><li>(31) Priority Document No</li></ul>	:A61B17/04,A61F2/08 :13/198421	(71)Name of Applicant : 1)SMITH & NEPHEW INC.
(32) Priority Date	:04/08/2011	Address of Applicant :1450 Brooks Road Memphis Tennessee
(33) Name of priority country	:U.S.A.	38116 U.S.A.
(86) International Application No	:PCT/US2012/048037	(72)Name of Inventor :
Filing Date	:25/07/2012	1)PERRIELLO Michael James
(87) International Publication No	:WO 2013/019485	2)BERUBE Alfred Rodrigue
(61) Patent of Addition to Application Number Filing Date	:NA :NA	3)FERRAGAMO Michael Charles
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (54) Title of the invention : SUSPENSION DEVICE TO ANCHOR TISSUE GRAFT

(57) Abstract :

A tissue graft suspension device includes a platform member defining an opening a suture having a first portion and a second portion and a fixation member mating with the opening in the platform member. The first portion and the second portion pass through the opening such that a third portion of the suture forms a loop for attachment to a tissue graft. The fixation member includes a retaining mechanism configured to allow the first portion or the second portion to pass through the opening in a manner that decreases a size of the loop and to prevent the first portion or the second portion of the suture from passing through the opening in a manner that increases a size of the loop.

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

(19) INDIA

(22) Date of filing of Application :05/02/2014

(43) Publication Date : 09/01/2015

(54) Title of the invention : METHODS AND SYSTEMS FOR THE MANUFACTURE AND INITIATION OF A PRESSURE DETECTION MAT

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:G01B7/16 :61/507418 :13/07/2011 :U.S.A. :PCT/IB2012/053538 :11/07/2012 :WO 2013/008187 :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)ENHANCED SURFACE DYNAMICS INC. Address of Applicant :42 Richland Road Wellesley Massachusetts 02481 U.S.A.</li> <li>(72)Name of Inventor :</li> <li>1)REMEZ Tal Natan</li> <li>2)BEN SHALOM Amir</li> <li>3)AVERBUCH Gusti Yoram</li> </ul>
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#### (57) Abstract :

A method for manufacture of a pressure sensing mat comprising the steps of: (a) preparing two conductive layers each conductive layer comprising an array of conducting strips mounted upon a substrate arranged in a parallel fashion wherein the conducting strips of the first conductive layer are oriented perpendicularly in relation to the conducting strips of the second conductive layer; (b) for each conductive layer connecting each of the conducting strips to a communication line; (c) sandwiching a compressible layer between the two conductive layers; and (d) performing a pressure reading standardization test to the mat.

No. of Pages : 30 No. of Claims : 22

(19) INDIA

(22) Date of filing of Application :04/02/2014

(43) Publication Date : 09/01/2015

(51) International classification	:C12P13/12,C12P7/46	(71)Name of Applicant :
(31) Priority Document No	:NA	1)ARKEMA FRANCE
(32) Priority Date	:NA	Address of Applicant :420 rue dEstienne dOrves F 92700
(33) Name of priority country	:NA	Colombes France
(86) International Application No	:PCT/EP2011/065241	2)CJ CHEILJEDANG CORPORATION
Filing Date	:02/09/2011	(72)Name of Inventor :
(87) International Publication No	:WO 2013/029690	1)FREMY Georges
(61) Patent of Addition to Application	:NA	2)BARRE Patrice
Number	:NA	3)KIM So Young
Filing Date	.117A	4)SON Sung Kwang
(62) Divisional to Application Number	:NA	5)LEE Sang Mok
Filing Date	:NA	
(62) Divisional to Application Number	:NA	

#### (54) Title of the invention : PREPARATION PROCESS OF L- METHIONINE

(57) Abstract :

The present invention relates to a method for producing L methionine using a bio synthesis process and a specific enzymatic process. More particularly the present invention relates to a method for producing L methionine with high yield by enzyme conversion reaction from L methionine precursor in the presence of methyl mercaptan (CHSH). The process of the present invention enables selective production of L methionine which may be used in various fields of industry such as feed and food additives as raw material for medical supplies pharmaceutical drugs and the like.

No. of Pages : 19 No. of Claims : 12

(22) Date of filing of Application :06/02/2014

(43) Publication Date : 09/01/2015

(54) Title of the invention : METHOD FOR PREPARING LTA TYPE ZEOLITES USING A NOVEL STRUCTURE DIRECTING AGENT

(51) International classification:C01B39/02,C01B39/06,C07C211/63(31) Priority Document No:13/233232(32) Priority Date:15/09/2011(33) Name of priority country:U.S.A.(86) International Filing Date:PCT/US2012/043512(87) International Publication No (61) Patent of Addition to Filing Date:WO 2013/039583(82) Divisional to Filing Date:NA :NA :NA(62) Divisional to Filing Date:NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)CHEVRON U.S.A. INC. Address of Applicant :6001 Bollinger Canyon Road San Ramon California 94583 U.S.A.</li> <li>(72)Name of Inventor :</li> <li>1)BURTON Allen W.</li> <li>2)SHAYIB Ramzy M.</li> </ul>
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(57) Abstract :

The present invention relates to a method for preparing LTA type zeolites using tris[2 (isopropylamino)ethyl]amine as a structure directing agent.

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

(22) Date of filing of Application :29/01/2014

(43) Publication Date : 09/01/2015

#### (54) Title of the invention : METHOD FOR TREATING ARSENIC CONTAINING AQUEOUS SOLUTION

(51) International classification	n:C02F1/32,B01D61/02,B01D63/08	(71)Name of Applicant :
(31) Priority Document No	:2012134413	1)PANASONIC CORPORATION
(32) Priority Date	:14/06/2012	Address of Applicant :1006 Oaza Kadoma Kadoma shi Osaka
(33) Name of priority country	:Japan	5718501 Japan
(86) International Application	:PCT/JP2013/003589	(72)Name of Inventor :
No	:06/06/2013	1)MARUO Yuko
Filing Date	.00/00/2013	2)INO Daisuke
(87) International Publication	:WO 2013/187028	
No		
(61) Patent of Addition to	:NA	
Application Number	:NA	
Filing Date		
(62) Divisional to Application	:NA	
Number	:NA	
Filing Date	.1 12 1	

(57) Abstract :

A titanium dioxide photocatalyst that excels in both photocatalytic activity and solid liquid separation performance is applied to water treatment to provide a method for treating an arsenic containing aqueous solution. This method is provided with the following steps: a step in which catalyst particles are added to the aforementioned aqueous solution; a step in which the aqueous solution is exposed to light having a wavelength of 200 400 nm while the catalyst particles are agitated within the aqueous solution thereby oxidizing trivalent arsenic; and a step in which the agitation is stopped and the catalyst particles are separated out from the aqueous solution via precipitation. The catalyst particles consist of titanium dioxide particles and zeolite particles. The titanium dioxide particles are adsorbed to the outer surfaces of the zeolite particles. The molar ratio of silica to alumina in the zeolite is greater than or equal to 10:1 and the concentration of the catalyst particles in the aqueous solution is 0.4 16 g/L.

No. of Pages : 38 No. of Claims : 6

(22) Date of filing of Application :29/01/2014

(43) Publication Date : 09/01/2015

## (54) Title of the invention : METHOD OF ADAPTING THE PARAMETER SET OF A MOBILE TERMINAL TRANSCEIVER BASED UPON ITS GEOGRAPHICAL POSITION

#### (57) Abstract :

A method of a transceiver arranged to operate according to a Radio Access Technology RAT in a cellular communication system is disclosed. The method comprises determining (100) a position value for the transceiver; accessing (104) a database based on the determined position value wherein a transceiver parameter set corresponding to the position value is acquired wherein the transceiver parameter set is arranged to adapt operation of the transceiver for the determined position within the RAT; and applying (106) settings of the transceiver according to the acquired transceiver parameter set. A transceiver and a computer program are also disclosed.

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

(22) Date of filing of Application :04/02/2014

(43) Publication Date : 09/01/2015

### (54) Title of the invention : PROCESS FOR REDUCING THE BENZENE CONTENT GASOLINE

(51) International classification	:C10G29/20,C07C2/66	(71)Name of Applicant :
(31) Priority Document No	:PCT/US2011/048463	1)BADGER LICENSING LLC
(32) Priority Date	:19/08/2011	Address of Applicant : One Financial Center Boston MA
(33) Name of priority country	:U.S.A.	02111 U.S.A.
(86) International Application No	:PCT/US2011/062635	(72)Name of Inventor :
Filing Date	:30/11/2011	1)HWANG Shyh Yuan H.
(87) International Publication No	:WO 2013/028215	2)BIRKHOFF Ronald
(61) Patent of Addition to Application	:NA	3)GUARINO Richard F.
Number	:NA :NA	4)MOY J. Erik
Filing Date	.INA	5)PHERWANI Geeta
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		1

(57) Abstract :

A process is described for alkylating benzene contained in a refinery gasoline stream in which the refinery gasoline stream is contacted with an alkylating agent comprising one or more C2 to C5 olefins in an alkylation reaction zone under alkylation conditions to produce an alkylated effluent. The alkylation reaction zone comprises at least a first alkylation reaction stage and a second alkylation reaction stage and a portion of said alkylating agent is fed to each of said first and second alkylation reaction stages so that although the molar ratio of alkylatable aromatic to alkylating agent at the inlet of each of the first and second alkylation reaction stages is at least 1.0..

No. of Pages : 14 No. of Claims : 11

(19) INDIA

(22) Date of filing of Application :06/02/2014

#### (43) Publication Date : 09/01/2015

#### (54) Title of the invention : METHOD FOR PRODUCING EDFA AND/OR EDMFA AND DETA AND/OR TETA

(57) Abstract :

Method for reacting ethylenediamine (EDA) with formaldehyde to form ethylenediamine formaldehyde adduct (EDFA) and/or ethylenediamine monoformaldehyde adduct (EDMFA) characterized in that the reaction of FA with EDA is carried out at a temperature ranging from 20 to 70°C.

No. of Pages : 56 No. of Claims : 11

#### (19) INDIA

(22) Date of filing of Application :03/02/2014

(43) Publication Date : 09/01/2015

#### (54) Title of the invention : SIGNAL PROCESSING DEVICE SIGNAL PROCESSING METHOD SIGNAL PROCESSING SYSTEM AND PROGRAM

(51) International classification	:G10K15/04	(71)Name of Applicant :
(31) Priority Document No	:2011174934	1)SONY CORPORATION
(32) Priority Date	:10/08/2011	Address of Applicant :1 7 1 Konan Minato ku Tokyo 1080075
(33) Name of priority country	:Japan	Japan
(86) International Application No	:PCT/JP2012/069612	(72)Name of Inventor :
Filing Date	:01/08/2012	1)NISHIGORI Shuichiro
(87) International Publication No	:WO 2013/021896	2)INOUE Akira
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(57) 11		

#### (57) Abstract :

The present technology relates to a signal processing device signal processing method signal processing system and program such that a harmonizing interval is appropriately set in accordance with a singing state of a singer and a harmonize effect is added. An enthusiastic singing degree calculation unit (51) calculates an enthusiastic singing degree including a characteristic quantity that indicates an enthusiastic singing state of the singer of a song. A harmony signal control unit (56) determines whether or not to superimpose a harmony audio signal on a singing audio signal of the singer of the song on the basis of the enthusiastic singing degree calculated by the enthusiastic singing degree calculation unit (51) and superimposes the harmony audio signal on the singing audio signal on the basis of the determination result said harmony audio signal being generated by a pitch detection unit (52) a harmony key determination unit (53) and a pitch shifter (54). The present technology can be applied to a karaoke device.

No. of Pages : 66 No. of Claims : 9

(22) Date of filing of Application :06/02/2014

(43) Publication Date : 09/01/2015

## (54) Title of the invention : ALPHA 2 ADRENERGIC MODULATORS FOR TREATING VISUAL DISORDERS MEDIATED BY CENTRAL VISUAL PROJECTIONS FROM THE EYE

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No <ul> <li>Filing Date</li> <li>(87) International</li> <li>Publication No</li> <li>(61) Patent of Addition to Application Number</li> <li>Filing Date</li> <li>(62) Divisional to</li> <li>Application Number</li> <li>Filing Date</li> </ul> </li> </ul>	:01/510521 :22/07/2011 :U.S.A. :PCT/US2012/047064 :17/07/2012 :WO 2013/016073	<ul> <li>(71)Name of Applicant :</li> <li>1)ALLERGAN INC. Address of Applicant :2525 Dupont Drive Irvine California</li> <li>92612 U.S.A.</li> <li>(72)Name of Inventor :</li> <li>1)STAUBLI Ursula V.</li> <li>2)FOSTER Alan C.</li> <li>3)GIL Daniel W.</li> <li>4)DONELLO John E.</li> </ul>
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(57) Abstract :

The present invention relates to a method for treating visual disorders mediated by lateral geniculate nucleus superior colliculus and the visual cortex by administering to a patient in need of such treatment compounds acting at the alpha 2 adrenergic receptors.

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

(21) Application No.880/DELNP/2014 A

(19) INDIA(22) Date of filing of Application :06/02/2014

(43) Publication Date : 09/01/2015

#### (54) Title of the invention : N-(-5-FLUORO-2((4-METHYLBENZYL)OXY)PYRIMIDIN-4-YL) BENZAMIDE DERIVATIVES

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No</li> <li>Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to</li> </ul>	:17/08/2011 y:U.S.A. <sup>n</sup> :PCT/US2012/050931 :15/08/2012 <sup>n</sup> :WO 2013/025796 :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)DOW AGROSCIENCES LLC Address of Applicant :9330 Zionsville Road Indianapolis IN 46268 U.S.A.</li> <li>(72)Name of Inventor :</li> <li>1)BRYAN Kristy</li> <li>2)LORSBACH Beth</li> <li>3)MEYER Kevin G.</li> <li>4)OWEN W. John</li> <li>5)SULLENBERGER Michael T.</li> <li>6)WEBSTER Jeffery D.</li> <li>7)YAO Chenglin</li> </ul>
Application Number Filing Date	:NA :NA	

(57) Abstract :

This present disclosure is related to the field of N (5 fluoro 2 ((4 methylbenzyl)oxy)pyrimidin 4 yl)benzamides and their derivatives and to the use of these compounds as fungicides.

No. of Pages : 25 No. of Claims : 4

#### (19) INDIA

(22) Date of filing of Application :05/02/2014

(43) Publication Date : 09/01/2015

#### (54) Title of the invention : IDENTIFYING AFFINITY MATURED HUMAN ANTIBODIES

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No</li> <li>Filing Date</li> </ul>		<ul> <li>(71)Name of Applicant :</li> <li>1)XBIOTECH INC.</li> <li>Address of Applicant :1055 West Hastings Street Suite 300</li> <li>Vancouver BC V6E 2E9 Canada</li> <li>(72)Name of Inventor :</li> <li>1)SIMARD John</li> </ul>
(87) International Publication No	:WO 2013/009967	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Antigen specific immunoglobulin V regions are identified from a library of nucleic acids amplified using polymerase chain reaction using leader sequence specific forward primers. The use of leader sequence primers allows all V region sequences to be amplified (including those with extensive 5 end mutations) without loss of the original 5 V gene segment sequence. These libraries can be screened for antigen specific V regions using eukaryotic cells engineered to express the amplified V region encoding nucleic acids or using bacterial phage display techniques. In the latter a second V region library is made using a larger than conventional set of 5 V region primers. The sequence errors introduced into the amplification products by this method are corrected using sequence information obtained in the products amplified by the V region primers to screen the library created using the leader sequence primers. Amino acid sequence information from fragments of donor immunoglobulins can be used to assist in the identification of nucleic acids encoding the heavy and light chains of donor antibodies as well as to design primers to amplify such nucleic acids.

No. of Pages : 63 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION (19) INDIA		(21) Application No.900/DELNP/2014 A		
(22) Date of filing of Application :06/02/2014		(43) Publication Date : 09/01/2015		
(54) Title of the invention : ATT	(54) Title of the invention : ATTRITION SELECTIVE PARTICLES			
<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application</li> <li>No <ul> <li>Filing Date</li> <li>(87) International Publication</li> </ul> </li> <li>No <ul> <li>(61) Patent of Addition to</li> <li>Application Number</li> <li>Filing Date</li> </ul> </li> </ul>	:B01J35/02,C10G11/18,B01J8/18 :61/528325 :29/08/2011 :U.S.A. :PCT/US2012/052663 :28/08/2012 :WO 2013/033095 :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)CHEVRON U.S.A. INC. Address of Applicant :6001 Bollinger Canyon Road San Ramon California 94583 U.S.A.</li> <li>(72)Name of Inventor :</li> <li>1)LI Dong X.</li> </ul>		

(57) Abstract :

Filing Date

Number

(62) Divisional to Application

:NA

:NA

Additive particles for use in a fluid catalytic cracking system are provided for reducing the opacity of flue gas that is generated from a regenerator within the system. Particles are supplied to the unit to catalyze the cracking of hydrocarbon feeds and to react with sulfur oxides that are produced during regeneration of catalysts supplied for the cracking reactions. At least a portion of the supplied particles include active particulates and a binder with at least a portion of the active particulates being in a size range from 0.5 to 40 microns.

No. of Pages : 34 No. of Claims : 24

(22) Date of filing of Application :06/02/2014

(43) Publication Date : 09/01/2015

(54) Title of the invention : REDUCTION OF OXIDES OF NITROGEN IN A GAS STREAM USING MOLECULAR SIEVE SSZ 28

(51) International classification	:B01D53/56,B01D53/94,B01D53/02	(71)Name of Applicant : 1)CHEVRON U.S.A. INC.
(31) Priority Document No	:13/204023	Address of Applicant :6001 Bollinger Canyon Road San
(32) Priority Date	:05/08/2011	Ramon California 94583 U.S.A.
(33) Name of priority country	/:U.S.A.	(72)Name of Inventor :
(86) International	:PCT/US2012/031358	1)ZONES Stacey I.
Application No	:30/03/2012	2)SAXTON Robert J.
Filing Date		
(87) International Publication No	:WO 2013/022493	
(61) Patent of Addition to	:NA	
Application Number	:NA	
Filing Date	.1 12 1	
(62) Divisional to	:NA	
Application Number	:NA	
Filing Date	- · ·	

#### (57) Abstract :

The invention relates generally to molecular sieve SSZ 28 and its use in the reduction of oxides of nitrogen in a gas stream such as the exhaust from an internal combustion engine.

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

(22) Date of filing of Application :06/02/2014

(43) Publication Date : 09/01/2015

#### (54) Title of the invention : APPARATUS AND METHOD FOR FORMING GLASS SHEETS

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority</li> <li>country</li> <li>(86) International</li> <li>Application No <ul> <li>Filing Date</li> <li>(87) International</li> </ul> </li> <li>Publication No</li> <li>(61) Patent of Addition to</li> <li>Application Number <ul> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to</li> <li>Application Number</li> </ul>	:29/08/2011 :U.S.A. :PCT/US2012/052610 :28/08/2012 :WO 2013/033063 :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)CORNING INCORPORATED Address of Applicant :1 Riverfront Plaza Corning New York</li> <li>14831 U.S.A.</li> <li>(72)Name of Inventor :</li> <li>1)KOHLI Jeffrey Todd</li> </ul>
Application Number Filing Date	:NA	

#### (57) Abstract :

Disclosed is a method of reducing the compaction of glass formed by a down draw process. The glass may be a glass sheet or a glass ribbon. Once the glass is formed it is thermally treated on a molten metal bath for a time and at a temperature effective to reduce the fictive temperature of the glass below a predetermined level. In one embodiment a glass ribbon is formed in a fusion process and the glass ribbon redirected onto a molten metal bath where the ribbon is thermally treated.

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

(19) INDIA

(22) Date of filing of Application :06/02/2014

(43) Publication Date : 09/01/2015

### (54) Title of the invention : ENERGY EXCHANGE SYSTEM FOR CONDITIONING AIR IN AN ENCLOSED STRUCTURE

(51) International classification	:F24F12/00,F24F3/147	(71)Name of Applicant :
(31) Priority Document No	:61/530810	1)VENMAR CES INC.
(32) Priority Date	:02/09/2011	Address of Applicant :1502 D. Quebec Avenue Saskatoon
(33) Name of priority country	:U.S.A.	Saskatchewan S7K 1V7 Canada
(86) International Application No	:PCT/CA2012/000749	(72)Name of Inventor :
Filing Date	:08/08/2012	1)HEMINGSON Howard Brian
(87) International Publication No	:WO 2013/029148	2)GERBER Manfred
(61) Patent of Addition to Application	:NA	3)COUTU Ken
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
( <b>57</b> ) <b>A</b> 1. stur st :		·

(57) Abstract :

Certain Embodiments provide an energy exchange system that includes a supply air flow path an exhaust air flow path an energy recovery device disposed within the supply and exhaust air flow paths and a supply conditioning unit disposed within the supply air flow path. The supply conditioning unit may be downstream from the energy recovery device. Certain embodiments provide a method of conditioning air including introducing outside air as supply air into a supply air flow path pre conditioning the supply air with an energy recovery device and fully conditioning the supply air with a supply conditioning unit that is downstream from the energy recovery device.

No. of Pages : 63 No. of Claims : 66

(19) INDIA

(22) Date of filing of Application :06/02/2014

(43) Publication Date : 09/01/2015

(51) International classification	:G07C9/00	(71)Name of Applicant :
(31) Priority Document No	:1113823.7	1)G4S Monitoring Technologies Limited
(32) Priority Date	:11/08/2011	Address of Applicant :Carlton House Carlton Road Worksop
(33) Name of priority country	:U.K.	Nottinghamshire S81 7QF U.K.
(86) International Application No	:PCT/GB2012/051912	(72)Name of Inventor :
Filing Date	:07/08/2012	1)POTTER John
(87) International Publication No	:WO 2013/021193	
(61) Patent of Addition to Application	:NA	
Number	:NA :NA	
Filing Date	.NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (54) Title of the invention : PERSONAL IDENTIFICATION SYSTEM

(57) Abstract :

A method of monitoring objects such as offenders the method including the steps of: providing an electronic monitoring device for attachment to an object to be monitored; providing a tamper evident tether for attachment of the electronic monitoring device to the object to be monitored; attaching the electronic monitoring device to the object to be monitored using the tamper evident tether; and remotely monitoring the electronic monitoring device in order to monitor the location of the object. The method further includes the steps of: providing the tamper evident tether with a unique identifier; providing an electronic data store remote from the electronic monitoring device; recording the unique identifier for the tether in the electronic data store together with information about the object to be monitored and/or the associated electronic monitoring device; and performing an interrogation step at least once after the date on which the electronic monitoring device is first attached to the object to determine whether the tether associated with the electronic monitoring device has the same unique identifier as that recorded in the electronic data store.

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

(21) Application No.855/DELNP/2014 A

(22) Date of filing of Application :05/02/2014

(43) Publication Date : 09/01/2015

#### (54) Title of the invention : VEHICLE DETECTION DEVICE AND VEHICLE DETECTION METHOD

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application</li> <li>No</li> <li>Filing Date</li> <li>(87) International Publication</li> <li>No</li> <li>(61) Patent of Addition to</li> <li>Application Number</li> <li>Filing Date</li> <li>(62) Divisional to Application</li> <li>Number</li> <li>Filing Date</li> </ul>	<ul> <li>G08G1/04,G01B11/00,G06T1/00</li> <li>:2011170307</li> <li>:03/08/2011</li> <li>:Japan</li> <li>:PCT/JP2012/069171</li> <li>:27/07/2012</li> <li>:WO 2013/018708</li> <li>:NA</li> <li>:NA</li> <li>:NA</li> </ul>	<ul> <li>(71)Name of Applicant :</li> <li>1)KABUSHIKI KAISHA TOSHIBA Address of Applicant :1 1 Shibaura 1 chome Minato ku Tokyo 1058001 Japan</li> <li>(72)Name of Inventor :</li> <li>1)AOKI Yasuhiro</li> <li>2)SATO Toshio</li> <li>3)TAKAHASHI Yusuke</li> </ul>
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(57) Abstract :

A vehicle detection device of an embodiment is provided with a controller to detect a vehicle from a captured image of the vehicle. The controller extracts a plurality of line segment components indicating boundaries between a specific area of the vehicle and the vehicle body contained in the captured image. Further the controller measures the position of the vehicle on the basis of coordinate information of the extracted line segment components and image capturing position information of the captured image.

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

(22) Date of filing of Application :12/08/2013

(43) Publication Date : 09/01/2015

#### (51) International classification :A23G3/52,A23G3/48 (71)Name of Applicant : (31) Priority Document No 1)CONAGRA FOODS RDM INC. :13/033192 (32) Priority Date :23/02/2011 Address of Applicant : One Conagra Drive Omaha NE 68102 (33) Name of priority country :U.S.A. U.S.A. (86) International Application No :PCT/US2012/026029 (72)Name of Inventor : Filing Date :22/02/2012 **1)JENSEN Michael** (87) International Publication No :WO 2012/116011 2) BELLESON James Wesley (61) Patent of Addition to Application 3)WRIGHT Tyler S. :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(54) Title of the invention : INGREDIENT DELIVERY SYSTEM FOR POPCORN KERNELS

(57) Abstract :

An ingredient delivery system for popcorn kernels is described. The ingredient delivery system can include multiple layers. The synergy formed from the multiple layers of the ingredient delivery system results in a popped popcorn with minimal flaking and blow off. Thus a greater ingredient impact is imparted to the consumer. Also the layer combination minimizes any hindrance of the natural popping action of the kernels. Thus consumers have a greater pop volume for consumption.

No. of Pages : 50 No. of Claims : 24

(21) Application No.349/MUMNP/2014 A

(22) Date of filing of Application :24/02/2014

(43) Publication Date : 09/01/2015

#### (54) Title of the invention : PROFILED SEAMING ELEMENT FOR INDUSTRIAL TEXTILES

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No</li> <li>Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to</li> <li>Application Number</li> <li>Filing Date</li> <li>(62) Divisional to Application</li> <li>Number</li> <li>Filing Date</li> </ul>	:26/07/2012	<ul> <li>(71)Name of Applicant :</li> <li>1)ASTENJOHNSON INC. Address of Applicant :4399 Corporate Road Charleston South Carolina 29405 U.S.A.</li> <li>(72)Name of Inventor :</li> <li>1)MANNINEN Allan R.</li> </ul>
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#### (57) Abstract :

A seaming element for an industrial textile a textile with seaming elements and a method. The seaming element has first and second end regions a fold line in an intermediate fold region and outer and inner surfaces. Each end region comprises slits extending from the outer surface through to the inner surface defining protrusions which provide a profile to at least one of the surfaces. Apertures aligned along the fold line define a plurality of land areas. When the seaming element is folded along the fold line the land areas form a plurality of loops defining a channel. When the seaming element is secured at each end region to a first end of the industrial textile the loops are interdigitatable with corresponding loops on a compatible seaming element at a second end of the industrial textile to define a single aligned channel to receive a securing means.

No. of Pages : 33 No. of Claims : 21

(19) INDIA

(22) Date of filing of Application :25/03/2014

#### (43) Publication Date : 09/01/2015

#### (54) Title of the invention : PYRROLOBENZODIAZEPINES

classification       1007/0487/04,007/0519/00,A61K51/5517       1         (31) Priority Document       :61/547198       For         No       :61/547198       For         (32) Priority Date       :14/10/2011       2         (33) Name of priority       :U.S.A.       1         (86) International       :PCT/EP2012/070233       2         Application No       :12/10/2012       3	<ul> <li>(71)Name of Applicant : <ul> <li>1)SPIROGEN SRL</li> <li>Address of Applicant :Chemin De La Pacottaz 1 c/o Michael</li> </ul> </li> <li>Forer CH 1806 St Lgier La Chisaz Switzerland</li> <li>2)SEATTLE GENETICS INC.</li> <li>(72)Name of Inventor : <ul> <li>1)HOWARD Philip Wilson</li> <li>2)TIBERGHIEN Arnaud</li> <li>3)JEFFREY Scott</li> <li>4)BURKE Patrick</li> </ul> </li> </ul>
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#### (57) Abstract :

A compound with the formula (I) wherein: R is of formula (II) where X is selected from the group comprising:

OH SH COH COH N=C=O NHNH CONHNH formula (A) formula (B) NHR wherein R is selected from the group comprising H and C alkyl; R R and R are independently selected from H and unsubstituted C alkyl; and either: R is selected from the group consisting of: (ia) 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; (ib) C saturated aliphatic alkyl; (ic) C saturated cycloalkyl; (id) formula (C) wherein each of R R and R are independently selected from H C saturated alkyl C alkenyl Calkynyl and cyclopropyl where the total number of carbon atoms in the R group is no more than 5; (ie) formula (D) wherein one of R and R is H and the other is selected from: phenyl which phenyl is optionally substituted by a group selected from halo methyl methoxy; pyridyl; and thiophenyl; and (if) formula (E) where R is selected from: H; C saturated alkyl; C alkenyl; C alkynyl; cyclopropyl; phenyl which phenyl is optionally substituted by a group selected from halo methyl methoxy; pyridyl; and thiophenyl; 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; Ris 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 : 108 No. of Claims : 57

(19) INDIA

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

#### (51) International classification :C12N15/113 (71)Name of Applicant : (31) Priority Document No 1)QUARK PHARMACEUTICALS INC. :61/448723 (32) Priority Date Address of Applicant :6501 Dumbarton Circle Fremont :03/03/2011 (33) Name of priority country California 94555 U.S.A. :U.S.A. (86) International Application No 2)WASHINGTON UNIVERSITY :PCT/US2012/027169 Filing Date :01/03/2012 (72)Name of Inventor : (87) International Publication No :WO 2012/118910 1)GELMAN Andrew E. (61) Patent of Addition to Application 2)FEINSTEIN Elena :NA Number **3)ADAMSKY Svetlana** :NA Filing Date 4)METT Igor (62) Divisional to Application Number :NA 5)KALINSKI Hagar Filing Date **6)AVKIN NACHUM Sharon** :NA

(54) Title of the invention : COMPOSITIONS AND METHODS FOR TREATING LUNG DISEASE AND INJURY

#### (57) Abstract :

Disclosed herein are therapeutic methods for treating lung diseases disorders and injury in a mammal including treatment of acute respiratory distress syndrome (ARDS) acute lung injury pulmonary fibrosis (idiopathic) bleomycin induced pulmonary fibrosis mechanical ventilator induced lung injury chronic obstructive pulmonary disease (COPD) chronic bronchitis emphysema bronchiolitis obliterans after lung transplantation and lung transplantation induced acute graft dysfunction including treatment prevention or prevention of progression of primary graft failure ischemia reperfusion injury reperfusion edema allograft dysfunction pulmonary reimplantation in particular in lung transplantation and/or primary graft dysfunction (PGD) after organ transplantation in particular in lung transplantation comprising down regulating the TLR2 gene or both the TLR2 gene and TLR4 gene. Provided herein are compositions methods and kits for treating lung diseases disorders and injury.

No. of Pages : 141 No. of Claims : 81

(19) INDIA

(22) Date of filing of Application :09/01/2014

(43) Publication Date : 09/01/2015

### (54) Title of the invention : SUBSTITUTED TRIAZOLES USEFUL AS AXL INHIBITORS

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(11) Potent of Addition to Application</li> </ul>	:C07D237/26, A61K31/502 :60/882,893 :29/12/2006 :U.S.A. :PCT/US2007/089155 :28/12/2007 :WO/2008/083356	2)ZHANG, Jing 3)SYLVAIN, Catherine
<ul> <li>(61) Patent of Addition to Application</li> <li>Number</li> <li>Filing Date</li> <li>(62) Divisional to Application Number</li> <li>Filed on</li> </ul>	:NA :NA :1401/MUMNP/2009 :27/07/2009	4)SINGH, Rajinder 5)HOLLAND, Sacha 6)YU, Jiaxin 7)HECKRODT, Thilo 8)DING, Pingyu

(57) Abstract :

Substituted triazoles and pharmaceutical compositions containing the compounds are disclosed as being useful in inhibiting the activity of the receptor protein tyrosine kinase Axl. Methods of using the compounds in treating diseases or conditions associated with Axl activity are also disclosed.

No. of Pages : 289 No. of Claims : 19

(19) INDIA

(22) Date of filing of Application :08/03/2014

(43) Publication Date : 09/01/2015

(51) International classification	:G09B5/00	(71)Name of Applicant :
(31) Priority Document No	:2249/MUM/2011	1)MONK AKARSHALA DESIGN PVT LTD
(32) Priority Date	:10/08/2011	Address of Applicant :1103 A Wing Hillside Raheja Vihar
(33) Name of priority country	:India	Powai Mumbai a 400072 Maharashtra India
(86) International Application No	:PCT/IB2012/002108	2)MONK AKARSHALA INC.
Filing Date	:08/08/2012	(72)Name of Inventor :
(87) International Publication No	:WO 2013/021287	1)KAPOOR Samridh
(61) Patent of Addition to Application	. NT A	
Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (54) Title of the invention : MODULARITY IN A LEARNING SYSTEM

(57) Abstract :

A system and a method are disclosed for managing the purchase and performance of a microlearning stack comprising a learning application and associated application services in a modular learning system by a learning user. Application services include access to tutoring services learning facilities learning tools and other services associated with each learning application. Learning applications are stored in a modular learning system and include a variety of metadata used to determine compatibility to learning users and application services before purchase or performance of a microlearning stack. The modular learning system determines the purchase compatibility performance compatibility and service availability of micro learning stacks before granting or denying purchase or performance of the learning application and associated application services in the requested stack.

No. of Pages : 90 No. of Claims : 119

(22) Date of filing of Application :27/03/2014

### (54) Title of the invention : SUBSTITUTED BENZYLAMINE COMPOUNDS THEIR USE IN MEDICINE AND IN PARTICULAR THE TREATMENT OF HEPATITIS C VIRUS (HCV) INFECTION

(51) International classification	:C07D209/14,C07D213/75,C07D231/12	(71)Name of Applicant : 1)ASTEX THERAPEUTICS LIMITED
(31) Priority Document No	:1118876.0	Address of Applicant :436 Cambridge Science Park Milton Road Cambridge Cambridgeshire CB4 0QA U.K.
(32) Priority Date	:01/11/2011	(72)Name of Inventor :
(33) Name of priority country	:U.K.	1)WOODHEAD Andrew James 2)CHESSARI Gianni
(86) International Application No Filing Date	:PCT/EP2012/071560 :31/10/2012	3)BESONG Gilbert Ebai 4)CARR Maria Grazia 5)HISCOCK Steven Douglas
(87) International Publication No	:WO 2013/064538	6)OBRIEN Michael Alistair 7)REES David Charles
(61) Patent of Addition to	<sup>D</sup> :NA	8)SAALAU BETHELL Susanne Maria
Application Number Filing Date	:NA	9)WILLEMS Hendrika Maria Gerarda 10)THOMPSON Neil Thomas
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The invention provides compounds of the formula (I): or a salt N oxide or tautomer thereof wherein A is CH CF or nitrogen; E is CH CF or nitrogen; and R is hydrogen or C alkyl; R is selected from CONH; COH; an optionally substituted acyclic C hydrocarbon group; and an optionally substituted monocyclic carbocyclic or heterocyclic group of 3 to 7 ring members of which 0 1 2 3 or 4 are heteroatom ring members selected from O N and S; R is selected from hydrogen and a group R; R is selected from an optionally substituted acyclic d 8 hydrocarbon group; an optionally substituted monocyclic carbocyclic or heterocyclic group of 3 to 7 ring members of which 0 1 or 2 ring members are heteroatom ring members selected from O N and S; R is selected from O N and S; and an optionally substituted bicyclic heterocyclic group of 9 or 10 ring members of which 1 or 2 ring members are nitrogen atoms; wherein at least one of R and R is other than hydrogen; R is an optionally substituted 3 to 10 membered monocyclic or bicyclic carbocyclic or heterocyclic ring containing 0 1 2 or 3 heteroatom ring members selected from N O and S; R is selected from halogen; cyano; C alkyl optionally substituted with one or more fluorine atoms; C alkoxy optionally substituted with one or more fluorine atoms; C alkoxy optionally substituted from C alkyl optionally substituted with one or more fluorine atoms; C alkoxy optionally substituted with one or more fluorine atoms; C alkoxy optionally substituted with one or more fluorine atoms; C alkoxy optionally substituted with one or more fluorine atoms; C alkoxy optionally substituted with one or more fluorine atoms; collow optionally substituted with one or more fluorine atoms; C alkoxy optionally substituted with one or more fluorine atoms; C alkoxy optionally substituted with one or more fluorine atoms; C alkoxy optionally substituted with one or more fluorine atoms; C alkoxy optionally substituted with one or more fluorine atoms; C alkoxy optionally substituted with one or more fluorine atoms; C alkyl o

No. of Pages : 303 No. of Claims : 20

(22) Date of filing of Application :25/02/2014

#### (54) Title of the invention : SEPARATOR AND ELECTROCHEMICAL DEVICE COMPRISING SAME

<ul><li>(51) International</li><li>classification</li><li>(31) Priority Document No</li><li>(32) Priority Date</li></ul>	:H01M2/14,H01M2/16,H01M10/058 :10-2011-0117862 :11/11/2011	<ul> <li>(71)Name of Applicant :</li> <li>1)LG CHEM LTD.</li> <li>Address of Applicant :128 Yeoui daero Youngdungpo gu</li> <li>Seoul 150 721 Republic of Korea</li> </ul>
(33) Name of priority country	:Republic of Korea	(72)Name of Inventor : 1)LEE Joo Sung
(86) International Application No Filing Date	:PCT/KR2012/009484 :09/11/2012	2)JIN Sun Mi 3)KIM Jong Hun 4)HA Jeong Min
(87) International Publication No	:WO 2013/070031	5)RYU Bo Kyung 6)KIM Jin Woo
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

#### (57) Abstract :

The present invention relates to a separator for an electrochemical device and an electrochemical device comprising the same. More specifically the separator of the present invention comprises: a porous substrate; a first porous coating layer comprising a mixture of inorganic particles and a first binder polymer formed on one surface of the porous substrate; and a second porous coating layer formed on the other surface of the porous substrate by coating a mixture a solvent a non solvent and a second binder polymer and drying the coated mixture. The separator of the present invention has excellent thermal stability since an organic inorganic porous coating layer is formed on one surface thereof. In addition adhesion is excellent resistance can be reduced by the decrease in thickness of the separator and the capacity of an electrochemical device can be improved since a porous coating layer comprising a binder thin film prepared by coating a mixture of a binder polymer and a non solvent and drying the coated mixture is formed on the other surface of the separator.

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

(22) Date of filing of Application :25/03/2014

(43) Publication Date : 09/01/2015

### (54) Title of the invention : PROTEIN BASED THERAPY AND DIAGNOSIS OF TAU MEDIATED PATHOLOGY IN ALZHEIMER S DISEASE

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority</li> <li>country</li> <li>(86) International</li> <li>Application No</li> <li>Filing Date</li> <li>(87) International Publication</li> <li>No</li> <li>(61) Patent of Addition to</li> <li>Application Number</li> <li>Filing Date</li> <li>(62) Divisional to</li> <li>Application Number</li> <li>Filing Date</li> </ul>	:C07K16/18,A61K39/00,C07K14/47 :61/536339 :19/09/2011 :U.S.A. :PCT/IB2012/002246 :14/09/2012 <sup>n</sup> :WO 2013/041962 :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)AXON NEUROSCIENCE SE Address of Applicant :Grsslingova 45 811 09 Bratislava Slovakia</li> <li>(72)Name of Inventor :</li> <li>1)NOV,,K Michal</li> <li>2)KONTSEKOV,, Eva</li> <li>3)KOV CECH Branislav</li> <li>4)ZILKA Norbert</li> </ul>
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(57) Abstract :

The invention provides unique therapeutic and diagnostic antibodies as well as their fragments portions derivatives and variants thereof that bind regions of the tau protein that contribute to the initiation and propagation of pathological tau tau interactions as well as methods of making them. The invention also relates to methods of using those antibodies for diagnostics prevention and treatment of Alzheimer s disease and related tauopathies. The present invention also provides a method for a prophylactic and therapeutic treatment of Alzheimer s disease and other neurodegenerative tauopathies. This method entails the injection of antibodies and/or peptide vaccines that elicits an immune response directed to pathological tau proteins and tau deposits in the brains of patients. Suitable vaccines represent a tau peptide carrying one or more of the tau therapeutic epitopes provided herein.

No. of Pages : 189 No. of Claims : 116

(21) Application No.574/MUMNP/2014 A

(22) Date of filing of Application :28/03/2014

(43) Publication Date : 09/01/2015

#### (54) Title of the invention : EXHAUST TREATMENT DEVICE WITH INTEGRAL MOUNT

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No</li> </ul>	:PCT/US2012/053635	<ul> <li>(71)Name of Applicant :</li> <li>1)TENNECO AUTOMOTIVE OPERATING COMPANY</li> <li>INC.</li> <li>Address of Applicant :500 North Field Drive Lake Forest</li> <li>Illinois 60045 U.S.A.</li> <li>(72)Name of Inventor :</li> </ul>
Filing Date (87) International Publication No	:04/09/2012 :WO 2013/052224	1)WIKARYASZ Megan 2)THOMPSON Rick 3)ROBLES Pavel
<ul> <li>(61) Patent of Addition to</li> <li>Application Number</li> <li>Filing Date</li> <li>(62) Divisional to Application</li> </ul>	:NA :NA :NA	4)WRIGHT Cary
Number Filing Date	:NA	

(57) Abstract :

An exhaust treatment device includes an insulation material positioned between an inner shell and an outer shell. An inlet tube has an end in communication with a cavity defined by the inner shell. A substrate for treating engine exhaust is positioned within the inner shell. A metal mounting ring is positioned between the inner and outer shells and includes a mounting provision for receipt of a fastener.

No. of Pages : 16 No. of Claims : 19

(19) INDIA

(22) Date of filing of Application :28/03/2014

(43) Publication Date : 09/01/2015

(54) Title of the invention : HANDHELD	KITCHEN UTENSIL	
<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> </ul> Number <ul> <li>Filing Date</li> </ul> <li>(62) Divisional to Application Number</li> <li>Filing Date</li>	:A47J17/02 :61/539010 :26/09/2011 :U.S.A. :PCT/IL2012/050366 :13/09/2012 :WO 2013/046203 :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)OR NOVELTIES LTD. Address of Applicant :5 Bialik Street 6332405 Tel Aviv Israel</li> <li>(72)Name of Inventor :</li> <li>1)ANCSEL Ohad</li> </ul>

(57) Abstract :

The disclosed subject matter is directed to a handheld kitchen utensil comprising a frame the frame being configured with a cutting blade and a spacer plate both of which being pivotally mounted to the frame. The cutting blade and spacer plate being pivotally displaceable between at least a peeling position and at least one slicing position.

No. of Pages : 30 No. of Claims : 19

(19) INDIA

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

#### (43) Publication Date : 09/01/2015

(54) Title of the invention : BEER BREWING METHOD			
<ul> <li>(54) Title of the invention : BEEI</li> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No</li> <li>Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to</li> <li>Application Number</li> <li>Filing Date</li> <li>(62) Divisional to Application</li> </ul>	:C12C7/04,C12C7/14,C12C7/22 :102011081648.8 :26/08/2011 :Germany 0:PCT/EP2012/066413 :23/08/2012 0:WO 2013/030082 :NA :NA	<ul> <li>(71)Name of Applicant : <ul> <li>1)KRONES AG</li> <li>Address of Applicant :Bhmerwaldstrasse 5 93073</li> </ul> </li> <li>Neutraubling Germany</li> <li>(72)Name of Inventor : <ul> <li>1)SCHNEID Ralph</li> </ul> </li> </ul>	
Number Filing Date	:NA :NA		

(57) Abstract :

The invention relates to a method for producing beer comprising the steps of: preparing a mash carrying out a solid/liquid separation of the mash to obtain a wort dividing the wort into a) a highly concentrated part with a first wort and b) a less concentrated part wherein the less concentrated part has at least 5% of the extract quantity of the mash processing the highly concentrated part of the wort wherein the processing comprises diluting the highly concentrated part of the wort before bottling the beer and conducting at least some of the less concentrated part of the wort to a mashing process.

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

(19) INDIA

(22) Date of filing of Application :28/03/2014

(43) Publication Date : 09/01/2015

# (54) Title of the invention : METHOD AND APPARATUS FOR CHANNEL DISCOVERY IN COGNITIVE RADIO COMMUNICATIONS

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application <ul> <li>Number</li> <li>Filing Date</li> </ul> </li> </ul>	:61/536508 :19/09/2011 :U.S.A.	<ul> <li>(71)Name of Applicant :</li> <li>1)QUALCOMM INCORPORATED Address of Applicant :Att: International IP Administration 5775 Morehouse Drive San Diego California 92121 1714 U.S.A. (72)Name of Inventor : 1)GAAL Peter 2)BARBIERI Alan 3)PRAKASH Rajat</li></ul>
		5)r NANASH Najal
(62) Divisional to Application Number Filing Date	:NA :NA	

#### (57) Abstract :

Techniques are provided for channel discovery. For example there is provided a method operable by a mobile entity that may involve measuring beacon signals associated with the network. In one approach the method may involve in response to detecting an Authorized Shared Access (ASA) beacon signal on a frequency common to each network entity on a given ASA channel extracting frequency information from the ASA beacon signal wherein the ASA beacon signal comprises a single frequency network (SFN) beacon signal. In another approach the method may involve in response to detecting an ASA beacon signal on a frequency information from the ASA beacon signal wherein the ASA beacon signal wherein the method may involve in response to detecting an ASA beacon signal on a frequency common to each network entity on a given ASA channel extract frequency information from the ASA beacon signal wherein timing correlates with an operating frequency for the ASA beacon signal.

No. of Pages : 44 No. of Claims : 42

(22) Date of filing of Application :28/03/2014

(43) Publication Date : 09/01/2015

# (54) Title of the invention : ANTI THIRD PARTY CENTRAL MEMORY T CELLS METHODS OF PRODUCING SAME AND USE OF SAME IN TRANSPLANTATION AND DISEASE TREATMENT

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number</li> </ul>	:A61K39/00 :61/532172 :08/09/2011 :U.S.A. :PCT/IL2012/050354 :06/09/2012 :WO 2013/035099 :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)YEDA RESEARCH AND DEVELOPMENT CO. LTD. Address of Applicant :at the Weizmann Institute of Science</li> <li>P.O. Box 95 7610002 Rehovot Israel</li> <li>(72)Name of Inventor :</li> <li>1)REISNER Yair</li> <li>2)EIDELSTEIN Yaki</li> <li>3)OPHIR Eran</li> <li>4)LASK Assof</li> </ul>
		· ·
(62) Divisional to Application Number Filing Date	:NA :NA	6)OR GEVA Noga 7)BACHAR LUSTIG Esther

#### (57) Abstract :

A method of generating an isolated population of cells comprising anti third party cells having a central memory T lymphocyte (Tcm) phenotype the cells being tolerance inducing cells and/or endowed with anti disease activity and capable of homing to the lymph nodes following transplantation is disclosed. The method comprising: (a) contacting peripheral blood mononuclear cells (PBMC) with a third party antigen or antigens in the presence of IL 21 so as to allow enrichment of antigen reactive cells; and (b) culturing the cells resulting from step (a) in the presence of IL 21 IL 15 and IL 7 in an antigen free environment so as to allow proliferation of cells comprising the central memory T lymphocyte (Tcm) phenotype.

No. of Pages : 112 No. of Claims : 63

(22) Date of filing of Application :28/03/2014

(43) Publication Date : 09/01/2015

#### (54) Title of the invention : PREPARATION OF CEMENTITIOUS ARTICLES WITH A HIGH SURFACE FINISH FOR USE IN ELECTRICAL DEVICES

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:MI2011A001950 :27/10/2011 :Italy :PCT/EP2012/004506 :26/10/2012 :WO 2013/060477 :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)ITALCEMENTI S.P.A. Address of Applicant :Via Gabriele Camozzi 124 I 24121</li> <li>Bergamo Italy</li> <li>(72)Name of Inventor :</li> <li>1)ALFANI Roberta</li> <li>2)CAPONE Claudia</li> <li>3)ROMBOLA OTTAVIO Antonio</li> </ul>
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#### (57) Abstract :

The preparation of cementitious articles with a high surface finish useful for the preparation of electrical devices in particular photovoltaic devices is described. The process involves exposing a prefabricated cementitious article to specific temperature and pressure intervals for a given time period and then coating the article thus treated with a polymer film preferably based on polyimide in specific quantities. Heat resistant cementitious surfaces with a low controlled and regular roughness without point like defects suitable for the deposition of additional thin films in particular metallic films and absorbent films typically used for the manufacture of photovoltaic cells and/ or modules are obtained.

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

#### (12) PATENT APPLICATION PUBLICATION (21) Application No.355/MUMNP/2014 A (19) INDIA (22) Date of filing of Application :26/02/2014 (43) Publication Date : 09/01/2015 (54) Title of the invention : METHODS APPARATUSES AND COMPUTER PROGRAM PRODUCTS FOR MANAGEMENT OF SMS MESSAGE IDENTIFICATIONS IN A MULTI MODE DEVICE (51) International classification :H04W4/14 (71)Name of Applicant : (31) Priority Document No 1)OUALCOMM INCORPORATED :13/250743 (32) Priority Date Address of Applicant :ATTN: International IP Administration :30/09/2011 (33) Name of priority country 5775 Morehouse Drive San Diego California 92121 1714 U.S.A. :U.S.A. (86) International Application No :PCT/US2012/057564 (72)Name of Inventor : Filing Date :27/09/2012 1)ZAWAIDEH Fahed I. (87) International Publication No :WO 2013/049353 2)RAMACHANDRAN Shyamal (61) Patent of Addition to Application :NA Number :NA Filing Date

#### (57) Abstract :

Filing Date

Aspects of the present disclosure propose systems and methods for managing assignment of short message service (SMS) message identifications (IDs) in a multimode device (e.g. mobile station). The proposed methods ensure that a unique message ID is assigned to each SMS transmitted by the mobile station (MS). Each retransmission of the SMS messages may be assigned a message ID similar to or the same as the previous transmission(s) of the SMS message. As a result a network messaging center may be able to identify duplicate SMS messages that are marked with unique message IDs even if they are transmitted on different air interfaces and/or by different modems (modulators/demodulators).

:NA

:NA

No. of Pages : 44 No. of Claims : 82

(62) Divisional to Application Number

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

(43) Publication Date : 09/01/2015

#### (54) Title of the invention : TRIAZOLONE COMPOUNDS AS MPGES 1 INHIBITORS

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:C07D403/12,C07D401/04,C07D401/10 :1733/MUM/2012 :15/06/2012 :India :PCT/IB2013/054752 :10/06/2013 :WO 2013/186692 to :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)GLENMARK PHARMACEUTICALS S.A. Address of Applicant :Chemin de la Combeta 5 CH 2300 La Chaux de Fonds Switzerland</li> <li>(72)Name of Inventor :</li> <li>1)GHARAT Laxmikant Atmaram</li> <li>2)MUTHUKAMAN Nagarajan</li> <li>3)KHAIRATKAR JOSHI Neelima</li> <li>4)KATTIGE Vidya Ganapati</li> </ul>
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(57) Abstract :

The present disclosure is directed to compounds of formula (I) and pharmaceutically acceptable salts thereof as mPGES 1 inhibitors. These compounds are inhibitors of the microsomal prostaglandin E synthase 1 (mPGES 1) enzyme and are therefore useful in the treatment of pain and/or inflammation from a variety of diseases or conditions such as asthma osteoarthritis rheumatoid arthritis acute or chronic pain and neurodegenerative diseases.

No. of Pages : 315 No. of Claims : 47

(22) Date of filing of Application :25/03/2014

(43) Publication Date : 09/01/2015

#### (54) Title of the invention : SYNTHESIS METHOD AND INTERMEDIATES USEFUL IN THE PREPARATION OF **PYRROLOBENZODIAZEPINES**

classification	:C07D207/20,C07D207/24,C07D487/04	(71)Name of Applicant : 1)SPIROGEN SRL
(31) Priority Document No	:61/547207	Address of Applicant :Chemin de la Pacottaz 1 c/o Michael Forer CH 1806 St Lgier La Chisaz Switzerland
(32) Priority Date	:14/10/2011	(72)Name of Inventor :
(33) Name of priority country	:U.S.A.	1)HOWARD Philip Wilson 2)TIBERGHIEN Arnaud
Application No	:PCT/EP2012/070232 :12/10/2012	
Publication No	:WO 2013/053872	
(61) Patent of Addition to	·NA	
Application Number	:NA	
Application Number	:NA :NA	

(57) Abstract :

A compound of formula I wherein: R is selected from: OR where R is selected from C saturated alkyl optionally substituted by phenyl which may bear a chloro substituent pyridyl and furanyl; chloro; NH; CH O C(=O)Me; R is OProt° where Prot° is a silicon based oxygen protecting group orthogonal to R; R is selected from H methyl and methoxy; R is selected from CF (CF)CF CH and (formula 2) and R is selected from: (i) C(=O) OR where R is a saturated C alkyl group; (ii) CH O C(=O)R where R is methyl or phenyl; (iii) CH O Si (R)(R)(R) where R R R are independently selected from C a saturated alkyl group and a phenyl group; and (iv) C(YR)(YR) where each Y is independently O or S and where R and R are independently a saturated C alkyl group or together form a C alkylene.

No. of Pages : 110 No. of Claims : 42

(22) Date of filing of Application :31/03/2014

(43) Publication Date : 09/01/2015

# (54) Title of the invention : MECHANISM WITH SIMPLIFIED HANDLING FOR CONTROLLING A DEVICE FOR SEALINGLY CONNECTING TWO ENCLOSED SPACES

<ul><li>(51) International classification</li><li>(31) Priority Document No</li><li>(32) Priority Date</li><li>(33) Name of priority country</li></ul>	:B65G69/18,F16L37/30,B01L1/02 :1158838 :30/09/2011 :France	<ul> <li>(71)Name of Applicant :</li> <li>1)GETINGE LA CALHENE Address of Applicant :1 rue du Comt de Donegal F 41100 Vendome France </li> </ul>
<ul> <li>(86) International Application</li> <li>No</li> <li>Filing Date</li> <li>(87) International Publication</li> <li>No</li> </ul>	:PCT/EP2012/069271 :28/09/2012 :WO 2013/045667	<ul> <li>(72)Name of Inventor :</li> <li>1)SIMON Jean Pierre</li> <li>2)CHAVROT Bernard</li> <li>3)DUFOUR Christophe</li> </ul>
<ul> <li>(61) Patent of Addition to</li> <li>Application Number</li> <li>Filing Date</li> <li>(62) Divisional to Application</li> <li>Number</li> </ul>	:NA :NA :NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a mechanism for controlling a device for sealingly connecting an enclosure and a container wherein the enclosure comprises a door (10) and the container comprises a door (14) the door (10) of the enclosure containing the control mechanism (D) the latter including a male element (34) engaging with recess of the door (14) of the container the male element (34) being rotatably movable about a longitudinal axis (X) and translatably movable along the latter and being capable of being accommodated in the recess of the door (14) and of locking the two doors (10 14) together and of unlocking the door (14) of the container.

No. of Pages : 48 No. of Claims : 19

(22) Date of filing of Application :07/08/2013

(43) Publication Date : 09/01/2015

### (54) Title of the invention : DIAMINOPYRIMIDINE DERIVATIVES AND PROCESSES FOR THE PREPARATION THEREOF

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition Application Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:C07D403/04,C07D401/04,A61K31/506 :10-2011-0016981 :25/02/2011 :Republic of Korea :PCT/KR2012/001427 :24/02/2012 :WO 2012/115480 to :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)YUHAN CORPORATION <ul> <li>Address of Applicant :49 6 Taebang dong Tongjak gu Seoul</li> </ul> </li> <li>156 754 Republic of Korea</li> <li>(72)Name of Inventor : <ul> <li>1)LEE Hyun Joo</li> <li>2)KIM Dong Hoon</li> <li>3)KIM Tae Kyun</li> <li>4)YOON Young Ae</li> <li>5)SIM Jae Young</li> <li>6)CHA Myung Hun</li> <li>7)JUNG Eun Jung</li> <li>8)AHN Kyoung Kyu</li> <li>9)LEE Tai Au</li> </ul> </li> </ul>
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#### (57) Abstract :

The present invention provides a diaminopyrimidine derivative or its pharmaceutically acceptable salt, a process for the preparation thereof, a pharmaceutical composition comprising the same, and a use thereof. The diaminopyrimidine derivative or its pharmaceutically acceptable salt functions as a 5-HT4 receptor agonist, and therefore can be usefully applied for preventing or treating dysfunction in gastrointestinal motility, one of the gastrointestinal diseases, such as gastroesophageal reflux disease (GERD), constipation, irritable bowel syndrome (IBS), dyspepsia, post-operative ileus, delayed gastric emptying, gastroparesis, intestinal pseudo-obstruction, drug-induced delayed transit, or diabetic gastric atony

No. of Pages : 193 No. of Claims : 15

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

(43) Publication Date : 09/01/2015

#### (54) Title of the invention : POLYCISTRONIC EXPRESSION SYSTEM FOR BACTERIA

(57) Abstract :

The invention relates to polycistronic expression in gram positive bacterium and in particular concerns polycistronic expression units comprising one or more gene endogenous to the gram positive bacterium transcriptionally coupled to one or more genes exogenous to the bacterium.

No. of Pages : 109 No. of Claims : 21

(21) Application No.354/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :25/02/2014

(43) Publication Date : 09/01/2015

### (54) Title of the invention : TRANSMISSION APPARATUS TRANSMISSION METHOD AND NETWORK APPARATUS

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application <ul> <li>Number</li> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application Number <ul> <li>Filing Date</li> </ul> </li> </ul>	:H04N21/235,G06F13/00 :2012-148609 :02/07/2012 :Japan :PCT/JP2013/067148 :21/06/2013 :WO 2014/007083 :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)SONY CORPORATION <ul> <li>Address of Applicant :1 7 1 Konan Minato Ku Tokyo 1080075</li> </ul> </li> <li>Japan <ul> <li>(72)Name of Inventor :</li> <li>1)YAMAGISHI Yasuaki</li> <li>2)TSUKAGOSHI Ikuo</li> </ul> </li> </ul>
Filing Date	:NA	

(57) Abstract :

Efficiency of cache and delivery resources management of video data stream on a network is improved. A metafile with information for a client terminal to acquire a predetermined number of video data streams of predetermined content that a delivery server can deliver via the network is generated. In response to a transmission request from the client terminal the metafile is transmitted via the network to the client terminal. The metafile includes an index regarding the caching of each video data stream on the network.

No. of Pages : 76 No. of Claims : 11

(22) Date of filing of Application :29/03/2014

(43) Publication Date : 09/01/2015

#### (54) Title of the invention : ACTUATING DEVICE FOR A ROTATABLE CLOSURE PART OF A VALVE

<ul><li>(51) International classification</li><li>(31) Priority Document No</li><li>(32) Priority Date</li></ul>	:F16K31/163,F16K31/528,F15B15/06 :10 2011 116 627.4 :20/10/2011	<ul> <li>(71)Name of Applicant :</li> <li>1)GEA TUCHENHAGEN GMBH Address of Applicant : Am Industriepark 2 10 21514 B<sup>1</sup>/<sub>4</sub>chen Germany</li> </ul>
(33) Name of priority country	:Germany	(72)Name of Inventor : 1)BURMESTER Jens
(86) International Application No Filing Date	:PCT/EP2012/003541 :21/08/2012	2)SDEL Matthias
(87) International Publication No	:WO 2013/056761	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

#### (57) Abstract :

The invention relates to an actuating device 1 for a rotatable closure part of a valve in particular a pneumatically or hydraulically actuable rotary drive for a disc valve or throttle valve according to the preamble of claim 1. The invention is based on the problem of providing an actuating device of the generic type which is of simple construction has high stability in the region of the mounting of the drive shaft and in the region of the rectilinear and curved guide which is arranged in the driving piston and has a stroke independent direct rotary angle limiting means with accuracy which is as great as possible. This is achieved by virtue of the fact that the drive shaft (6) is mounted radially on two sides in a bearing sleeve (2.4) which engages into the housing (2) is connected fixedly to the latter and ends in the latter that the piston skirt (4.2; 40b.2) is mounted axially displaceably and radially on the outer circumferential surface of the bearing sleeve (2.4) and that the at least one drive pin (12) experiences a stroke independent direct limiting of the rotational movement thereof about the rotational axis (A) by way of stop means (2.4a) which are provided in the bearing sleeve (2.4).

No. of Pages : 35 No. of Claims : 21

(22) Date of filing of Application :25/03/2014

(43) Publication Date : 09/01/2015

#### (54) Title of the invention : PYRROLOBENZODIAZEPINES AND CONJUGATES THEREOF

<ul> <li>(51) International classification</li> <li>(31) Priority Document Not</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to</li> </ul>	:14/10/2011 :U.S.A. :PCT/US2012/059864 :12/10/2012 :WO 2013/055987	<ul> <li>(71)Name of Applicant : <ol> <li>SPIROGEN SRL</li> <li>Address of Applicant :Chemin de la Pacottaz 1 c/o Michael</li> </ol> </li> <li>Forer CH 1806 St Lgier Chisaz Switzerland</li> <li>2)GENENTECH INC.</li> <li>(72)Name of Inventor : <ol> <li>FLYGARE John A.</li> <li>GUNZNER TOSTE Janet L.</li> <li>PILLOW Thomas</li> <li>HOWARD Philip Wilson</li> <li>MASTERSON Luke</li> </ol> </li> </ul>
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A conjugate of formula (A): the dotted lines indicate the optional presence of a double bond between C1 and C2 or C2 and C3; R is independently selected from H OH =0 =CH CN R OR =CH R =C(R) 0 S0 R C0R and COR and optionally further selected from halo or dihalo; where R is independently selected from R C0R COR CHO C0H and halo; R and R are independently selected from H R OH OR SH SR NH NHR NRR NO MeSn and halo; R is independently selected from H R OH OR SH SR NH NHR NRR NO MeSn and halo; R is independently selected from H R OH OR SH SR NH NHR NRR NO MeSn and halo; R is independently selected from H R OH OR SH SR NH NHR NRR NO MeSn and halo; R is independently selected from H R OH OR SH SR NH NHR NRR NO MeSn and halo; R is independently selected from H R OH OR SH SR NH NHR NRR NO for the PBD moiety; R and R are independently selected from H and methyl or together with the carbon atom to which they are bound form a cyclopropylene group; CBA represents a cell binding agent; Q is independently selected from O S and NH; R is either H or R or where Q is O S0M where M is a metal cation; R and R are each independently selected from optionally substituted Calkyl C heterocyclyl and Caryl groups and optionally in relation to the group NRR R and R together with the nitrogen atom to which they are attached form an optionally substituted 4 5; 6 or Z metfibered heteracyciie ring; wherein R R R and R are as defined for R R R and R respectively: wherein R is a Calkylene group which chain may be interrupted by one or more heteroatoms e.g. O S N(H}; NMe and/or aromatic rings e.g. benzene or pyridine which rings are optional y substituted; X and X are independently selected from O S and N(H).

No. of Pages : 120 No. of Claims : 46

(19) INDIA

(22) Date of filing of Application :31/03/2014

(43) Publication Date : 09/01/2015

(51) International classification	:F26B3/30,F26B5/06	(71)Name of Applicant :
(31) Priority Document No	:11008108.0	1)SANOFI PASTEUR SA
(32) Priority Date	:06/10/2011	Address of Applicant :2 avenue Pont Pasteur F 69007 Lyon
(33) Name of priority country	:EPO	France
(86) International Application No	:PCT/EP2012/004164	(72)Name of Inventor :
Filing Date	:04/10/2012	1)GEBHARD Thomas
(87) International Publication No	:WO 2013/050158	2)KAISER Roland
(61) Patent of Addition to Application	:NA	3)PLITZKO Matthias
Number	:NA :NA	4)STRUSCHKA Manfred
Filing Date	.INA	5)LUY Bernhard
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(57) Abstract		l

#### (54) Title of the invention : HEATING DEVICE FOR ROTARY DRUM FREEZE DRYER

(57) Abstract :

A heating device (124) for heating particles to be freeze dried in a rotary drum (102) of a freeze dryer (100) is provided the device comprising at least one radiation emitter (202) for applying radiation heat to the particles and a tube shaped separator (204) for separating the particles from the at least one emitter (202). The separator (202) being integrally closed at one end and separating an emitter volume (206) encompassing the at least one emitter (202) from a drum process volume (126) inside the drum (102) wherein the heating device (124) protrudes into the drum process volume (126) such that said integrally closed end of the separator (204) is arranged inside the drum (102) as a free end.

No. of Pages : 58 No. of Claims : 15

(19) INDIA

(22) Date of filing of Application :31/03/2014

#### (43) Publication Date : 09/01/2015

(54) Title of the invention : CONSTRUC	TION TIMBER	
<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number <ul> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application Number <ul> <li>Filing Date</li> </ul> </li> </ul>	:B27M3/00,B27F1/16 :2011/06440 :02/09/2011 :South Africa	(71)Name of Applicant : 1)SPENCER DRAKE TRUST (IT 8663/95) Address of Applicant :Diggers Rest Farm GV31 Georges Valley 0850 Tzaneen South Africa (72)Name of Inventor : 1)DRAKE Frederick Spencer

(57) Abstract :

The invention provides a method for method for producing construction timber planks construction timber and laminated planks or beams. The method includes the steps of sawing debarked and plantation dried logs from Eucalyptus trees having a moisture content of 18% or higher into planks having lengths suitable for the next step as described below. The planks are cross cut into lengths of about 0.5m to 2.5m and their end edges are profiled for finger jointing. The end edges of a series of profiled planks are joined by longitudinally pressing end edges together using a polyurethane glue to lengths required for construction timber planks.

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

(22) Date of filing of Application :30/01/2014

(43) Publication Date : 09/01/2015

#### (54) Title of the invention : DIRECT SYNTHESIS OF 18F FLUOROMETHOXY COMPOUNDS FOR PET IMAGING AND THE PROVISION OF NEW PRECURSORS FOR DIRECT RADIOSYNTHESIS OF PROTECTED DERIVATIVES OF O-([18F]FLUOROMETHYL) TYROSINE

(51) International classification	:C07D249/04,C07D249/18,C07D471/04	(71)Name of Applicant : 1)PIRAMAL IMAGING SA
(31) Priority Document No	:11075153.4	Address of Applicant :Route de l <sup>™</sup> Ecole 13 CH 1753 Matran Switzerland.
(32) Priority Date	:30/06/2011	(72)Name of Inventor :
(33) Name of priority country	:EPO	1)BRUMBY Thomas 2)GRAHAM Keith
(86) International Application No Filing Date	:PCT/EP2012/062786 :29/06/2012	3)KRGER Martin
(87) International Publication No	:WO 2013/001088	
<ul> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	<sup>o</sup> :NA :NA :NA	

(57) Abstract :

The invention describes novel direct synthesis methods for converting a precursor into a PET tracer with a F fluoromethoxy group. The invention is also directed to novel and stable precursors for the direct radiosynthesis of protected derivatives of ([F]Fluoromethyl) tyrosines.

No. of Pages : 173 No. of Claims : 25

(19) INDIA

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

(54) Title of the invention : USE OF OMEGA FATTY ACIDS FOR TREATING DISEASE

(43) Publication Date : 09/01/2015

(51) International classification	:A61K31/202,A61P27/02	(71)Name of Applicant :
(31) Priority Document No	:11390001.3	1)GEORGIOU Tassos
(32) Priority Date	:12/09/2011	Address of Applicant : Ophthalmos Eye and Laser Centre
(33) Name of priority country	:EPO	Morfou 48 Egkomi Nicosia 2417 CYPRUS.
(86) International Application No	:PCT/EP2012/067771	(72)Name of Inventor :
Filing Date	:12/09/2012	1)GEORGIOU Tassos
(87) International Publication No	:WO 2013/037794	
(61) Patent of Addition to Application	:NA	
Number	:NA :NA	
Filing Date	.11/1	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract :

Eicosapentaenoic acid (EPA) and docosahexaenoic acid (DHA) or a salt or an ester thereof are provided for use in the treatment and/or prophylaxis of a condition selected from macular oedema conditions causing damage to retinal photoreceptors and/or retinal pigment epithelial cells and dry eyes in a mammal wherein the combined dosage of eicosapentaenoic acid and docosahexaenoic acid is from 5 mmol to 25 mmol per day and wherein the molar ratio of eicosapentaenoic acid to docosahexaenoic acid is in the range of from 1:1 to 5: 1. Compositions comprising EPA and DHA and at least one pharmaceutically acceptable excipient and kits containing EPA DHA and further therapeutic agents are also provided. The EPA and DHA or composition comprising the EPA and DHA may be administered orally.

No. of Pages : 343 No. of Claims : 19

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

(43) Publication Date : 09/01/2015

(54) Title of the invention : AN IMPROVED PROCESS FOR THE PREPARATION OF CRYSTALLINE FORM-I OF AGOMELATINE

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No</li> </ul>	C07C233/18 :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)CADILA HEALTHCARE LIMITED Address of Applicant :CADILA HEALTHCARE LTD; PLOT NO. 26-29 &amp; 31, DABHASA-UMARAYA ROAD, VILL. DABHASA-391440, TAL. PADRA, DIST. VADODARA, GUJARAT, INDIA</li> </ul>
<ul> <li>Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number</li> <li>Filing Date</li> <li>(62) Divisional to Application Number</li> <li>Filing Date</li> </ul>	:NA : NA :NA :NA :NA :NA	<ul> <li>(72)Name of Inventor :</li> <li>1)DWIVEDI SHRIPRAKASH DHAR</li> <li>2)PRASAD ASHOK</li> <li>3)SHAH NIRAJ SHYAMLAL</li> <li>4)PATEL MAYUR RAMNIKBHAI</li> </ul>

#### (57) Abstract :

The present invention relates to an improved process for preparing crystalline Form-I of agomelatine of, the process comprising the steps of: (a) dissolving agomelatine in a water-miscible solvent to obtain a solution; (b) adding the solution of step (a) to the suspension of water and seeding material of crystalline Form-I of agomelatine having a temperature of above 30°C, whereby crystals of the crystalline Form-I of agomelatine are formed; (c) isolating the crystals of the crystalline Form-I of agomelatine, and (d) optionally drying the isolated crystals of the crystalline Form-I of agomelatine. The present invention also provides Crystalline Form-I of Agomelatine.

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

(19) INDIA

(22) Date of filing of Application :27/03/2014

(43) Publication Date : 09/01/2015

#### (51) International classification :G06K9/34 (71)Name of Applicant : (31) Priority Document No 1)KOFAX INC. :61/586062 (32) Priority Date Address of Applicant :15211 Laguna Canyon Road Irvine CA :12/01/2012 (33) Name of priority country 92618 3603 U.S.A. :U.S.A. (86) International Application No :PCT/US2013/021336 (72)Name of Inventor : 1)MACCIOLA Anthony Filing Date :12/01/2013 2)AMTRUP Jan Willers :WO 2013/109478 (87) International Publication No (61) Patent of Addition to Application 3)SHUSTOROVICH Alexander :NA Number 4)THRASHER Christopher W. :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(54) Title of the invention : SYSTEMS AND METHODS FOR MOBILE IMAGE CAPTURE AND PROCESSING

(57) Abstract :

In various embodiments methods systems and computer program products for processing digital images captured by a mobile device are disclosed. Myriad features enable and/or facilitate processing of such digital images using a mobile device that would otherwise be technically impossible or impractical and furthermore address unique challenges presented by images captured using a camera rather than a traditional flat bed scanner paper feed scanner or multifunction peripheral.

No. of Pages : 197 No. of Claims : 137

(12) DATENT ADDI ICATION	DUDI ICATION	$(21)$ A multiplication NL $(0.4/NH \oplus ONE)/2014$ A
(12) PATENT APPLICATION PUBLICATION (		(21) Application No.604/MUMNP/2014 A
(19) INDIA		
(22) Date of filing of Application :03/04/2014		(43) Publication Date : 09/01/2015
(54) Title of the invention : AN	INSECT BARRIER PET BOWL A	SSEMBLY
<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application</li> <li>No <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication</li> <li>No</li> <li>(61) Patent of Addition to</li> <li>Application Number <ul> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application</li> </ul>	:A01K5/01,A01K7/00,A01M1/10 :2011903705 :09/09/2011 :Australia :PCT/AU2012/001066 :07/09/2012 :WO 2013/033781 :NA :NA	<ul> <li>(71)Name of Applicant : <ol> <li>ANTI INDUSTRY PTY LTD</li> <li>Address of Applicant :Unit9/477 Tufnell Road Banyo QLD</li> </ol> </li> <li>4014 Australia.</li> <li>(72)Name of Inventor : <ol> <li>OCONNOR Lee Zeke</li> </ol> </li> </ul>

(57) Abstract :

Filing Date

A bowl assembly (2) includes a bowl (4) which is suitable for holding various types of produce but which is intended for receiving food for a pet. The bowl assembly (2) is supported upon a tray (6). Four legs (8) are disposed to support the tray and are of sufficient length to elevate the tray a distance above the reach of ants (11). An insect deterrent (12) is located on the underside of the tray around the juncture of each leg (8) with the tray (6) to prevent insects proceeding along the legs to the tray. The legs (8) depend downwards and respectively terminate in bayonet heads (16) (best seen in Figure 2) that are received into complementary sockets (14) formed in the topside of base plate (10).

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

:NA

(22) Date of filing of Application :13/03/2014

(43) Publication Date : 09/01/2015

# (54) Title of the invention : COMPOUNDS FOR BINDING TO THE PLATELET SPECIFIC GLYCOPROTEIN IIB/IIIA AND THEIR USE FOR IMAGING OF THROMBI

(31) Priority Document No:11075195.5Addition(32) Priority Date:17/08/2011Switze(33) Name of priority country:EPO(72)Na(86) International Application No Filing Date:PCT/EP2012/003583 :17/08/20123)Ld4) RU4) RU	<ul> <li><b>)PIRAMAL IMAGING SA</b></li> <li>Address of Applicant :Route de lEcole 13 CH 1753 Matran itzerland.</li> <li><b>)Name of Inventor :</b></li> <li><b>)BERGER Markus</b></li> <li><b>)KRGER Martin</b></li> <li><b>)LOHRKE Jessica</b></li> <li><b>)REINHARDT Michael</b></li> <li><b>)SIEBENEICHER Holger</b></li> </ul>
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(57) Abstract :

The present invention relates to novel fluorine containing compounds methods for their preparation the intermediates of the synthesis their use as diagnostic agents especially for imaging of thrombi. The invention relates to positron emission tomography (PET) agents and associated precursor reagents and methods for producing such radiolabeled agents for imaging of thrombi in a mammalian body. More particularly the invention relates to small nonpeptide high affinity specific binding glycoprotein llb/IIIa antagonists for imaging of thrombi.

No. of Pages : 259 No. of Claims : 18

(21) Application No.589/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :31/03/2014

(43) Publication Date : 09/01/2015

### (54) Title of the invention : PROVIDING COMMUNICATION PATH INFORMATION IN HYBRID NETWORKS

(51) International classification	:H04W40/24,H04L12/751	(71)Name of Applicant :
(31) Priority Document No	:61/533505	1)QUALCOMM INCORPORATED
(32) Priority Date	:12/09/2011	Address of Applicant :5775 Morehouse Drive San Diego CA
(33) Name of priority country	:U.S.A.	92121 U.S.A.
(86) International Application No	:PCT/US2012/054948	(72)Name of Inventor :
Filing Date	:12/09/2012	1)PURKAYASTHA Punyaslok
(87) International Publication No	:WO 2013/040097	2)HO Sai Yiu Duncan
(61) Patent of Addition to Application	.NT 4	3)MOHANTY Bibhu Prasad
Number	:NA	4)COHEN Etan Gur
Filing Date	:NA	
(62) Divisional to Application Number	·NA	
Filing Date	:NA	
		1

(57) Abstract :

Providing communication path information in a mixed communication network. A first message may be provided from a first device to a second device. The first message may request notification of characteristics of at least one communication path between the second device and a third device. The first device the second device and the third device may be coupled together in a mixed communication network. Accordingly the first device may receive at least one message from the second device regarding the characteristics of the at least one communication path between the second device and the third device.

No. of Pages : 48 No. of Claims : 37

(21) Application No.59/MUMNP/2014 A

(22) Date of filing of Application :14/01/2014

(43) Publication Date : 09/01/2015

#### (54) Title of the invention : METALLOENZYME INHIBITOR COMPOUNDS

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> <li>(57) Abstract :</li> </ul>	:C07D401/06,C07D401/14,C07D409/14 :61/498571 :19/06/2011 :U.S.A. :PCT/US2012/043101 :19/06/2012 :WO 2012/177608 D:NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)VIAMET PHARMACEUTICALS INC. Address of Applicant :2250 Perimeter Park Drive Suite 320 Morrisville NC 27560 U.S.A.</li> <li>(72)Name of Inventor :</li> <li>1)HOEKSTRA William J.</li> <li>2)RAFFERTY Stephen W.</li> <li>3)YATES Christopher M.</li> <li>4)SCHOTZINGER Robert J.</li> <li>5)LOSO Michael</li> <li>6)SULLENBERGER Michael</li> </ul>
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(57) Abstract :

The instant invention describes compounds having metalloenzyme modulating activity and methods of treating diseases disorders or symptoms thereof mediated by such metalloenzymes.

No. of Pages : 167 No. of Claims : 34

(19) INDIA

(22) Date of filing of Application :31/03/2014

(43) Publication Date : 09/01/2015

#### LOGINS OF MOBILE DEVICE APPLICATIONS (51) International classification :H04L29/06 (71)Name of Applicant : (31) Priority Document No 1)ELTA SYSTEMS LTD. :215424 (32) Priority Date Address of Applicant :100 Yitzchak Hanassi Blvd. P.O.B. 330 :27/09/2011 (33) Name of priority country 77102 Ashdod Israel :Israel (86) International Application No :PCT/IL2012/050394 (72)Name of Inventor : Filing Date :27/09/2012 **1)STRIEM AMIT Yonathan** (87) International Publication No :WO 2013/065037 (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(54) Title of the invention : A MOBILE COMMUNICATION SYSTEM IMPLEMENTING INTEGRATION OF MULTIPLE

#### (57) Abstract :

In existing mobile implementations there is a disconnect between the mobile device accessing the network and the applicative services inasmuch as the entity responsible for network access such as the VPN Gateway differs from the entity governing access to applications such as email servers and SharePoint repositories. Therefore existing solutions typically employ two authentication methods. Of these the first may be used to authenticate the mobile device to the VPN Gateway while the second may be used to authenticate the mobile device to facilitate strong authentication it is often desired to utilize a mechanism that uses or combines two different factors e.g. something you have (such as but not limited to a smart card) and something you know (such as but not limited to a password). Most currently available mobile devices offer limited options to connect external devices to them rendering most Something you have solutions irrelevant. For instance there is no ability to connect a smart card to a mobile phone.

No. of Pages : 41 No. of Claims : 49

(22) Date of filing of Application :17/12/2013

#### (43) Publication Date : 09/01/2015

# (54) Title of the invention : 1 3 DI OXO INDENE DERIVATIVE PHARMACEUTICALLY ACCEPTABLE SALT OR OPTICAL ISOMER THEREOF PREPARATION METHOD THEREOF AND PHARMACEUTICAL COMPOSITION CONTAINING SAME AS AN ANTIVIRAL ACTIVE INGREDIENT

0/C13/403,A01K31/04,A01K31/4/ 0-2011-0058704 6/06/2011 Republic of Korea PCT/KR2012/004804 8/06/2012 VO 2012/173447 JA	<ul> <li>(71)Name of Applicant : <ul> <li>1)KOREA RESEARCH INSTITUTE OF CHEMICAL</li> </ul> </li> <li>TECHNOLOGY <ul> <li>Address of Applicant :100 Jang dong Yuseong gu Daejeon si</li> </ul> </li> <li>305 811 Republic of Korea <ul> <li>2)KATHOLIEKE UNIVERSITEIT LEUVEN K.U.</li> </ul> </li> <li>LEUVEN R &amp; D <ul> <li>(72)Name of Inventor : <ul> <li>1)JUNG Young Sik</li> <li>2)LEE Chong Kgo</li> <li>3)CHOI Ihl Young</li> <li>4)KIM Hae Soo</li> <li>5)KIM Pil Ho</li> <li>6)HAN Soo Bong</li> <li>7)NEYTS Johan</li> </ul> </li> </ul></li></ul>
JA JA	7)NEYTS Johan 8)THIBAUT Hendrik Jan
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0/C13/403,A01K31/04,A01K31/47 0-2011-0058704 6/06/2011 epublic of Korea CT/KR2012/004804 8/06/2012 7O 2012/173447 A A A

(57) Abstract :

The present invention relates to 1 3 dioxoindene derivatives pharmaceutically acceptable salts or optical isomers thereof a preparation method for same and a pharmaceutical composition containing same as an active ingredient with antiviral activity. The 1 3 dioxoindene derivatives of formula (1) according to the present invention have low cyto toxicity and can also demonstrate utility as pharmaceutical compositions for preventing or treating viral diseases such as: polio viral paralysis acute hemorrhagic conjunctivitis viral meningitis hand foot mouth disease blistering diseases hepatitis A myositis myocarditis pancreatitis viral diabetes epidemic myalgia encephalitis flu herpes angina foot and mouth disease asthma chronic obstructive pulmonary disease pneumonia sinusitis otitis media and the like since excellent antiviral activity against picornaviruses such as Coxsackie virus enterovirus echovirus polio virus rhinovirus and the like have been demonstrated.

No. of Pages : 162 No. of Claims : 17

(22) Date of filing of Application :01/04/2014

(43) Publication Date : 09/01/2015

#### (54) Title of the invention : TURBOMACHINE CENTRE BLADE COMPRISING A CURVED PORTION

<ul> <li>(51) International classification</li> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(34) Priority Date</li> <li>(35) International Application</li> <li>No</li> <li>Filing Date</li> <li>(51) International Publication No: WO 2013/054049</li> <li>(61) Patent of Addition to</li> <li>Application Number</li> <li>Filing Date</li> <li>(62) Divisional to Application</li> <li>Number</li> <li>Filing Date</li> <li>(NA</li> <li>NA</li> <li>NA</li> <li>NA</li> <li>NA</li> </ul>	<ul> <li>(71)Name of Applicant :</li> <li>1)SNECMA <ul> <li>Address of Applicant :2 boulevard du Gnral Martial Valin F</li> <li>75015 Paris France</li> <li>(72)Name of Inventor :</li> <li>1)CELLIER Damien</li> <li>2)DUFRESNE Alicia Lise Julia</li> <li>3)PELLETRAU Philippe Pierre Marcel Marie</li> <li>4)PERROT Vincent Paul Gabriel</li> <li>5)RIOS Jean Fran§ois Antoine Christian</li> <li>6)VILLAINES Laurent Christophe Francis</li> </ul> </li> </ul>
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(57) Abstract :

The invention proposes a turbomachine compressor blade (10) of radial overall orientation with respect to the main axis of the turbomachine the blade (10) comprising a radial internal root part (12) a radial external tip part (14) and a radially intermediate part (16) characterized in that the blade (10) comprises a curved part (34) curved tangentially in a direction and at least one straight part in the region of the root part (12) and/or in the region of the tip part (14).

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

(22) Date of filing of Application :01/04/2014

(43) Publication Date : 09/01/2015

#### (54) Title of the invention : BAGGED ANTI BACTERIAL AGENT

### (57) Abstract :

Provided is a solid anti bacterial agent which can release a steady amount of chlorine dioxide continuously even under vibrations or shocks and is easy to carry. A bagged anti bacterial agent comprising an anti bacterial agent (4) composed of an anti bacterial substance supported on a porous inorganic solid carrier a first bag body (2) in which the anti bacterial agent is contained and a second bag body (3) in which the first bag body is contained wherein micropores each having a smaller diameter than the particle diameter of the inorganic solid carrier are provided over the entire surface of the first bag body and release holes (31) through which the anti bacterial substance is to be released into air are provided on the rim part of the second bag body.

No. of Pages : 34 No. of Claims : 11

(22) Date of filing of Application :02/04/2014

(43) Publication Date : 09/01/2015

(54) Title of the invention : APPARATUS AND METHOD FOR PERFORMING PRECOGNITIVE LAWFUL INTERCEPT IN GROUP CALLS

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> </ul>	:H04M3/22 :13/274892 :17/10/2011 :U.S.A. :PCT/US2012/060456 :16/10/2012 :WO 2013/059211 :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)QUALCOMM INCORPORATED Address of Applicant :Attn: International IP Administration 5775 Morehouse Drive San Diego California 92121 U.S.A. (72)Name of Inventor : 1)ANCHAN Kirankumar</li></ul>
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A method and apparatus for performing lawful intercept in a group call is described. A group call for is established and at least one target member device of the group call is identified as corresponding to a subject to be tracked. Call content for communications corresponding to the call is then tracked from the beginning of the call. A query is presented to a law enforcement authority to determine whether the law enforcement authority wishes to receive call data collected before the target joined the call or after the target leaves the call.

No. of Pages : 45 No. of Claims : 40

(22) Date of filing of Application :03/10/2013

(43) Publication Date : 09/01/2015

#### (54) Title of the invention : SYSTEM FOR THE RENDERING OF SHARED DIGITAL INTERFACES RELATIVE TO EACH USER S POINT OF VIEW

(51) International classification (31) Priority Document No	:G06T19/00 :61/468937	(71)Name of Applicant : 1)QUALCOMM Incorporated
(32) Priority Date	:29/03/2011	Address of Applicant : Attn: INTERNATIONAL IP
(33) Name of priority country	:U.S.A.	ADMINISTRATION 5775 Morehouse Drive San Diego
(86) International Application No	:PCT/US2012/031321	California 92121 U.S.A.
Filing Date	:29/03/2012	(72)Name of Inventor :
(87) International Publication No	:WO 2012/135554	1)MACIOCCI Giuliano
(61) Patent of Addition to Application	:NA	2)EVERITT Andrew J.
Number	:NA	3)MABBUTT Paul
Filing Date	NT 4	4)BERRY David T.
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract :

A head mounted device provides an immersive virtual or augmented reality experience for viewing data and enabling collaboration among multiple users. Rendering images in a virtual or augmented reality system may include capturing an image and spatial data with a body mounted camera and sensor array receiving input indicating a first anchor surface calculating parameters with respect to the body mounted camera and displaying a virtual object such that the virtual object appears anchored to the selected first anchor surface. Further rendering operations may include receiving a second input indicating a second anchor surface within the captured image that is different from the first anchor surface calculating parameters with respect to the second anchor surface and displaying the virtual object such that the virtual object appears anchored to the selected second anchor surface and moved from the first anchor surface.

No. of Pages : 198 No. of Claims : 42

(22) Date of filing of Application :31/03/2014

(43) Publication Date : 09/01/2015

(54) Title of the invention : COMPOSITIONS AND METHODS FOR THE TREATMENT OF DEGENERATIVE RETINAL CONDITIONS

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application <ul> <li>Number</li> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application Number <ul> <li>Filing Date</li> </ul> </li> </ul>	:A01K38/20,A01P27/02 :1116815.0	<ul> <li>(71)Name of Applicant :</li> <li>1)THE PROVOST FELLOWS FOUNDATION</li> <li>SCHOLARS AND THE OTHER MEMBERS OF BOARD OF</li> <li>THE COLLEGE OF THE HOLY AND UNDIVIDED</li> <li>TRINITY OF QUEEN ELIZABETH NEAR DUBLIN</li> <li>Address of Applicant :College Green Dublin 2 Ireland</li> <li>(72)Name of Inventor :</li> <li>1)CAMPBELL Matthew</li> <li>2)HUMPHRIES Peter</li> <li>3)HUMPHRIES Marian</li> <li>4)KIANG Anna Sophia</li> <li>5)DOYLE Sarah</li> <li>6)ONEILL Luke</li> </ul>
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(57) Abstract :

The present invention is directed to compositions and methods for the treatment of degenerative retinal conditions. According to a general aspect the present invention is directed to inflammatory mediators preferably components or substrates of the NLRP3 inflammasome for use in the treatment of degenerative retinal conditions involving drusen and anaphylatoxin induced choroidal neovascularisation. The invention is also directed to a method for the treatment of degenerative retinal conditions involving drusen and anaphylatoxin induced choroidal neovascularisation and to recombinant vectors and recombinant proteins for use in such methods. The present invention also provides a method for determining the risk of developing or monitoring the progression of diseases involving drusen and anaphylatoxin induced choroidal neovascularisation.

No. of Pages : 49 No. of Claims : 21

(19) INDIA

(22) Date of filing of Application :01/04/2014

(43) Publication Date : 09/01/2015

(51) International classification	:A01K1/01	(71)Name of Applicant :
(31) Priority Document No	:NA	1)HYTEM CO. LTD.
(32) Priority Date	:NA	Address of Applicant :2 10 Technoplaza Kakamigahara shi
(33) Name of priority country	:NA	Gifu 5090109 Japan
(86) International Application No	:PCT/JP2011/077400	(72)Name of Inventor :
Filing Date	:28/11/2011	1)ANDO Toshimi
(87) International Publication No	:WO 2013/080281	
(61) Patent of Addition to Application	:NA	
Number	:NA :NA	
Filing Date	.INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (54) Title of the invention : STIRRING AND TRANSPORT DEVICE FOR POULTRY DROPPINGS

(57) Abstract :

A stirring and transport device for poultry droppings (1) comprises: a first screw (9a) having a helical screw blade (8a); a second screw (9b) having a shape that is symmetrical with respect to the first screw (9a); a grooved trough (11) having a poultry droppings transport space (10) and arranged in parallel to and rotatably supporting the first screw (9a) and the second screw (9b); a wet droppings introduction port (12) connected to one end of the trough (11) and introducing wet droppings (2) recovered from poultry cages into the poultry droppings transport space (10); a dry droppings introduction port (13) provided downstream from the wet droppings introduction port (12) and introducing dry droppings (6) containing less water content than wet droppings (2) into the poultry droppings transport space (10); a poultry droppings discharge port (15) provided at the other end of the trough (11) for discharging poultry droppings (6); and a rotation mechanism (16) for rotating the first screw (9a) and the second screw (9b) in opposing directions thereby transporting wet droppings (2) and dry droppings (6) to the poultry droppings discharge port (15) while stirring the droppings in the poultry droppings transport space (10).

No. of Pages : 43 No. of Claims : 3

(19) INDIA

(22) Date of filing of Application :27/03/2014

#### (54) Title of the invention : PHARMACEUTICAL COMPOUNDS

(51) International classification	:C07D213/50,C07D213/64,C07D213/65	I)ASTEA THEKAPEUTICS LIMITED
(31) Priority Document No	:1118874.5	Address of Applicant :436 Cambridge Science Park Milton Road Cambridge Cambridgeshire CB4 0QA U.K.
(32) Priority Date	:01/11/2011	(72)Name of Inventor :
(33) Name of priority country	:U.K.	1)WOODHEAD Andrew James 2)HAMLETT Christopher Charles Frederick Hamlett
(86) International Application No Filing Date	:PCT/EP2012/071573 :31/10/2012	3)BESONG Gilbert Ebai 4)CHESSARI Gianni 5)CARR Maria Grazia
(87) International Publication No	:WO 2013/064543	6)MILLEMAGGI Alessia 7)NORTON David
(61) Patent of Addition to Application Number Filing Date	):NA :NA	8)SAALAU BETHELL Susanne Maria 9)WILLEMS Hendrika Maria Gerarda 10)THOMPSON Neil Thomas
(62) Divisional to Application Number Filing Date	:NA :NA	11)HISCOCK Steven Douglas

#### (57) Abstract :

The invention provides compounds that are useful in the treatment of hepatitis C virus (HCV) infections. The compounds have the formula (1): or a salt N oxide tautomer or stereoisomer thereof wherein A is CH or N; E is CH or N; R is selected from: an optionally substituted acyclic C hydrocarbon group wherein one carbon atom of the acyclic C hydrocarbon group may optionally be replaced by O S NRC S(O) or SO or two adjacent carbon atoms of the acyclic d hydrocarbon group may optionally be replaced by CONR NRCO NRSO or SONR provided that in each case at least one carbon atom of the acyclic Chydrocarbon group remains; and an optionally substituted monocyclic carbocyclic or heterocyclic group of 3 to 7 ring members of which 0 1 2 3 or 4 are heteroatom ring members selected from O N and S; R is hydrogen or X R; X is a C alkanediyl group wherein one carbon atom of the C alkanediyl group may optionally be bonded to a CH CH moiety to form a cyclopropane 1 1 diyl group or two adjacent carbon atoms of the C alkanediyl group may optionally be bonded to a (CH)moiety where n is 1 to 5 to form a C cycloalkane 1 2 diyl group; R is an optionally substituted 3 to 10 membered monocyclic or bicyclic carbocyclic or heterocyclic ring containing 0 3 heteroatom ring members selected from N O and S; R is hydrogen or R wherein R is halogen; cyano; Calkyl; fluoro 1.4 alkyl; C alkoxy; fluoro C alkoxy: hydroxy C alkyl: or C alkoxy C alkyl: R is hydrogen or R wherein R is selected from C alkyl optionally substituted with fluorine; C alkoxy optionally substituted with fluorine; halogen; cyclopropyl; and cyano; R is hydroxy or C(=O)NRR; provided that when R8 is hydroxy there are at least two carbon atoms in line between the hydroxy group and the nitrogen atom to which X is attached; R is hydrogen or C alkyl; and R is hydrogen; amino C alkyl or hydroxy C alkyl; but excluding the compounds 1 (3) benzoylphenyl) ethylamine and 1 (3 furan 2 oylcarbonylphenyl) ethylamine.

No. of Pages : 271 No. of Claims : 21

(19) INDIA

(22) Date of filing of Application :02/04/2014

(43) Publication Date : 09/01/2015

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number</li> </ul>	:B60G 5/02,B60G11/24 :13/178,773 :08/07/2011 :U.S.A. :PCT/US2011/048045 :17/08/2011 :WO/2013/009329 :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)HENDRICKSON USA, L.L.C. Address of Applicant :500 PARK BOULEVARD, SUITE</li> <li>1010 ITASCA, IL 60143-1285, US U.S.A.</li> <li>(72)Name of Inventor :</li> <li>1)NOBLE, Shawn, D</li> <li>2)KERENDIAN, Hormoz</li> <li>3)DUDDING, Ashley, T</li> </ul>
(62) Divisional to Application Number Filed on	:2287/MUMNP/2013 :06/12/2013	

### (54) Title of the invention : SADDLE ASSEMBLY FOR USE IN VEHICLE SUSPENSIONS

(57) Abstract :

A vehicle suspension including a frame attachment portion attached to spring module having an opening defined by two side walls, a top wall and a bottom wall, and a spring mount positioned within the opening with two shear springs on either side of the spring mount, wherein the spring mount includes an inboard part and an outboard part separate from the inboard part, and a through-hole positioned in at least one of the inboard or inboard parts to allow passage of a threaded connecting rod therethrough, wherein the connecting rod has been tightened to draw the inboard part of the first spring mount together with the outboard part of the first spring mount, and to compress the first shear spring between the first side wall of the spring mount and the first side wall of the opening, and also to compress the second shear spring between the second side wall of the spring mount and the second side wall of the opening of the spring module.

No. of Pages : 66 No. of Claims : 9

(21) Application No.603/MUMNP/2014 A

(19) INDIA(22) Date of filing of Application :02/04/2014

(43) Publication Date : 09/01/2015

(51) International classification	:B60G 5/02,B60G11/24	(71)Name of Applicant : 1)HENDRICKSON USA, L.L.C.
(31) Priority Document No	:13/178,773	Address of Applicant :500 PARK BOULEVARD, SUITE
(32) Priority Date	:08/07/2011	1010 ITASCA, IL 60143-1285, US U.S.A.
(33) Name of priority country	:U.S.A.	(72)Name of Inventor :
(86) International Application No	:PCT/US2011/048045	1)NOBLE, Shawn, D
Filing Date	:17/08/2011	2)KERENDIAN, Hormoz
(87) International Publication No	:WO/2013/009329	3)DUDDING, Ashley, T
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filed on	:2287/MUMNP/2013 :06/12/2013	

#### (54) Title of the invention : SHEER SPRINGS FOR VEHICLE SUSPENSIONS

(57) Abstract :

A vehicle suspension including a frame attachment portion attached to spring module having an opening defined by two side walls, a top wall and a bottom wall, and a spring mount positioned within the opening with two shear springs on either side of the spring mount, wherein the spring mount includes an inboard part and an outboard part separate from the inboard part, and a through-hole positioned in at least one of the inboard or inboard parts to allow passage of a threaded connecting rod therethrough, wherein the connecting rod has been tightened to draw the inboard part of the first spring mount together with the outboard part of the first spring mount, and to compress the first shear spring between the first side wall of the spring mount and the first side wall of the opening, and also to compress the second shear spring between the second side wall of the spring mount and the second side wall of the opening of the spring module.

No. of Pages : 67 No. of Claims : 19

#### (19) INDIA

(22) Date of filing of Application :30/12/2013

#### (43) Publication Date : 09/01/2015

(54)	) Title of the	invention ·	CATALYSTS
(37	j i nie oi nie	mvention .	CHILLIDID

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application</li> <li>No</li> <li>Filing Date</li> </ul>	:C07F17/00,C07F15/04,C07F7/08 :11173344.0 :08/07/2011 :EPO :PCT/EP2012/063288 :06/07/2012	<ul> <li>(71)Name of Applicant :</li> <li>1)BOREALIS AG <ul> <li>Address of Applicant :IZD Tower Wagramerstrasse 17 19 A</li> </ul> </li> <li>1220 Vienna Austria <ul> <li>(72)Name of Inventor :</li> <li>1)HAFNER Norbert</li> <li>2)CASTRO Pascal</li> </ul> </li> </ul>
(87) International Publication No	:WO 2013/007650	3)KULYABIN Pavel Sergeevich 4)IZMER Vyatcheslav
(61) Patent of Addition to Application Number Filing Date	:NA :NA	5)VOSKOBOYNIKOV Alexander 6)RESCONI Luigi 7)KONONOVICH Dmitry
(62) Divisional to Application Number Filing Date	:NA :NA	8)VIRKKUNEN Ville 9)UBORSKY Dmitry

(57) Abstract :

A racemic complex of formula (I) wherein  $\cdot$  M is zirconium or hafnium;  $\cdot$  each X is a sigma ligand;  $\cdot$  L is a divalent bridge selected from R C R C CR R Si R Si SiR R Ge wherein each R is independently a hydrogen atom C hydrocarbyl tri(C alkyl)silyl C aryl C ary lalkyl or C alkylaryl; R and R are each independently a C hydrocarbyl radical optionally containing one or more heteroatoms from groups 14 16; R is a C hydrocarbyl group optionally containing one or more heteroatoms from groups 14 16 and optionally substituted by one or more halo atoms.

No. of Pages : 138 No. of Claims : 16

(22) Date of filing of Application :30/12/2013

(43) Publication Date : 09/01/2015

#### (54) Title of the invention : ANTIBODIES THAT BIND TO OX40 AND THEIR USES

classification:A61P37/06,A61K39/395,C07K16/28(31) Priority Document No:61/506491(32) Priority Date:11/07/2011(33) Name of priority:U.S.A.country:U.S.A.(86) International:PCT/IB2012/053502Application No:09/07/2012	<ul> <li>71)Name of Applicant :</li> <li>1)GLENMARK PHARMACEUTICALS S.A. Address of Applicant :Chemin de la combeta 5 CH 2300 la haux de fonds Switzerland</li> <li>72)Name of Inventor :</li> <li>1)ATTINGER Antoine</li> <li>2)BLEIN Stanislas</li> <li>3)BACK Jonathan Albert</li> <li>4)LISSILAA Rami</li> <li>5)HOU Samuel</li> </ul>
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(57) Abstract :

The present invention relates to antagonist antibodies or fragments thereof that bind to human OX40. More specifically the present invention relates to an antagonist antibody or fragment thereof that binds to human OX40 comprising a heavy chain CDR1 comprising the amino acid sequence of SEQ ID NO: 1 and/or a heavy chain CDR2 comprising the amino acid sequence of SEQ ID NO: 2 and/or a heavy chain CDR3 comprising the amino acid sequence of SEQ ID NO: 3; and/or comprising a light chain CDR1 comprising the amino acid sequence of SEQ ID NO: 4 and/or a light chain CDR2 comprising the amino acid sequence of SEQ ID NO: 4 and/or a light chain CDR2 comprising the amino acid sequence of SEQ ID NO: 6.

No. of Pages : 211 No. of Claims : 67

### (19) INDIA

(22) Date of filing of Application :28/03/2014

(43) Publication Date : 09/01/2015

#### (54) Title of the invention : A METHOD AND SYSTEM OF RECALIBRATING AN INERTIAL SENSOR

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No</li> </ul>	:PCT/AU2012/001008	<ul> <li>(71)Name of Applicant :</li> <li>1)LEICA GEOSYSTEMS AG Address of Applicant :Heinrich Wild Strasse CH 9435</li> <li>Heerbrugg Switzerland</li> <li>(72)Name of Inventor :</li> <li>1)DUSHA Damien</li> <li>2)DALE Paul</li> </ul>
Filing Date	:29/08/2012	
(87) International Publication No	:WO 2013/033754	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	NA NA	

(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 measurements at three different attitudes determining a sphere of possible bias values for each measurement and then determining an intersect of the three spheres.

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

(19) INDIA

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

(43) Publication Date : 09/01/2015

### (54) Title of the invention : METHOD FOR PROVIDING AN OPTICAL SYSTEM OF AN OPHTHALMIC SPECTACLE LENS AND METHOD FOR MANUFACTURING AN OPHTHALMIC SPECTACLE LENS

(51) International classification	,	(71)Name of Applicant :
(31) Priority Document No	:11306505.6	1)ESSILOR INTERNATIONAL (COMPAGNIE
(32) Priority Date	:16/11/2011	G‰N‰RALE DOPTIQUE)
(33) Name of priority country	:EPO	Address of Applicant :147 rue de Paris F 94220 Charenton Le
(86) International Application No	:PCT/EP2012/072926	Pont France
Filing Date	:16/11/2012	(72)Name of Inventor :
(87) International Publication No	:WO 2013/072507	1)MURADORE Fabien
(61) Patent of Addition to Application	:NA	2)BROUTIN Guillaume
Number		3)COLAS Pauline
Filing Date	:NA	4)LAKHOUA, Asma
(62) Divisional to Application Number	:NA	5)REGO Carlos
Filing Date	:NA	6)MOINE Jr´me

### (57) Abstract :

Method for providing an optical system (OS) of an ophthalmic spectacle lens according to wearer s prescription data and wearer s optical needs with the provision that a wearer s optical need is not related to prescription data where said optical system (OS) is defined by at least a front and a back surfaces (S1 S2) and their relative position comprising the steps of: a) providing a semi finished lens blank (SB); b) providing contour data (CD); c) choosing at least one localized optical feature (LOFi) suitable for the wearer s needs; d) positioning the contour data (CD) wherein the semi finished lens blank (SB) comprises: a first surface (SB1) having in each point a mean sphere value (SPH) and a cylinder value (CYL) a second unfinished surface the first surface (SB1) comprising: a plurality of primary areas (Ai); border areas (Bi); and a secondary area.

No. of Pages : 62 No. of Claims : 12

(22) Date of filing of Application :23/01/2014

(43) Publication Date : 09/01/2015

## (54) Title of the invention : MAP4K3 AS A BIOMARKER AND THERAPETIC TARGET FOR AUTOIMMUNE DISEASE CANCER INFLAMMATION AND IL 17 ASSOCIATED DISEASE

Filing DateNA (62) Divisional to Application Number :NA Filing Date :NA	(62) Divisional to Application Number	:61/508057 :14/07/2011 :U.S.A. :PCT/US2012/046623 :13/07/2012 :WO 2013/010061 :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)NATIONAL HEALTH RESEARCH INSTITUTES Address of Applicant :No. 35 Keyan Road Zhunan Town Miaoli County Taiwan Republic of China 35053 Taiwan</li> <li>(72)Name of Inventor :</li> <li>1)TAN Tse Hua</li> <li>2)CHUANG Huai Chia</li> </ul>
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(57) Abstract :

Methods for identifying a therapeutic agent for treating a Germinal Center Kinase (GCK) Like Kinase (GLK) mediated disease are disclosed. Methods for detecting a modulation of GLK signaling by a test compound are disclosed. Also disclosed are methods for detecting the presence and/or severity of an autoimmune disease and/or cancer.

No. of Pages : 110 No. of Claims : 20

(19) INDIA

(22) Date of filing of Application :25/03/2014

(43) Publication Date : 09/01/2015

(51) International classification	:H04R25/00	(71)Name of Applicant :
(31) Priority Document No	:11179340.2	1)TWO PI SIGNAL PROCESSING APPLICATION
(32) Priority Date	:30/08/2011	GMBH,
(33) Name of priority country	:EPO	Address of Applicant :SEIDLGASSE 21/16, A-1030 WIEN,
(86) International Application No	:PCT/AT2012/050119	AUSTRIA
Filing Date	:24/08/2012	(72)Name of Inventor :
(87) International Publication No	:WO 2013/029078	1)ZUKIC Tarik
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(55) 11		

### (54) Title of the invention : SYSTEM AND METHOD FOR FITTING OF A HEARING DEVICE

(57) Abstract :

The invention relates to system and method for configuring a hearing device (100) with an external configuration unit (101) the method comprising the steps of: a) processing at least two sound recordings in the external processing unit (104) with different parameter settings (105 a 105 b) b) combining them into one joint signal c) feeding the joint signal to the hearing device s output transducer (107) bypassing the rest of the hearing device (100) d) emitting the joint signal e) letting the user (111) choose one of the sound recordings that fits his/her requirements best f) repeating steps a) to e) with varying parameter settings g) transmitting a chosen parameter setting to the hearing device (100) wherein in step a) the sound recordings to be processed are chosen according to the situation the hearing device (100) will be used for or the specific hearing impairment of a user (111) of the hearing device (100).

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

### (19) INDIA

(22) Date of filing of Application :28/03/2014

(43) Publication Date : 09/01/2015

(57) Abstract :

The present invention relates to an expression cassette useful for the expression of a polynucleotide sequence encoding a polypeptide.

No. of Pages : 151 No. of Claims : 42

(22) Date of filing of Application :03/04/2014

(43) Publication Date : 09/01/2015

(54) Title of the invention : METHANATION CATALYST OF CARBON DIOXIDE PREPARATION METHOD AND USAGE OF SAME

(51) International classification (31) Priority Document No	:B01J23/78,C07C1/12,C07C9/04 :201110317947.1	(71)Name of Applicant : 1)WUHAN KAIDI ENGINEERING TECHNOLOGY
(32) Priority Date	:19/10/2011	RESEARCH INSTITUTE CO. LTD.
(33) Name of priority country	:China	Address of Applicant :T1 Jiangxia Avenue Miaoshan
(86) International Application	:PCT/CN2012/083095	Development Zone Jiangxia District Wuhan Hubei 430212 China
No	:17/10/2012	(72)Name of Inventor :
Filing Date	.17/10/2012	1)WANG Zhilong
(87) International Publication No.	:WO 2013/056649	2)ZHANG Yanfeng
(61) Patent of Addition to	:NA	3)CHEN Yilong
Application Number	:NA	4)XUE Yongjie
Filing Date	.INA	5)TAO Leiming
(62) Divisional to Application	:NA	6)LUO Zhixiang
Number	:NA :NA	7)ZHENG Xingcai
Filing Date	.1NA	

#### (57) Abstract :

A methanation catalyst of carbon dioxide a preparation method and a usage of the same. The catalyst is prepared by high temperature calcination of ash of a biomass power plant mixed with a metal nickel compound the component of the metal nickel being 2 20% by weight. The preparation method comprises: 1) preparing the metal nickel compound as a water solution with a mass concentration being 5 30%; 2) calcinating the ash of the biomass power plant in the temperature of 300 400°C for 20 40min; 3) converting raw material proportions according to the weight percentage of the nickel component in the catalyst mixing the water solution of the metal nickel compound prepared in the step 1) and the calcinated ash of the biomass power plant in the step 2) stirring and turning over for 5 10h for uniform impregnation; 4) drying the impregnated ash of the biomass power plant in the temperature of 110 150°C for 0.5 1.5h; and 5) calcinating the dried ash of the biomass power plant in the temperature of 400 500°C for 3 6h. The catalyst can not only make waste profitable but also has excellent catalytic activity which can be used to catalyze a carbon dioxide hydrogenation reaction to impel the carbon dioxide to be converted into methane and is especially applicable in resource recycling of the ash of the biomass power plant.

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

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

(43) Publication Date : 09/01/2015

### (54) Title of the invention : COMPRESSOR DEHYDRATION VIA SORBENT TECHNOLOGY

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No</li> </ul>	:F04C29/00,F04C29/12,F04C18/02 :61/498168 :17/06/2011 :U.S.A. :PCT/US2012/042663 :15/06/2012	<ul> <li>(71)Name of Applicant :</li> <li>1)EMERSON CLIMATE TECHNOLOGIES INC. Address of Applicant :1675 West Campbell Road P. O. Box</li> <li>669 Sidney OH 45365 0669 U.S.A</li> <li>(72)Name of Inventor :</li> <li>1)HEIDECKER Matthew J.</li> </ul>
Filing Date (87) International Publication No	:WO 2012/174374	
<ul> <li>(61) Patent of Addition to</li> <li>Application Number</li> <li>Filing Date</li> <li>(62) Divisional to Application</li> </ul>	:NA :NA	
Number Filing Date	:NA :NA	

(57) Abstract :

Methods of removing moisture from a compressor using a sorbent technology are provided. A dehydration device incorporating the sorbent technology is disposed in a system that contains a hygroscopic fluid. By passing the hygroscopic fluid over the sorbent technology moisture is removed from the hygroscopic fluid. The systems include sealed devices and integral components for heating ventilation and air conditioning (HVAC) systems and refrigeration devices.

No. of Pages : 26 No. of Claims : 23

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

(43) Publication Date : 09/01/2015

### (54) Title of the invention : CONTROL OF VIDEO ENCODING BASED ON IMAGE CAPTURE PARAMETERS

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No</li> <li>Filing Date</li> </ul>	:H04N7/26,H04N5/232,H03M13/00 :13/114844 :24/05/2011 :U.S.A. <sup>1</sup> :PCT/US2012/039448 :24/05/2012	<ul> <li>(71)Name of Applicant :</li> <li>1)QUALCOMM INCORPORATED <ul> <li>Address of Applicant :Attn: International IP Administration</li> <li>5775 Morehouse Drive San Diego California 92121 U.S.A.</li> <li>(72)Name of Inventor :</li> <li>1)AN Cheolhong</li> <li>2)LIANG Liang</li> <li>3)HUNG Szepo Robert</li> </ul> </li> </ul>
(87) International Publication No	:WO 2012/162549	
<ul> <li>(61) Patent of Addition to</li> <li>Application Number</li> <li>Filing Date</li> <li>(62) Divisional to Application</li> </ul>	:NA :NA <sup>n</sup> :NA	
Number Filing Date	:NA	

(57) Abstract :

This disclosure describes techniques for improving functionalities of a back end device e.g. a video encoder using parameters detected and estimated by a front end device e.g. a video camera. The techniques may involve estimating a blurriness level associated with frames captured during a refocusing process. Based on the estimated blurriness level the quantization parameter (QP) used to encode blurry frames is adjusted either in the video camera or in the video encoder. The video encoder uses the adjusted QP to encode the blurry frames. The video encoder also uses the blurriness level estimate to adjust encoding algorithms by simplifying motion estimation and compensation in the blurry frames.

No. of Pages : 80 No. of Claims : 47

(21) Application No.579/MUMNP/2014 A

(22) Date of filing of Application :28/03/2014

(43) Publication Date : 09/01/2015

### (54) Title of the invention : SIMPLE SUGAR STARVED LIGNOCELLULOSIC BIOMASS ENZYME PRODUCTION

(51) International classification	· · · · ·	
(31) Priority Document No	:TO2011A000918	1)C5 6 ITALY S.R.L.
(32) Priority Date	:13/10/2011	Address of Applicant :Strada Savonesa 9 Frazione Rivalta
(33) Name of priority country	:Italy	Scrivia I 15057 Tortona (Alessandria) Italy
(86) International Application N	o:PCT/EP2012/070340	(72)Name of Inventor :
Filing Date	:12/10/2012	1)VOLPATI, Laura
(87) International Publication N	o :WO 2013/053924	2)RIVAS TORRES Beatriz
(61) Patent of Addition to	:NA	3)PARAVISI, Stefano
Application Number	:NA	
Filing Date	.NA	
(62) Divisional to Application	:NA	
Number		
Filing Date	:NA	

(57) Abstract :

This specification discloses a process for producing at least one enzyme from a host cell for the hydrolysis of a first pre treated ligno cellulosic biomass under simple sugar starved conditions wherein the cultivation environment has very little preferable no simple sugars added other than those present in a ligno cellulosic biomass used to feed and grow the host cell. The cultivation environment is substantially void of fermentation stimulators and inducers of enzyme production. Preferably the cultivation environment has a high dry matter content of the pre treated ligno cellulosic biomass.

No. of Pages : 37 No. of Claims : 17

(21) Application No.623/MUMNP/2014 A

(19) INDIA

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

(43) Publication Date : 09/01/2015

(51) International classification	:H03L7/02	(71)Name of Applicant :
(31) Priority Document No	:2007682	1)ANHARMONIC B.V.
(32) Priority Date	:31/10/2011	Address of Applicant :Beursplein 37 3011 AA Rotterdam
(33) Name of priority country	:Netherlands	Netherlands
(86) International Application No	:PCT/NL2012/050666	(72)Name of Inventor :
Filing Date	:20/09/2012	1)MONTAGNE Antonius Johannes Maria
(87) International Publication No	:WO 2013/066161	
(61) Patent of Addition to Application	:NA	
Number	:NA :NA	
Filing Date	.NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

### (54) Title of the invention : ELECTRONIC OSCILLATION CIRCUIT

(57) Abstract :

Electronic oscillator circuit comprising a first oscillator for supplying a first oscillation signal a second oscillator for supplying a second oscillator signal a first controller for delivering the first control signal as a function of a phase difference between a first controller input and a second controller input of the first controller; a second controller for delivering the second controller input of the second controller and a second controller input of the second controller input of the second controller and a second controller input of the second controller; a resonator; at least a second resonance frequency with a first phase shift dependent on the difference between the frequency of a second exciting signal and the second resonance frequency and processing means for receiving the first oscillator signal and the second oscillator signal determining their mutual proportion looking up a frequency compensation factor in a prestored table and outputting a compensated oscillation signal.

No. of Pages : 18 No. of Claims : 13

(21) Application No.617/MUMNP/2014 A

(19) INDIA

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

(43) Publication Date : 09/01/2015

(51) International classification	:G06K9/32	(71)Name of Applicant :
(31) Priority Document No	:61/532589	1)PANAMORPH INC.
(32) Priority Date	:09/09/2011	Address of Applicant :1755 Telstar Dr. Suite 103 Colorado
(33) Name of priority country	:U.S.A.	Springs CO 80920 U.S.A.
(86) International Application No	:PCT/US2012/054532	(72)Name of Inventor :
Filing Date	:10/09/2012	1)KELLY Shawn L.
(87) International Publication No	:WO 2013/036972	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		•

### (54) Title of the invention : IMAGE PROCESSING SYSTEM AND METHOD

(57) Abstract :

A relatively higher resolution digitized image organized as a plurality of first kernel arrays each with a plurality of pixels is transformed into a corresponding relatively smaller second kernel array of a relatively lower resolution image and an associated set of remaining pixels. Down sampled pixels of the second kernel array are generated from linear interpolation of original pixels of the first kernel array. Associated interpolation coefficients incorporate perturbations to locations of the down sampled pixels that are symmetric with respect to centers of the first and second kernel arrays. Down sampled pixels of the second kernel array can be recombined with the associated set of remaining pixels to reconstruct the relatively higher resolution digitized image substantially without loss of associated information or used directly to reconstruct an approximation thereof with associated encoding and decoding processes adapted to reduce the susceptibility of image reconstruction errors caused by subsequent image compression.

No. of Pages : 110 No. of Claims : 85

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

(43) Publication Date : 09/01/2015

(54) Title of the invention : METHODS AND APPARATUS TO CONTROL ARCHITECTURAL OPENING COVERING ASSEMBLIES

( <b>5</b> 1) Internetional algorithm	A 47115/022	
(51) International classification	:A47H5/032	(71)Name of Applicant :
(31) Priority Document No	:61/542760	1)HUNTER DOUGLAS INC.
(32) Priority Date	:03/10/2011	Address of Applicant :1 Blue Hill Plaza P.O. Box 740 Pearl
(33) Name of priority country	:U.S.A.	River New York 10965 U.S.A.
(86) International Application No	:PCT/US2012/000428	(72)Name of Inventor :
Filing Date	:03/10/2012	1)COLSON Wendell
(87) International Publication No	:WO 2013/052083	2)FOGARTY Dan
(61) Patent of Addition to Application	:NA	3)SWISZCZ Paul
Number		4)BOHLEN Joerg
Filing Date	:NA	5)DANN Kevin M.
(62) Divisional to Application Number	:NA	6)JOHNSON William
Filing Date	:NA	

#### (57) Abstract :

Methods and apparatus to control architectural opening covering assemblies are disclosed herein. An example architectural opening covering assembly includes a manual controller operatively coupled to a tube to rotate the tube. The tube includes an architectural opening covering. The example architectural opening covering assembly also includes a motor operatively coupled to the tube to rotate the tube. A local controller is communicatively coupled to the motor to control the motor. The example architectural opening covering assembly further includes a gravitational sensor to determine an angular position of the tube.

No. of Pages : 99 No. of Claims : 26

### (19) INDIA

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

(54) Title of the invention : TRICYCLIC GYRASE INHIBITORS

(43) Publication Date : 09/01/2015

(57) Abstract :

Disclosed herein are compounds having the structure of Formula I and pharmaceutically suitable salts esters and prodrugs thereof that are useful as antibacterially effective tricyclic gyrase inhibitors. Related pharmaceutical compositions uses and methods of making the compounds are also contemplated.

No. of Pages : 224 No. of Claims : 36

(22) Date of filing of Application :13/02/2014

(43) Publication Date : 09/01/2015

### (54) Title of the invention : DYRK1 INHIBITORS AND USES THEREOF

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> <li>(52) Allocation State</li> </ul>	:C07D277/68,C07D513/04,C07C255/58 :11178190.2 :19/08/2011 :EPO :PCT/EP2012/066151 :17/08/2012 :WO 2013/026806 <sup>50</sup> :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)DIAXONHIT Address of Applicant :63 65 boulevard Massna F 75013 Paris France</li> <li>(72)Name of Inventor :</li> <li>1)LEBLOND Bertrand</li> <li>2)CASAGRANDE Anne Sophie</li> <li>3)DESIRE Laurent</li> <li>4)FOUCOURT Alicia</li> <li>5)BESSON Thierry</li> </ul>
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(57) Abstract :

The present invention relates to novel thiazolo[5 4 ]quinazoline compounds and methods that are useful in the amelioration treatment or control of Down s syndrome or early Alzheimer s disease or in the amelioration treatment or control of cancers especially solid tumors. More specifically the invention relates to DYRK1A and/or DYRK1B inhibitors and to methods for preparing such compounds.

No. of Pages : 110 No. of Claims : 13

(22) Date of filing of Application :27/03/2014

(43) Publication Date : 09/01/2015

### (54) Title of the invention : METHOD APPARATUS AND COMPUTER PROGRAM PRODUCT FOR IMPROVING A USER EXPERIENCE WITH OR PERFORMANCE OF A DEVICE BASED ON AN ENRICHED USER PROFILE

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:G06Q30/02 :61/548615 :18/10/2011 :U.S.A. :PCT/EP2012/070595 :17/10/2012 :WO 2013/057153 :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)XIAM TECHNOLOGIES LIMITED Address of Applicant :Block S Eastpoint Business Park Dublin</li> <li>3 Ireland</li> <li>(72)Name of Inventor :</li> <li>1)ODONOGHUE Hugh</li> <li>2)WHALE Peter Charles</li> <li>3)HEALY Colm</li> <li>4)PEGUM Andrew</li> <li>5)CORRIGAN Sean</li> <li>6)BEITH Scott</li> <li>7)HOUGH Jason</li> <li>8)SHEEHAN Anthony M.</li> </ul>
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### (57) Abstract :

A method an apparatus and a computer program product for communication are provided in which a communications device is operable to provide an improved user experience or to improve the performance and/or operation of the communications device through use of an enriched user profile. In one aspect the communications device may predict an event occurrence by interpreting an enriched user profile including an attribute and an enhanced informational element. The communications device may modify a functionality of a component of the device based on the predicted event occurrence. In one aspect component modification may include presenting the contextually relevant informational element on a user interface.

No. of Pages : 105 No. of Claims : 66

(19) INDIA

(22) Date of filing of Application :03/04/2014

(43) Publication Date : 09/01/2015

### (54) Title of the invention : DISCOVERING AND AUTOMATICALLY SIZING A PLACE OF RELEVANCE

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application <ul> <li>Number</li> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application Number <ul> <li>Filing Date</li> </ul> </li> </ul>	:H04W4/02,H04W64/00 :61/540426 :28/09/2011 :U.S.A. :PCT/US2012/057579 :27/09/2012 :WO 2013/049360 :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>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)NARAYANAN Vidya 2)LUKOWICZ Pawel 3)KUHN Lukas D. 4)LEE Jin Won 5)NANDA Sanjiv</li></ul>
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### (57) Abstract :

One or more mobile devices make measurements while moving along a path. Each measurement may comprise a specific group of identifiers of wireless transmitters and strengths of corresponding wireless signals. A set of measurements are made in a sequence along a path and the subsets of the measurements are identified for satisfying a test on a value of a measure of similarity of measurements included in the subset. A new place of relevance is identified by comparing the just described subsets of the measurements with similar subsets of additional measurements (e.g. by clustering). Alternatively a known place of relevance (e.g. having a label) is identified by comparing the just described subsets of the measurements. Also the just described subsets of the measurements may be compared with corresponding subsets of measurements of another path e.g. to identify common portions therein.

No. of Pages : 89 No. of Claims : 38

### (19) INDIA

(22) Date of filing of Application :17/12/2013

(54) Title of the invention : ROLLED COLLAGEN CARRIER

#### (43) Publication Date : 09/01/2015

(-)		
(51) International classification	:A61F13/02	(71)Name of Applicant :
(31) Priority Document No	:11167379.4	1)TAKEDA NYCOMED AS
(32) Priority Date	:24/05/2011	Address of Applicant :Drammensveien 852 N 1372 Asker
(33) Name of priority country	:EPO	NORWAY.
(86) International Application No	:PCT/DK2012/050178	(72)Name of Inventor :
Filing Date	:24/05/2012	1)SCH-NHOFER Wolfgang
(87) International Publication No	:WO 2012/159635	2)PEDERSEN Pernille Dybendal
(61) Patent of Addition to Application	:NA	3)BERTELSEN Poul
Number		4)BR†NDER Henrik
Filing Date	:NA	5)BLANKA Ingrid
(62) Divisional to Application Number	:NA	6)LARSEN Henrik Neuschfer
Filing Date	:NA	
(57) Abstract :		1

The invention relates to a process for the preparation of a rolled compressed collagen carrier and a process for un rolling said rolled compressed collagen carrier. Said rolled compressed collagen carrier is ready for use in minimally invasive surgery. The invention also relates to a rolled compressed collagen carrier for use in the prevention or treatment of injury associated with performing minimally invasive surgery.

No. of Pages : 126 No. of Claims : 60

(22) Date of filing of Application :17/12/2013

(43) Publication Date : 09/01/2015

# (54) Title of the invention : ULTRAVIOLET DISCHARGE LAMP APPARATUSES WITH ONE OR MORE REFLECTORS AND SYSTEMS WHICH DETERMINE OPERATING PARAMETERS AND DISINFECTION SCHEDULES FOR GERMICIDAL DEVICES

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application</li> <li>No <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to</li> <li>Application Number <ul> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application</li> </ul>	:H01J61/02,A61L2/10,F21V7/00 :13/156131 :08/06/2011 :U.S.A. :PCT/US2012/041483 :08/06/2012 o:WO 2013/106077 :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)XENEX DISINFECTION SERVICES LLC Address of Applicant :121 Interpark Blvd. Suite 104 San Antonio Texas 78216 U.S.A.</li> <li>(72)Name of Inventor :</li> <li>1)STIBICH Mark Andrew</li> <li>2)WOLFORD James Blaine</li> <li>3)GARFIELD Alexander Nathan</li> <li>4)RATHGEBER Martin</li> <li>5)FRYDENDALL Eric Martin</li> </ul>
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Apparatuses are disclosed which include a discharge lamp (22) configured to emit ultraviolet light a power circuit (26) configured to operate the discharge lamp and a reflector system (60) configured to redirect ultraviolet light emitted from the discharge lamp. In addition systems are disclosed which include processor executable program instructions for receiving data regarding characteristics of a room in which one or more disinfection sources are arranged and determining based on the received data individual operating parameter/s for the one or more disinfection sources. Yet other systems include processor executable program instructions for discerning for each of a plurality of disinfection sources a target location region object or surface within a room in which the disinfection sources are arranged comparing the target locations/regions/objects/surfaces and executing corrective action/s upon detecting two or more locations/objects/surfaces are within a predetermined distance of each other and/ or upon detecting two or more regions overlap.

No. of Pages : 82 No. of Claims : 49

(22) Date of filing of Application :01/04/2014

(43) Publication Date : 09/01/2015

### (54) Title of the invention : SEAL PLATE FOR MEMBRANE SEPARATION DEVICE

(51) International classification	:B01D65/00,B01D63/10,B01D61/10	(71)Name of Applicant : 1)NANOH2O INC.
(31) Priority Document No	:61/530609	Address of Applicant :750 Lairport Street El Segundo
(32) Priority Date	:02/09/2011	California 90245 5006 U.S.A.
(33) Name of priority country	y:U.S.A.	(72)Name of Inventor :
(86) International Application No Filing Date	:PCT/US2012/053485 :31/08/2012	1)LESAN Frederick K. 2)KORDANI Nicholas
(87) International Publication No	<sup>1</sup> :WO 2013/033616	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A membrane separation unit can include a cartridge at least one membrane disposed within the cartridge at least one seal plate and a sealing ring seated in an outer groove of the seal plate. The at least one seal plate can seal one end of the cartridge. The seal plate can have at least one venting hole that forms a passage between the interior of the cartridge and the outer groove. The sealing ring can have a cross sectional shape that forms a circular venting path between the sealing ring and the seal plate. The sealing ring can include one or more grooves to allow fluid to vent into an annular space between a device housing and the membrane separation unit. The sealing ring can include an outer surface having in cross section two flattened surfaces that form an angle of between 90 and 175 there between.

No. of Pages : 29 No. of Claims : 27

(22) Date of filing of Application :01/04/2014

(43) Publication Date : 09/01/2015

### (54) Title of the invention : METHOD AND DEVICE FOR SYNCHRONIZING AN APPARATUS CONNECTED TO A COMMUNICATION NETWORK

(51) International classification	:H04J3/06,H04B3/54	(71)Name of Applicant :
(31) Priority Document No	:11 59345	1)ALSTOM TECHNOLOGY LTD
(32) Priority Date	:17/10/2011	Address of Applicant :Brown Boveri Strasse 7 CH 5400
(33) Name of priority country	:France	Baden Switzerland
(86) International Application No	:PCT/EP2012/070450	(72)Name of Inventor :
Filing Date	:16/10/2012	1)LECONTE Frdric
(87) International Publication No	:WO 2013/057081	2)RAYON Jean Luc
(61) Patent of Addition to Application	:NA	3)GARCIA Antoine
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		1

#### (57) Abstract :

The invention relates to a method for synchronizing an apparatus (200) connected to a communication network (110) said apparatus being linked to an electricity supply network (120) having at least an alternating power supply voltage (121). The method comprises the steps consisting of: measurement of a time lag between the power supply voltage and a synchronization voltage (131) calculation of a synchronization value communication of the synchronization value to the apparatus detection by the apparatus of the transition from power supply voltage to the given state and synchronization the apparatus substantially simultaneously with the detection of the transition from power voltage to the given state on the basis of the synchronization value. The invention also relates to a synchronization device (300) and to a synchronization module (400) used while the synchronization method is being carried out.

No. of Pages : 29 No. of Claims : 13

(22) Date of filing of Application :25/03/2014

#### (43) Publication Date : 09/01/2015

## (54) Title of the invention : SUBSTITUTED 2 ALKYL 1 OXO N PHENYL 3 HETEROARYL 1 2 3 4 TETRAHYDROISOQUINOLINE 4 CARBOXAMIDES FOR ANTIMALARIAL THERAPIES

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:C07D217/26,C07D401/04,C07D405/04 :61/527594 :25/08/2011 :U.S.A. :PCT/IB2012/054305 :24/08/2012 :WO 2013/027196 O':NA :NA :NA	<ul> <li>(71)Name of Applicant : <ol> <li>ST. JUDE CHILDRENS RESEARCH HOSPITAL Address of Applicant :262 Danny Thomas Place Memphis </li> <li>Tennessee 38105 U.S.A.</li> <li>MMV MEDICINES FOR MALARIA VENTURE  </li> <li>(72)NAME of Inventor : <ol> <li>GUY Rodney Kiplin</li> <li>ZHU Fangyi</li> <li>GUIGUEMDE Wendyam Armand</li> <li>FLOYD David</li> <li>KNAPP Spencer</li> <li>STEIN Philip</li> <li>CASTRO Steve</li> </ol> </li> </ol></li></ul>
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(57) Abstract :

In one aspect the invention relates to novel substituted 2 alkyl 1 oxo N phenyl 3 heteroaryl 2 3 4 tetrahydroisoquinoline 4 carboxamides; synthetic methods for making the compounds; pharmaceutical compositions comprising the compounds; and methods of treating and/or preventing malaria. This abstract is intended as a scanning tool for purposes of searching in the particular art and is not intended to be limiting of the present invention.

No. of Pages : 113 No. of Claims : 24

(22) Date of filing of Application :03/04/2014

(43) Publication Date : 09/01/2015

### (54) Title of the invention : CATALYST CARRIER FOR EXHAUST GAS PURIFICATION AND CATALYST FOR EXHAUST GAS PURIFICATION

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application</li> <li>No <ul> <li>Filing Date</li> <li>(87) International Publication</li> <li>No</li> <li>(61) Patent of Addition to</li> <li>Application Number <ul> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application</li> <li>Number <ul> <li>Filing Date</li> </ul> </li> </ul></li></ul>	:PCT/JP2012/071550 :27/08/2012 :WO 2013/035568 :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)MITSUI MINING &amp; SMELTING CO. LTD. Address of Applicant :1 11 1 Osaki Shinagawa ku Tokyo 1418584 Japan</li> <li>(72)Name of Inventor :</li> <li>1)NAGAO Yuki</li> <li>2)SATO Takahiro</li> <li>3)NAKAHARA Yunosuke</li> <li>4)MACHIDA Masato</li> </ul>
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### (57) Abstract :

A catalyst carrier for exhaust gas purification which contains a phosphate represented by general formula MPO (wherein M represents Y La or Al) or zirconium phosphate represented by formula ZrPO; a catalyst for exhaust gas purification which comprises a noble metal that includes at least Rh and is supported by the carrier; and a catalyst structure for exhaust gas purification which comprises a catalyst supporting body that is formed from a ceramic or a metal material and a layer of the above described catalyst for exhaust gas purification said layer being supported on the catalyst supporting body.

No. of Pages : 33 No. of Claims : 7

(21) Application No.610/MUMNP/2014 A

(19) INDIA(22) Date of filing of Application :03/04/2014

(43) Publication Date : 09/01/2015

### (54) Title of the invention : SYSTEM AND METHOD FOR PACKAGING DOSED QUANTITIES OF SOLID DRUG PORTIONS

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application</li> <li>No</li> <li>Filing Date</li> </ul>	:B65B5/10,A61J7/00,B65G1/137 :2007384 :09/09/2011 :Netherlands :PCT/EP2012/067013 :31/08/2012	<ul> <li>(71)Name of Applicant :</li> <li>1)CAREFUSION SWITZERLAND 317 SRL Address of Applicant :A One Business Centre Zone Dactivits Vers la Pi<sup>-</sup>ce no 10 CH 1180 Rolle Switzerland</li> <li>(72)Name of Inventor :</li> <li>1)VAN WIJNGAARDEN Arie</li> </ul>
<ul> <li>(87) International Publication No.</li> <li>(61) Patent of Addition to</li> <li>Application Number</li> <li>Filing Date</li> <li>(62) Divisional to Application</li> <li>Number</li> <li>Filing Date</li> </ul>	o:WO 2013/034504 :NA :NA :NA :NA	

(57) Abstract :

A system for packaging dosed quantities of solid drug portions comprises a plurality of dosing stations (2) for dispensing a dosed quantity of solid drug portions a plurality of guiding ducts (7) a plurality of collecting containers (17) for receiving drug portions guided through the guiding ducts (7) and at least one discharge and packaging station (3) for transferring drug portions collected by each collecting container (17) to a packaging and for closing the packaging. The guiding ducts (7) are coupled to a transport means (6a 6b 8 10 11 12 15 16) for moving the guiding ducts (7) along the dosing stations (2) wherein each guiding duct (7) is adapted to receive drug portions dispensed from at least one of the dosing stations (2) when the guiding duct (7) is positioned at the at least one dosing station (2) and to guide the received drug portions to an passage opening of the guiding duct (7). The collecting containers (17) are also coupled to the transport means (6a 6b 8 10 11 12 15 16) so that each collecting container (17) can be positioned at the passage opening of one of the guiding ducts (7) to receive drug portions guided through the guiding duct (7).

No. of Pages : 38 No. of Claims : 27

(22) Date of filing of Application :02/04/2014

(43) Publication Date : 09/01/2015

### (54) Title of the invention : METHOD FOR THE PREVENTIVE DETECTION OF FAILURE IN AN APPARATUS COMPUTER PROGRAM SYSTEM AND MODULE FOR THE PREVENTIVE DETECTION OF FAILURE IN AN APPARATUS

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application <ul> <li>Number</li> <li>Filing Date</li> </ul> </li> </ul>	:1159360 :17/10/2011 :France :PCT/EP2012/070455 :16/10/2012 :WO 2013/057085 :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)ALSTOM TECHNOLOGY LTD Address of Applicant :Brown Boveri Strasse 7 CH 5400</li> <li>Baden Switzerland</li> <li>(72)Name of Inventor :</li> <li>1)AMOUSSOUGA Eric</li> <li>2)THILLOT Yves</li> </ul>
	:NA :NA :NA	

#### (57) Abstract :

A method for the preventive detection of failure in at least one apparatus to be monitored in a group comprising at least two apparatuses the apparatus to be monitored comprising at least one first parameter correlated with at least one second parameter of at least one second apparatus of the group said parameters representing status variables of said apparatus. The method comprises the following steps: predicting a value of the first parameter from a measured value of the second parameter; comparing the predicted value of the first parameter with a measured value of the first parameter; and analysing the result of the comparison made in the comparison step to detect a possibility of failure. The invention also relates to a computer program a system and a module for the preventive detection of failure in an apparatus.

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

(22) Date of filing of Application :16/01/2014

(43) Publication Date : 09/01/2015

### (54) Title of the invention : 1 2 4 THIADIAZOL 5 YLPIPERAZINE DERIVATIVES USEFUL IN THE TREATMENT NEURODEGENERATIVE DISEASES

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> <li>(57) Abstract :</li> </ul>	:C07D285/08,C07D417/04,C07D417/12 :11172324.3 :01/07/2011 :EPO :PCT/EP2012/062778 :29/06/2012 :WO 2013/004642 O:NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)REMYND NV Address of Applicant :Gaston Geenslaan 1 B 3001 Heverlee Belgium.</li> <li>(72)Name of Inventor :</li> <li>1)GRIFFIOEN Gerard</li> <li>2)NETTEKOVEN Matthias</li> <li>3)PRINCEN Katrien</li> <li>4)RATNI Hasane</li> <li>5)VIFIAN Walter</li> </ul>
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(57) Abstract :

The present invention relates to a compound of formula (IA) The present invention also relates to the use of the compound of formula IA for treating certain neurodegenerative disorders characterized by cytotoxic TAU misfolding and/or aggregation.

No. of Pages : 137 No. of Claims : 22

(22) Date of filing of Application :24/01/2014

(43) Publication Date : 09/01/2015

### (54) Title of the invention : DOUBLE STRANDED OLIGONUCLEOTIDE COMPOUNDS FOR TREATING HEARING AND BALANCE DISORDERS

(31) Priority Document	:C07H21/00,C12N15/113,A61K31/7088 :61/514541	<ul> <li>(71)Name of Applicant :</li> <li>1)QUARK PHARMACEUTICALS INC. Address of Applicant :6501 Dumbarton Circle Fremont CA</li> </ul>
(33) Name of priority	:03/08/2011 :U.S.A.	94555 U.S.A. (72)Name of Inventor : 1)FEINSTEIN Elena
(86) International Application No	:PCT/US2012/049616 :03/08/2012	2)AVKIN NACHUM Sharon 3)METT Igor 4)KALINSKI Hagar
(87) International Publication No	:WO 2013/020097	
(62) Divisional to	:NA :NA :NA :NA	

(57) Abstract :

The present application relates to double stranded nucleic acid compounds compositions comprising same and methods of use thereof for the treatment of hearing loss in a subject in need thereof. The compounds are preferably chemically synthesized and modified dsRNA molecules which inhibit expression of a gene expressed selected from the group consisting of HES1 HES5 HEY1 HEY2 ID1 ID2 ID3 CDKN1B and NOTCHI.

No. of Pages : 160 No. of Claims : 65

(22) Date of filing of Application :28/03/2014

(43) Publication Date : 09/01/2015

### (54) Title of the invention : PROCESSES AND PLANTS FOR REDUCING AMMONIA LOSS AND ODOR FROM ORGANIC MATERIAL OR WASTE TO THE ATMOSPHERE

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application</li> <li>No</li> <li>Filing Date</li> <li>(87) International Publication</li> </ul>	:A61L9/14,A61L11/00,C05F3/00 :20111701 :08/12/2011 :Norway :PCT/NO2012/050245 :10/12/2012	<ul> <li>(71)Name of Applicant :</li> <li>1)N2 APPLIED AS <ul> <li>Address of Applicant :Beddingen 2 N 0250 Oslo Norway</li> </ul> </li> <li>(72)Name of Inventor : <ul> <li>1)INGELS Rune</li> </ul> </li> </ul>
No (61) Patent of Addition to Application Number Filing Date	:WO 2013/085395 :NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The invention relates to processes for reducing ammonia loss and odor from organic material or waste to the atmosphere. A plasma generator is applied to upgrade organic waste and manure with a mixture of acidic nitrates and nitrites. The present invention also relates to an acidic nitrate solution suitable for reducing ammonia loss and odor from organic material or waste to the atmosphere and a process for producing such an acidic nitrate solution. The invention further comprises plants for reducing ammonia loss and odor from organic material or waste to the atmosphere.

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

(21) Application No.572/MUMNP/2014 A

(22) Date of filing of Application :28/03/2014

(43) Publication Date : 09/01/2015

### (54) Title of the invention : METHOD OF RECALIBRATING INERTIAL SENSORS

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number</li> </ul>	:PCT/AU2012/001007 :29/08/2012 :WO 2013/033753 :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)LEICA GEOSYSTEMS AG <ul> <li>Address of Applicant :Heinrich Wild Strasse Ch 9435</li> </ul> </li> <li>Heerbrugg Switzerland <ul> <li>(72)Name of Inventor :</li> <li>1)DUSHA Damien</li> <li>2)DALE Paul</li> </ul> </li> </ul>
Filing Date	:NA	
(62) Divisional to Application Number Filing Date	NA NA	

(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 automatically taking measurements when the vehicle is stationary and once sufficient measurements have been taken determining the sensor bias to recalibrate the sensor.

No. of Pages : 22 No. of Claims : 23

(22) Date of filing of Application :28/03/2014

(43) Publication Date : 09/01/2015

### (54) Title of the invention : METHOD FOR PREVENTING AND/OR TREATING INSULIN RESISTANCE

<ul> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No</li> <li>Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to</li> <li>Application Number</li> <li>Filing Date</li> <li>(62) Divisional to Application</li> </ul>	:PCT/NL2012/050592 :30/08/2012	<ul> <li>(71)Name of Applicant :</li> <li>1)ACADEMISCH MEDISCH CENTRUM Address of Applicant :9 Meibergdreef NL 1105 AZ</li> <li>Amsterdam Netherlands</li> <li>2)WAGENINGEN UNIVERSITEIT</li> <li>(72)Name of Inventor :</li> <li>1)NIEUWDORP Max</li> <li>2)DE VOS Willem Meindert</li> </ul>
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(57) Abstract :

The present invention describes use of etrel. and/or t rel. as well as pharmaceutical food or feed compositions comprising these bacteria as a medicament in particular for preventing and/or treating insulin resistance and/or insulin resistance related complications such as metabolic syndrome dyslipidemia and type 2 diabetes mellitus as well as insulin resistance in endocrine diseases (e.g. obese subjects with type 1 diabetes mellitus Cushing s disease and lipodystrophy syndromes. Also described is a method for preventing and/or treating insulin resistance and/or insulin resistance and/or insulin resistance related complications such as dyslipidemia and type 2 diabetes mellitusas well as insulin resistance in endocrine diseases (e.g. obese subjects with type 1 diabetes mellitus cushing s disease (e.g. obese subjects with type 1 diabetes mellitus cushing s diseases (e.g. obese subjects with type 1 diabetes mellitus Cushing s disease and lipodystrophy syndromes) as dyslipidemia and type 2 diabetes mellitusas well as insulin resistance in endocrine diseases (e.g. obese subjects with type 1 diabetes mellitus Cushing s disease and lipodystrophy syndromes) as ubject in need thereof said method comprising the step of increasing the level of et rel. and/or et rel. in the small intestine.

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

(22) Date of filing of Application :28/10/2013

### (43) Publication Date : 09/01/2015

### (54) Title of the invention : TREATMENT REGIMENS

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No <ul> <li>Filing Date</li> <li>(87) International</li> </ul> </li> <li>Publication No</li> <li>(61) Patent of Addition to Application Number <ul> <li>Filing Date</li> <li>(62) Divisional to</li> <li>Application Number</li> <li>Filing Date</li> </ul> </li> </ul>	:A61K31/495,A61K31/137,A61K31/135 :61/471505 :04/04/2011 :U.S.A. :PCT/US2012/031991 :03/04/2012 :WO 2012/138653 :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)S1 BIOPHARMA INC. Address of Applicant :1 Independence Way #102 Jersey City NJ 07305 U.S.A.</li> <li>(72)Name of Inventor :</li> <li>1)SITCHON Nicolas G.</li> </ul>
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### (57) Abstract :

The invention further relates to compounds pharmaceutical compositions and methods for treating hypoactive sexual desire disorder (HSDD) in a subject.

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

(21) Application No.353/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :25/02/2014

(43) Publication Date : 09/01/2015

### (54) Title of the invention : NITRIDE SEMICONDUCTOR ELEMENT AND METHOD FOR PRODUCING SAME

(51) International classification	:H01L33/40,H01L33/32	(71)Name of Applicant :
(31) Priority Document No	:NA	1)Soko Kagaku Co. Ltd.
(32) Priority Date	:NA	Address of Applicant :14th Building Meijo University 1 501
(33) Name of priority country	:NA	Shiogamaguchi Tempaku ku Nagoya shi Aichi 4680073 Japan
(86) International Application No	:PCT/JP2011/072524	(72)Name of Inventor :
Filing Date	:30/09/2011	1)NIWA Noritaka
(87) International Publication No	:WO 2013/046419	2)INAZU Tetsuhiko
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

### (57) Abstract :

Provided is a nitride semiconductor element (1) comprising a substrate structure (5) and an element structure (11) formed on the substrate structure (5) and having at least an n type AlGaN semiconductor layer (6) and p type AlGaN semiconductor layers (8 9 10) wherein the nitride semiconductor element (1) is further provided with an n electrode contact (13a) formed on the n type AlGaN semiconductor layer (6) an n electrode pad (13b) formed on the n electrode contact (13a) and a p electrode (12) formed on the p type AlGaN semiconductor layers (8 9 10) the mole fraction of AlN in the n type AlGaN semiconductor layer (6) is at least 20% the n electrode contact (13a) is configured from at least one metal layer and the p electrode (12) and the n electrode pad (13b) have a common layered structure of at least two layers having an Au layer at the uppermost layer and an Au diffusion preventing layer that prevents the diffusion of Au and comprises a conductive metal oxide underneath the uppermost layer.

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

(22) Date of filing of Application :10/01/2014

### (54) Title of the invention : NOVEL PHTHALAZINONE PYRROLOPYRIMIDINECARBOXAMIDE DERIVATIVES

<ul> <li>(51) International</li> <li>classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority</li> </ul>	:C07D487/04,A61P11/00,A61K31/519 0 :11170440.9 17/06/2011	<ul> <li>(71)Name of Applicant :</li> <li>1)TAKEDA GMBH <ul> <li>Address of Applicant :Byk Gulden Str. 2 78467 Konstanz</li> </ul> </li> <li>GERMANY.</li> <li>(72)Name of Inventor : <ul> <li>1)STENGEL Thomas</li> <li>2)MAIER Thomas</li> <li>3)MANN Alexander</li> </ul> </li> </ul>
(86) International Application No Filing Date	:PCT/EP2012/061084 :12/06/2012	5)FLOCKERZI Dieter 6)PAHL Andreas 7)BENEDIKTUS Ewald
(87) International Publication No	:WO 2012/171900	8)HESSMANN Manuela 9)KANACHER Tobias
(61) Patent of Addition to Application Number	:NA :NA	10)HUSSONG Ragna 11)ZITT Christof
Filing Date (62) Divisional to Application Number	:NA	12)HOLST Hans Christof 13)HUMMEL Rolf Peter 14)VIERTELHAUS Martin
Filing Date	:NA	15)TENOR Hermann 16)DUNKERN Torsten
(57) 41 4		17)HATZELMANN Armin 18)HESSLINGER Christian

(57) Abstract :

The compounds of formula (1) in which R1 R7 R8 R9 R10 R17 R18 R19 R20 and m have the meanings as given in the description are novel effective inhibitors of type 4 and 5 phosphodiesterase.

No. of Pages : 194 No. of Claims : 15

(19) INDIA

(22) Date of filing of Application :10/01/2014

(43) Publication Date : 09/01/2015

### (54) Title of the invention : TREATMENT OF RESPIRATORY DISORDERS USING TRPA1 ANTAGONISTS

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application <ul> <li>Number</li> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application Number <ul> <li>Filing Date</li> </ul> </li> </ul>	:A61K31/519,A61P11/00 :1722/MUM/2011 :13/06/2011 :India :PCT/IB2012/052942 :11/06/2012 :WO 2012/172475 :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)GLENMARK PHARMACEUTICALS S.A. Address of Applicant :Chemin de la Combeta 5 CH 2300 La Chaux de Fonds Switzerland</li> <li>(72)Name of Inventor :</li> <li>1)KHAIRATKAR JOSHI Neelima</li> <li>2)KULKARNI Abhay</li> <li>3)MUKHOPADHYAY Indranil</li> <li>4)KATTIGE Vidya Ganapati</li> <li>5)BHOSALE Vikram Mansingh</li> <li>6)WALE Dinesh Pradeep</li> <li>7)THOMAS Abraham</li> <li>8)KUMAR Sukeerthi</li> <li>9)CHAUDHARI Sachin Sundarlal</li> </ul>
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(57) Abstract :

The present patent application relates to treatment of a respiratory disorder using TRPA1 antagonists. Particularly the present patent application relates to treatment of a respiratory disorder using a TRPA1 antagonist wherein the TRPA1 antagonist is administered by inhalation route to a subject in need thereof.

No. of Pages : 103 No. of Claims : 43

(22) Date of filing of Application :03/04/2014

(43) Publication Date : 09/01/2015

### (54) Title of the invention : REGULATORY NUCLEIC ACID MOLECULES FOR RELIABLE GENE EXPRESSION IN PLANTS

<ul><li>(51) International</li><li>classification</li><li>(31) Priority Document No</li><li>(32) Priority Date</li></ul>	:C12N15/113,C12N15/82,C12N5/14 :11181420.8 :15/09/2011	<ul> <li>(71)Name of Applicant :</li> <li>1)BASF PLANT SCIENCE COMPANY GMBH Address of Applicant :67056 Ludwigshafen Germany</li> <li>(72)Name of Inventor :</li> </ul>
(33) Name of priority countr		1)HARTIG Julia Verena
<ul> <li>(86) International</li> <li>Application No</li> <li>Filing Date</li> <li>(87) International Publication</li> </ul>	:PCT/IB2012/054549 :04/09/2012	2)STUIVER Maarten Hendrik 3)KUHN Josef Martin 4)BURGMEIER Alrun Nora
No	:WO 2013/038294	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Methods and means for enhancing the reliability of expression in transgenic plants by reducing the coefficient of variation of (expression and/or the number of no or low expressing plants in a population of plants are provided.

No. of Pages : 55 No. of Claims : 14

(22) Date of filing of Application :27/01/2014

(43) Publication Date : 09/01/2015

### (54) Title of the invention : METHOD FOR IMAGE INTERPOLATION USING ASYMMETRIC INTERPOLATION FILTER AND APPARATUS THEREFOR

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application <ul> <li>Number</li> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application Number</li> </ul>	:61/502056 :28/06/2011 :U.S.A. :PCT/KR2012/005135 :28/06/2012 :WO 2013/002579 :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>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 :</li> <li>1)ALSHINA Elena</li> <li>2)ALSHIN Alexander</li> </ul>
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Disclosed is a method for sub pixel interpolation for an image using a conversion based interpolation filter the method for image interpolation comprising: selecting for each sub pixel level interpolation point a symmetric interpolation filter or an asymmetric interpolation filter from among interpolation filters with respect to an interpolation point wherein the interpolation filters are for generating the pixel value of at least one sub pixel that is positioned in between the pixels; and generating the pixel value of at least one sub pixel by interpolating from the pixel values of pixels using the selected interpolation filter.

No. of Pages : 111 No. of Claims : 15

(22) Date of filing of Application :29/03/2014

(43) Publication Date : 09/01/2015

### (54) Title of the invention : COMPOSITIONS COMPRISING SALBUTAMOL SULPHATE

(51) International classification	:A61K31/137,A61K9/00,A61P11/06	(71)Name of Applicant : 1)MEXICHEM AMANCO HOLDING S.A. DE C.V.
	:1117619.5	Address of Applicant : Rio san Javier No. 10 Fraccionamiento
	:12/10/2011	Viveros del Rio Tlalnepantla Estado de Mexico C.P. 54060
(33) Name of priority country	γ:U.K.	Mexico
(86) International	:PCT/GB2012/052544	(72)Name of Inventor :
Application No	:12/10/2012	1)CORR Stuart
Filing Date		2)NOAKES Timothy James
(87) International Publication No	:WO 2013/054137	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A pharmaceutical composition is described that is suitable for delivery from a pressurised container. The composition is free of polar excipients and comprises: (a) a propellant component that consists essentially of 1 1 difluoroethane (R 152a); (b) a surfactant component that comprises oleic acid; and (c) a drug component that consists of salbutamol sulphate. The pharmaceutical composition can be delivered using a metered dose inhaler (MDI).

No. of Pages : 21 No. of Claims : 14

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

(43) Publication Date : 09/01/2015

## (54) Title of the invention : MACROCYCLIC HETEROCYCLIC COMPOUND FOR INHIBITING HEPATITIS C VIRUS AND PREPARATION AND USE THEREOF

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No</li> <li>Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:PCT/CN2012/000821 :14/06/2012 :WO 2012/171332 :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)AB PHARMA LTD. Address of Applicant :4299 Jindu Rd. Bldg 1 Rm 302 Minhang District Shanghai 201108 China</li> <li>(72)Name of Inventor :</li> <li>1)ZHAN Zheng Yun James</li> </ul>
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### (57) Abstract :

Provided is a type of macrocyclic heterocyclic compound as represented by formula Ia and Ib and an intermediate preparation method and use thereof. The macrocyclic heterocyclic compound has an inhibition activity against the hepatitis C virus.

No. of Pages : 184 No. of Claims : 28

(19) INDIA

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

(43) Publication Date : 09/01/2015

:H04N7/26	(71)Name of Applicant :
:61/550259	1)QUALCOMM INCORPORATED
:21/10/2011	Address of Applicant :ATTN: International IP Administration
:U.S.A.	5775 Morehouse Drive San Diego California 92121 1714 U.S.A.
:PCT/US2012/060814	(72)Name of Inventor :
:18/10/2012	1)CHONG In Suk
:WO 2013/059461	2)WANG Xianglin
·NA	3)KARCZEWICZ Marta
.11A	
:NA	
:NA	
	:61/550259 :21/10/2011 :U.S.A. :PCT/US2012/060814 :18/10/2012 :WO 2013/059461 :NA :NA :NA

#### (54) Title of the invention : ADAPTIVE LOOP FILTERING FOR CHROMA COMPONENTS

(57) Abstract :

This disclosure proposes techniques to allow more flexibility in filtering chroma components in the adaptive loop filter. In one example a method for adaptive loop filtering includes performing luma adaptive loop filtering based for luma components of a block of pixels and performing chroma adaptive loop filtering for chroma components of the block of pixels wherein filter coefficients for both the luma adaptive loop filtering and chroma adaptive loop filtering are derived from a block based mode or a region based mode. The method may further include determining to perform luma adaptive loop filtering on the block of pixels and determining to perform chroma adaptive loop filtering is performed independently of determining to perform luma adaptive loop filtering.

No. of Pages : 49 No. of Claims : 42

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

(43) Publication Date : 09/01/2015

#### (54) Title of the invention : COMPOSITION FOR COLORING SKIN AND METHOD FOR COLORING SKIN

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application</li> <li>No <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication N</li> <li>(61) Patent of Addition to</li> <li>Application Number <ul> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application</li> <li>Number <ul> <li>Filing Date</li> </ul> </li> </ul>	:A61K8/31,A61K8/19,A61K8/29 :- : - :Argentina :PCT/CN2011/001672 :08/10/2011 Vo:WO 2013/049956 :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)UNILEVER PLC Address of Applicant :Unilever House 100 Victoria Embankment London Greater London EC4Y 0DY U.K</li> <li>(72)Name of Inventor :</li> <li>1)HUANG Lei</li> <li>2)QIU Qiang</li> <li>3)QUAN Congling</li> <li>4)MENG Sheng</li> </ul>
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(57) Abstract :

Compositions for coloring skin are described. The compositions comprise beads that comprise petrolatum and optionally a colorant and the beads have a diameter from about 90 to about 625 microns. When applied topically the compositions unexpectedly yield long lasting color.

No. of Pages : 27 No. of Claims : 18

(21) Application No.84/MUMNP/2014 A

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

(43) Publication Date : 09/01/2015

#### (54) Title of the invention : METALLOENZYME INHIBITOR COMPOUNDS

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number</li> </ul>	INA	<ul> <li>(71)Name of Applicant :</li> <li>1)VIAMET PHARMACEUTICALS INC. Address of Applicant :2250 Perimeter Park Drive Suite 320 Morrisville NC 27560 U.S.A.</li> <li>(72)Name of Inventor :</li> <li>1)HOEKSTRA William J.</li> <li>2)SCHOTZINGER Robert J.</li> </ul>
Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The instant invention describes compounds having metalloenzyme modulating activity and methods of treating diseases disorders or symptoms thereof mediated by such metalloenzymes.

No. of Pages : 122 No. of Claims : 34

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

(43) Publication Date : 09/01/2015

### (54) Title of the invention : INHALATION CHAMBER TO BE BUILT INTO A CIRCUIT OF A MECHANICAL VENTILATION RESPIRATORY DEVICE

country (72)Name of	RSITE FRANCOIS RABELAIS DE TOURS 'Inventor : LIO NONE Laurent
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(57) Abstract :

The present invention relates to the field of mechanical ventilation devices in particular devices that enable drugs to be fed into the airflow generated by the ventilation device and directed to the respiratory pathways of a patient using an aerosol dosing device and/or nebulizer. Specifically the invention relates to an inhalation chamber (1) to be built into a circuit of a mechanical ventilation respiratory device (100) through which a gas stream is to pass said inhalation chamber (1) consisting of two portions on either side of the longitudinal axis (A) thereof and comprising openings that lead into the inner space (Vi) thereof wherein two openings (10 11) are to be connected to the circuit of the respirator i.e. one opening (10) for the ingress of the gas stream and the other opening (11) for the egress of the gas stream and one opening (12) that is to receive a nebulizer (2) characterized in that the openings (12 13) for receiving the aerosol dosing device (3) and the nebulizer (2) are both provided in a single portion of said inhalation chamber (1) with respect to the longitudinal axis (A).

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

(19) INDIA

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

(43) Publication Date : 09/01/2015

### (54) Title of the invention : METHOD FOR PRODUCING USEFUL METABOLITE FROM FILAMENTOUS FUNGUS

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> </ul>	:C12P7/42,C12R1/645 :2011-194491 :07/09/2011 :Japan :PCT/JP2012/070017 :06/08/2012	<ul> <li>(71)Name of Applicant :</li> <li>1)LSIP, LLC Address of Applicant :7-12, Marunouchi 1-chome, Chiyoda- ku, Tokyo 100-0005 Japan</li> <li>(72)Name of Inventor :</li> <li>1)KOJIMA Masanobu</li> </ul>
<ul> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number</li> <li>Filing Date</li> <li>(62) Divisional to Application Number</li> <li>Filing Date</li> </ul>	:WO 2013/035473 :NA :NA :NA :NA	2)FUJII Hiroshi

(57) Abstract :

The present invention relates to a method for producing a useful metabolite such as shikimic acid from a filamentous fungus. The useful metabolite can be produced by a production method involving a step of inhibiting the growth of the filamentous fungus specifically by applying a stimulus of light having a center wavelength shorter than 570 nm to the filamentous fungus to increase the content of the useful metabolite in a hypha of the filamentous fungus.

No. of Pages : 39 No. of Claims : 13

(21) Application No.94/MUMNP/2014 A

(22) Date of filing of Application :16/01/2014

(43) Publication Date : 09/01/2015

#### (54) Title of the invention : METALLOENZYME INHIBITOR COMPOUNDS

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International</li> <li>Application No Filing Date</li> <li>(87) International</li> <li>Publication No</li> <li>(61) Patent of Addition</li> <li>to Application Number Filing Date</li> <li>(62) Divisional to</li> <li>Application Number Filing Date</li> <li>(57) Abstract</li> </ul>	:C0/D401/06,C0/D401/14,A61K31/4439 :61/498570 :19/06/2011 :U.S.A. :PCT/US2012/043140 :19/06/2012 :WO 2012/177635	<ul> <li>(71)Name of Applicant :</li> <li>1)VIAMET PHARMACEUTICALS INC. Address of Applicant :2250 Perimeter Park Drive Suite 320 Morrisville NC 27560 U.S.A.</li> <li>(72)Name of Inventor :</li> <li>1)HOEKSTRA William J.</li> <li>2)YATES Christopher M.</li> <li>3)SCHOTZINGER Robert J.</li> <li>4)LOSO Michael</li> <li>5)BUCHAN Zachary A.</li> <li>6)SULLENBERGER Michael</li> </ul>
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(57) Abstract :

The instant invention describes compounds having metalloenzyme modulating activity and methods of treating diseases disorders or symptoms thereof mediated by such metalloenzymes.

No. of Pages : 130 No. of Claims : 52

(19) INDIA

(22) Date of filing of Application :31/03/2014

(54) Title of the invention : RAZOR HEAD HAVING A LOW SHAVING ANGLE

(43) Publication Date : 09/01/2015

(57) Abstract :

The instant invention relates to razor head (5) comprising a housing having a top face (6) defining a shaving window delimited by a front guard (12) and a rear cap (20) together defining a tangent plane (P) at least one rigid cutting member (24) each freely mounted in the housing and having: a cutting edge portion (26) extending along a cutting edge portion axis and having a cutting edge accessible through the shaving window a guided portion (35) extending along a guided portion axis and a bent portion (53) intermediate the cutting edge portion and the guided portion. An angle (A) measured between the cutting edge axis and the tangent plane (P) is particularly low and is between 5° and 30°.

No. of Pages : 34 No. of Claims : 16

(22) Date of filing of Application :31/03/2014

(43) Publication Date : 09/01/2015

#### (54) Title of the invention : STREAMING OF MULTIMEDIA DATA FROM MULTIPLE SOURCES

<ul> <li>(51) International classification</li> <li>(31) Priority Document (31) Priority Date (32) Priority Date (33) Name of priority country</li> <li>(32) Priority Date (33) Name of priority (34) Name of priority (34)</li></ul>	<ul> <li>N21/442</li> <li>(71)Name of Applicant : <ul> <li>1)QUALCOMM Incorporated</li> <li>Address of Applicant :ATTN: INTERNATIONAL IP</li> <li>ADMINISTRATION 5775 Morehouse Drive San Diego</li> <li>California 92121 U.S.A.</li> <li>(72)Name of Inventor : <ul> <li>1)NAGARAJ Thadi M.</li> <li>2)BARONE Joseph P.</li> <li>3)NARAYANAN Rajesh</li> <li>4)KAPALLI Giridhar</li> </ul> </li> </ul></li></ul>
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#### (57) Abstract :

In one example a device includes a plurality of interfaces wherein each of the interfaces is communicatively coupled to a respective one of a plurality of sources a stream management unit configured to select using a manifest file for multimedia content one of a plurality of representations from which to retrieve multimedia data of the multimedia content wherein the manifest file includes information indicative of the plurality of representations of the multimedia content wherein the plurality of representations includes the selected representation wherein multimedia data for the representations is available from the plurality of sources and wherein the stream management unit is configured to select one of the sources from which to retrieve multimedia data for the selected representation and a source component configured to retrieve multimedia data for the selected representation from the selected via the one of the interfaces that is communicatively coupled to the selected source.

No. of Pages : 60 No. of Claims : 37

(22) Date of filing of Application :20/01/2014

#### (43) Publication Date : 09/01/2015

#### (54) Title of the invention : 1 ARYL 4 METHYL [1 2 4]TRIAZOLO[4 3 A]QUINOXALINE DERIVATIVES

<ul> <li>classification</li> <li>(31) Priority Document</li> <li>No</li> <li>(32) Priority Date</li> <li>(33) Name of priority</li> <li>country</li> <li>(86) International</li> <li>Application No <ul> <li>Filing Date</li> <li>(87) International</li> </ul> </li> <li>Publication No</li> <li>(61) Patent of Addition to</li> <li>Application Number <ul> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to</li> <li>Application Number</li> </ul>	:C07D487/04,A61K31/4985,A61P25/00 :11171519.9 :27/06/2011 :EPO :PCT/EP2012/062381 :26/06/2012 :WO 2013/000924 :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)JANSSEN PHARMACEUTICA NV Address of Applicant :Turnhoutseweg 30 B 2340 Beerse BELGIUM</li> <li>(72)Name of Inventor :</li> <li>1)ANDR‰S GIL Jos Ignacio</li> <li>2)ROMBOUTS Frederik Jan Rita</li> <li>3)TRABANCO SU REZ Andrs Avelino</li> <li>4)VANHOOF Greta Constantia Peter</li> <li>5)DE ANGELIS Meri</li> <li>6)BUIJNSTERS Peter Jacobus Johannes Antonius</li> <li>7)GUILLEMONT Jer´me Emile Georges</li> <li>8)BORMANS Guy Maurits R.</li> <li>9)CELEN Sofie Jeanne Leopoldine</li> <li>10)VLIEGEN Maarten</li> </ul>
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#### (57) Abstract :

The present invention relates to novel 1 aryl 4 methyl [1 2 4]triazolo[4 3 a] quinoxaline derivatives as inhibitors of phosphodiesterase 2 (PDE2) and to a lesser extent of phosphodiesterase 10 (PDE10) or as inhibitors of both phosphodiesterases 2 and 10. The invention is also directed to pharmaceutical compositions comprising such compounds to processes for preparing such compounds and compositions and to the use of such compounds and compositions for the prevention and treatment of disorders in which PDE2 is involved or disorders in which both PDE2 and PDE10 are involved such as neurological and psychiatric disorders and endocrinological or metabolic diseases. The present invention also relates to radiolabeled compounds which may be useful for imaging and quantifying the PDE2 enzyme in tissues using positron emission tomography (PET). The invention is also directed to compositions for imaging a tissue cells or a host in vitro or in vivo and to precursors of said compounds.

No. of Pages : 191 No. of Claims : 20

(19) INDIA

(22) Date of filing of Application :08/04/2014

#### (43) Publication Date : 09/01/2015

(54) Title of the invention : POLYMERI	C MATERIALS	
<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application <ul> <li>Number</li> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application Number <ul> <li>Filing Date</li> </ul> </li> </ul>	:C08G65/40 :1117796.1 :14/10/2011 :U.K.	<ul> <li>(71)Name of Applicant :</li> <li>1)VICTREX MANUFACTURING LIMITED Address of Applicant :Victrex Technology Centre Hillhouse International Thornton Cleveleys Lancashire FY5 4QD U.K (72)Name of Inventor : 1)CAPRA Carlo 2)TYLER Christoper Peter 3)WILSON Brian</li></ul>

(57) Abstract :

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

(22) Date of filing of Application :02/04/2014

(43) Publication Date : 09/01/2015

#### (54) Title of the invention : SOLVENT DE ASPHALTING WITH CYCLONIC SEPARATION

#### (57) Abstract :

The present invention relates to a method of improving a heavy hydrocarbon such as bitumen to a lighter more fluid product and more specifically to a final hydrocarbon product that is refinery ready and meets pipeline transport criteria without the addition of diluent. A solid asphaltene by product is created for easy handling and further processing. The invention is targeted to enhance Canadian bitumen but has general application in improving any heavy hydrocarbon. The process comprises: (a) pre heating a process fluid in a heater to a designed temperature; (b) moving the pre heated process fluid to a reactor and optimally converting asphaltenes in the process fluid within the reactor to produce a stream of thermally affected asphaltene nch fraction(s) and a stream of non condensible vapour and lighter liquid hydrocarbon(s); (c) deasphalting the thermally affected asphaltene nch stream with a solvent extraction process into a stream of heavy deasphalted oil (DAO) and a second stream containing concentrated asphaltene; (d) separating dry thermally affected asphaltene solids from the second stream in a separation unit recovering the process solvent; (e) a produced refinery feedstock comprising at least one of the produced streams.

No. of Pages : 52 No. of Claims : 41

(12) PATENT APPLICATION PUBLICATION		(21) Application No.601/MUMNP/2014 A	
(19) INDIA			
(22) Date of filing of Application :02/04/2014		(43) Publication Date : 09/01/2015	
(54) Title of the invention : STENT			
<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:A61F2/82 :2011-241306 :02/11/2011 :Japan :PCT/JP2012/005248 :22/08/2012 :WO 2013/065218 :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)NIPRO CORPORATION <ul> <li>Address of Applicant :9 3 Honjo nishi 3 chome Kita ku Osaka</li> </ul> </li> <li>shi Osaka 5318510 Japan</li> <li>(72)Name of Inventor : <ul> <li>1)MITSUDO Kazuaki</li> <li>2)AKIMOTO Koji</li> </ul> </li> </ul>	

#### (57) Abstract :

Provided is a stent of a novel structure with which deflection of the line shaped body during expansion is prevented and a substantially uniform expansion is achieved over the entire length thereof and with which after implantation stent fracture and damage of somatic tissue can be prevented by the stent exhibiting a superior pliability and conforming to the shape of the somatic lumen. A stent (10) having a cylindrical peripheral wall (12) and in which the peripheral wall (12) is formed by a line shaped body (14) that extends in a helical shape in the circumferential direction while traversing back and forth in the axial direction with a prescribed amplitude. In the stent connecting parts (22) which connect portions of the line shaped body (14) that are adjacent in the axial direction are formed and are provided with friable parts (24) which are ruptured by implantation in a somatic lumen and release the connections due to the connecting parts (22).

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

(21) Application No.619/MUMNP/2014 A

(19) INDIA

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

(43) Publication Date : 09/01/2015

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number</li> </ul>	:14/08/2012 :WO 2013/035000 :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)O.P.A. MEDICAL S.R.L. Address of Applicant :Largo Gaetano La Loggia 33 I 00149 Roma Italy</li> <li>(72)Name of Inventor :</li> <li>1)PIRAS Angelo</li> </ul>
(62) Divisional to Application Number Filing Date	:NA :NA	
Fling Date	INA	

#### (54) Title of the invention : ASSEMBLY FOR KYPHOPLASTY PROCEDURES

(57) Abstract :

An assembly for kyphoplasty procedures (1) comprising a syringe (5) which is suited to inflate a balloon inserted into a cavity obtained in the vertebral column and an injector (6) which is suited to introduce cement into the vertebral cavity formed. The assembly for kyphoplasty procedures comprises furthermore a control unit (2) and a pair of motors (7 8) each of which is suited to move a respective plunger (9 10) belonging to the syringe (5) and to the injector (6) respectively. The motors (7 8) are connected to the control unit (2).

No. of Pages : 11 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION	
(19) INDIA	

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

#### (43) Publication Date : 09/01/2015

#### (54) Title of the invention : DETECTION DEVICE

<ul><li>(31) Priority Document No</li><li>(32) Priority Date</li></ul>	:G08B3/10,G08B13/08,G07C9/00 :1116932.3 :01/10/2011 :U.K. :PCT/GB2012/052427 :01/10/2012 :WO 2013/045954 :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)YOUNG Peter Jeffrey <ul> <li>Address of Applicant :Old Parsonage Church Lane Roydon</li> </ul> </li> <li>Kings Lynn Norfolk PE32 1AR U.K</li> <li>(72)Name of Inventor : <ul> <li>1)YOUNG Peter Jeffrey</li> </ul> </li> </ul>
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(57) Abstract :

The present invention relates to a device for the detection of an open and unattended closure of an enclosure to prevent theft comprising a detector adapted to detect if the closure is open and a detector adapted to detect if the closure is unattended the detectors being operably connected to an effector adapted to alert a user to the open and unattended condition of the closure.

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

(19) INDIA

(22) Date of filing of Application :02/04/2014

(43) Publication Date : 09/01/2015

(51) International classification	:E06B9/34	(71)Name of Applicant :
(31) Priority Document No	:61/542760	1)HUNTER DOUGLAS INC.
(32) Priority Date	:03/10/2011	Address of Applicant :1 Blue Hill Plaza. P.O. Box 470 Pearl
(33) Name of priority country	:U.S.A.	River New York 10965 U.S.A.
(86) International Application No	:PCT/US2012/000429	(72)Name of Inventor :
Filing Date	:03/10/2012	1)COLSON Wendell
(87) International Publication No	:WO 2013/052084	2)FOGARTY Dan
(61) Patent of Addition to Application	:NA	3)SWISZCZ Paul
Number	:NA	
Filing Date	.INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		1

#### (54) Title of the invention : CONTROL OF ARCHITECTURAL OPENING COVERINGS

(57) Abstract :

Apparatus and methods for controlling architectural opening coverings are described herein. An example apparatus includes a roller tube a motor including a motor drive shaft and a motor casing the motor casing to rotate with the roller tube and a manual control including a manual control drive shaft coupled to the motor drive shaft the motor to apply torque to the roller tube through rotation of the motor casing.

No. of Pages : 49 No. of Claims : 18

(22) Date of filing of Application :13/03/2013

(43) Publication Date : 09/01/2015

## (54) Title of the invention : THERMOPLASTIC RESIN FOAM PROCESS FOR PRODUCING THERMOPLASTIC RESIN FOAM AND LIGHT REFLECTION MATERIAL

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application</li> <li>No</li> <li>Filing Date</li> <li>(87) International Publication N</li> <li>(61) Patent of Addition to</li> <li>Application Number</li> <li>Filing Date</li> <li>(62) Divisional to Application</li> <li>Number</li> </ul>	:NA :NA :NA :PCT/JP2010/063855 :17/08/2010 o :WO 2012/023173 :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)FURUKAWA ELECTRIC CO. LTD. Address of Applicant :2 3 Marunouchi 2 chome Chiyoda ku Tokyo 1008322 Japan</li> <li>(72)Name of Inventor :</li> <li>1)IKEDA Hideyuki</li> <li>2)INAMORI Kojiro</li> </ul>
Number Filing Date	:NA	

(57) Abstract :

Disclosed is thermoplastic resin foam obtained by foaming a thermoplastic resin composition which comprises 100 parts by mass of a noncrystalline thermoplastic resin (A) and 0.25 2.5 parts by mass of a fusion type crystallization nucleator (B) the foam being characterized by having cells inside which have an average cell diameter of 10  $\mu$ m or less.

No. of Pages : 28 No. of Claims : 7

#### (19) INDIA

(22) Date of filing of Application :03/06/2013

#### (43) Publication Date : 09/01/2015

(54) Title of the invention : WORLD BOX		
<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> </ul>	:e04b :NA :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)MOHANAN .V.M</li> <li>Address of Applicant :VAITHIYATH HOUSE,</li> <li>KANDASSANKADVU (P.O), THRISSURE (DIST), KERALA -</li> <li>680 613 India</li> <li>(72)Name of Inventor :</li> </ul>
<ul> <li>Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:NA :NA :NA :NA :NA	1)MOHANAN .V.M

#### (57) Abstract :

WORLD BOX is simply a concrete box with top and bottom sides open moulded using a precision mould with sand, cement and nominal reinforcement. The boxes thus manufactured when used in construction of walls, lintels, drains etc will act as a mould and as a building material. The hollow space in the wonder space is filled with readily available scrap material, sand, building waste, broken stones, glass, plastic, bricks etc. Construction using WORLD BOX is fast, consumes less sand and cement, has a good surface finish there by eliminating plastering. It is also possible to make small constructions where steel reinforcements are not used as in structural buildings earth resistant by providing reinforcing steel through the walls embedded in the filling material placed in the hollow portion of WORLD BOX. Use in construction of drains and lintel casting, use of form work is eliminated which in turn helps to preserve forests by saving wood and ply wood used for form work. Time saved and elimination of skilled labour lead to economical civil construction. Most important is the re-use of building waste and other waste materials. This is more important as waste disposal is one of the major factors threatening the eco-system. Placing of electrical and plumbing lines at the time of wall work saves labour and materials other wise needed for patch plastering. In short, WORLD Box is a simple but important invention which is capable of revolutionalising the construction field and contribute to world economy and prevents green house gase emissions by large amount, and speedy completion of the project.

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

(22) Date of filing of Application :18/06/2013

#### (54) Title of the invention : MASS MULTIPLICATION TECHNIQUE FOR PINK - PIGMENTED FACULTATIVE **METHYLOTROPHS (PPFM)**

#### (57) Abstract :

PPFM (pink-pigmented facultative methylotrophs) are aerobic, gram-negative bacteria which could stimulate plant growth and development by synthesizing plant growth hormones like cytokinin, zeatin and IAA. It can also stimulate early seed germination, vegetative growth, early flowering and fruit set yielding better quality of the fruits and seeds. It helps the crop in mitigating drought due to the synthesize of cytokinin which act as an anti-senescence hormone in all crops. The normal method of culturing PPFM is done in Ammonia Mineral Salt (AMS) medium supplemented with 0.5 per cent methanol, which takes minimum 5-7 days for multiplication, since the media contains only methanol as carbon source and mineral salts as supplementary nutrients. In the present innovative technique, large scale production of PPFM {Methylobacterium) liquid bioinoculant was done to meet the bulk demand in shorter time with ease and without contamination. This liquid inoculant has a viability period of 12 months. This technology is cost effective and time saving meant for commercial production. Since the regular AMS media supports slow growth of PPFM, a modified glycerol peptone medium was developed to enhance the growth rapidly within 24-48hours. The modified medium comprises of Glycerol and Peptone supplemented with 0.5 per cent of methanol and cyclohexamide (2ppm). To avoid fungal contamination during the multiplication time as well as storage period, an antifungal compound (cyclohexamide - 2ppm) was incorporated in the medium. The standardized medium was sterilized in fermenters at 121°C, 15 lbs atmospheric pressure for lhour. After sterilization, the temperature was brought down to 80°C with zero atmospheric pressure and the medium was collected from the fermenter outlet directly in to plastic cans measuring 1.5mm gauge thickness (20 litre capacity or 500ml / 1000ml capacity container) up to 75 per cent capacity. In this method the purpose of fermenter is only for sterilization. The sterilized medium in plastic cans was inoculated with higher concentration of PPFM@, 7% and closed with inner cap containing aluminium foil and sterilized nonabsorbent cotton which served as bacteriological filter to avoid contamination from entry of microbes from outside air and for free exchange of sterile air from outside atmosphere for good aeration for faster growth of PPFM and also for ensuring release of carbondioxide produced during multiplication of PPFM. Finally, the cans were closed with outer lid and a small hole was made in the outer cap. This provision of holes made on the inner and outer plastic caps facilitated the release of carbondioxide produced during growth of cells, thus preventing bulging and bursting of cans due to accumulation of carbondioxide inside the cans. The PPFM inoculated cans were labeled, stored at room temperature for 24-48hours to get the required inoculum level of 1010 -1012 cells ml.

No. of Pages : 16 No. of Claims : 7

(19) INDIA

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

(43) Publication Date : 09/01/2015

(54) Title of the invention : REGION BA	SED TECHNIQUE FOR	ACCURATELY PREDICTING MEMORY ACCESSES
<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application <ul> <li>Number</li> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application Number <ul> <li>Filing Date</li> </ul> </li> </ul>	:G06F9/44,G06F9/06 :12/821,935 :23/06/2010 :U.S.A. :PCT/US2011/041511 :22/06/2011 :WO/2011/163407 :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)INTEL CORPORATION <ul> <li>Address of Applicant :2200 MISSION COLLEGE BLVD.</li> </ul> </li> <li>SANTA CLARA CA 95052 U.S.A.</li> <li>(72)Name of Inventor : <ul> <li>1)SOARES Livio</li> <li>2)CHERUKURI Naveen</li> <li>3)KUMAR Akhilesh</li> <li>4)AZIMI Mani</li> </ul> </li> </ul>

(57) Abstract :

In one embodiment the present invention includes a processor comprising a page tracker buffer (PTB) the PTB including a plurality of entries to store an address to a cache page and to store a signature to track an access to each cache line of the cache page and a PTB handler the PTB handler to load entries into the PTB and to update the signature. Other embodiments are also described and claimed.

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

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

(43) Publication Date : 09/01/2015

(54) Title of the invention : CONFIGURATION UNIT AND METHOD FOR CONFIGURING A PRESENCE DETECTION SENSOR

<ul> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> </ul>	:PCT/IB2011/052358 :30/05/2011 :WO/2011/151772 :NA	EINDHOVEN 5621 BA NETHERLANDS (72)Name of Inventor : 1)PANDHARIPANDE Ashish Vijay 2)CAICEDO David Ricardo
e		

#### (57) Abstract :

A configuration unit (1) and a method for configuring a sensor (2) comprising a transmitter (4) and a plurality of receivers (6) are provided. The configuration unit is operatively connected to the transmitter and the plurality of receivers and is adapted to estimate the location of a static element (8) based on a probing signal (5) transmitted by the transmitter and based on a return signal (7) received by the plurality of receivers. The return signal is generated by reflection of the probing signal against the static element. Moreover the configuration unit is adapted to configure the sensor for presence detection of a target (9) based on the estimated location of the static element.

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

(19) INDIA

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

#### (43) Publication Date : 09/01/2015

(54) Title of the invention : MULTI EPIT	OPE ASSAY	
<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> </ul>	:G01N33/543 :10166390.4 :17/06/2010 :EPO :PCT/IB2011/052570 :14/06/2011 :WO/2011/158174	<ul> <li>(71)Name of Applicant :</li> <li>1)KONINKLIJKE PHILIPS ELECTRONICS N.V. Address of Applicant :GROENEWOUDSEWEG 1</li> <li>EINDHOVEN 5621 BA NETHERLANDS</li> <li>(72)Name of Inventor :</li> <li>1)SABATTE Gwenola</li> <li>2)PRINS Menno W. J.</li> <li>3)EVERS Toon H.</li> </ul>
Number Filing Date	:NA :NA	4)HARDEMAN Wilhelmina M. 5)ORSEL Joukje G.
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The present invention is related to a method for detection of a biological target in an affinity assay the method comprising the steps of providing a biological sample volume containing the biological target adding a first capturing moiety to the biological sample volume comprising the biological target wherein the first capturing moiety is adhered to a particle concentration of the captured biological target into an elution volume that is smaller than the biological sample volume in step a) cleavage of the first capturing moiety or the biological target from the particle and direct or indirect detection and/or quantification of the biological target in a sandwich or competitive affinity assay format wherein the biological target is associated with at least one capturing moiety preferably at least two capturing moieties.

No. of Pages : 41 No. of Claims : 14

(22) Date of filing of Application :26/02/2013

(43) Publication Date : 09/01/2015

#### (54) Title of the invention : PEST CONTROL COMPOSITION

<ul> <li>classification</li> <li>(31) Priority Document No :201</li> <li>(32) Priority Date :03/0</li> <li>(33) Name of priority :Japa</li> <li>(33) Name of priority :Japa</li> <li>(86) International Application No :25/0</li> <li>Filing Date :25/0</li> </ul>	CT/JP2011/067565 /07/2011 O 2012/017971 A	<ul> <li>(71)Name of Applicant :</li> <li>1)SUMITOMO CHEMICAL COMPANY LIMITED Address of Applicant :27 1 Shinkawa 2 chome Chuo ku Tokyo 1048260 Japan</li> <li>(72)Name of Inventor :</li> <li>1)IKARI Kaori</li> </ul>
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#### (57) Abstract :

A pest control composition comprising a hydrazide compound represented by formula (1) [in the formula G M Q Q Q Q R R R R and m have the definitions given in the Specifications] and a neonicotinoid compound selected from the group consisting of imidacloprid thiacloprid acetamiprid nitenpyram clothianidin and thiamethoxam; as well as a pest control method of applying effective amounts of a hydrazide compound represented by formula (1) and a neonicotinoid compound selected from the group consisting of imidacloprid thiacloprid acetamiprid nitenpyram clothianidin and thiamethoxam to pests or pest habitats.

No. of Pages : 263 No. of Claims : 15

#### (19) INDIA

(22) Date of filing of Application :21/06/2013

#### (43) Publication Date : 09/01/2015

(54) Title of the invention : POLYMERIC BIOMA	TERIALS	-
<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number <ul> <li>Filing Date</li> </ul> </li> </ul>	:A61K6/00 :NA :NA :NA :NA :NA : NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)Indian Institute of Technology Madras Address of Applicant :Indian Institute of Technology Madras (IIT Madras), IIT PO, Chennai - 600036 Tamil Nadu India</li> <li>(72)Name of Inventor :</li> <li>1)V. Susila Anand</li> <li>2)Venkatesh Balasubramanian</li> </ul>

(57) Abstract :

The embodiments herein provide a dental composite having organic resin matrix composition. The disclosed dental composite and organic resin matrix exhibit enhanced properties such as low elution, low cytotoxicity, high degree of conversion, no shrinkage, low-post operative sensitivity, no oxygen inhibition, and self-adhesive ability.

No. of Pages : 67 No. of Claims : 9

(19) INDIA

(22) Date of filing of Application :07/02/2013

(43) Publication Date : 09/01/2015

(51) International classification	:G06Q50/00	(71)Name of Applicant :
(31) Priority Document No	:12/872691	1)MICROSOFT CORPORATION
(32) Priority Date	:31/08/2010	Address of Applicant : One Microsoft Way Redmond
(33) Name of priority country	:U.S.A.	Washington 98052 6399 U.S.A.
(86) International Application No	:PCT/US2011/048664	(72)Name of Inventor :
Filing Date	:22/08/2011	1)ANDERSEN Hans Christian
(87) International Publication No	:WO 2012/030576	2)PANASYUK Anatoliy
(61) Patent of Addition to Application	:NA	3)REMANY Venkata Somanadha Sarma
Number	:NA :NA	4)KUS Bart
Filing Date	.11/1	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(57) Ale stars at a		1

#### (54) Title of the invention : ADAPTIVELY SELECTING ELECTRONIC MESSAGE SCANNING RULES

(57) Abstract :

The present invention extends to methods systems and computer program products for adaptively selecting electronic message scanning rules. Embodiments of the invention relate to dynamically (and potentially unpredictably) varying the depth/thoroughness of classifying electronic messages to protect against undesirable message content (e.g. SPAM viruses digital leakage etc.). A minimum effectiveness is maintained and when available resources permit can be exceeded to provide increased protection. An optimal subset of available message classification rules can be selected on a per message basis. The selection of rules is based on available system resources minimum desired effectiveness (e.g. defined in a Service Level Agreement (SLA)) and rule characteristics. Feedback loops can be used to optimize selected classification rule subsets.

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

(22) Date of filing of Application :10/04/2013

#### (54) Title of the invention : METHOD FOR PRODUCING ACRYLIC ACID FROM ETHANOL AND FORMALDEHYDE

<ul> <li>(51) International classification</li> <li>(31) Priority Document Not</li> <li>(32) Priority Date</li> <li>(33) Name of priority</li> <li>country</li> <li>(86) International</li> <li>Application No <ul> <li>Filing Date</li> <li>(87) International</li> </ul> </li> <li>Publication No</li> <li>(61) Patent of Addition to</li> <li>Application Number <ul> <li>Filing Date</li> <li>(62) Divisional to</li> </ul> </li> </ul>	:C07C51/373,C07C51/377,C07C57/04 :10 2010 040 923.5 :16/09/2010 :Germany :PCT/EP2011/065863 :13/09/2011 :WO 2012/035019 :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)BASF SE Address of Applicant :67056 Ludwigshafen Germany</li> <li>(72)Name of Inventor :</li> <li>1)HERZOG Stefanie</li> <li>2)ALTWASSER Stefan</li> <li>3)OTTENBACHER Markus</li> <li>4)HTTEN Frank</li> <li>5)WENTINK Annebart Engbert</li> <li>6)SCH,,FER Alexander</li> </ul>
Application Number Filing Date	:NA :NA	

(57) Abstract :

The invention relates to a method for producing acrylic acid from ethanol and formaldehyde in which method the ethanol is partially oxidised to obtain acetic acid in a heterogeneously catalysed gas phase reaction in a reaction zone A a reaction gas entry mixture B that contains acetic acid and formaldehyde being produced with the product mixture A that has been obtained and a formaldehyde source said entry mixture B having a greater amount of acetic acid than of formaldehyde and the formaldehyde contained in the reaction gas entry mixture B is heterogeneously catalysed with the acetic acid contained in reaction gas entry mixture B in a reaction zone B to obtain acrylic acid and aldol condensed and acetic acid that is still contained and not reacted in the product gas mixture B which has been obtained besides the target product of acrylic acid is separated from product gas mixture B this separated acetic acid then being fed back into the production of the reaction gas entry mixture B.

No. of Pages : 94 No. of Claims : 24

(22) Date of filing of Application :28/06/2013

(43) Publication Date : 09/01/2015

### (54) Title of the invention : AN EXHAUST GAS RECIRCULATION (EGR) VALVE AND AN EXHAUST GAS RECIRCULATION (EGR) SYSTEM

(51) International classification	:F02D41/00,F02D35/00,F02M25/07,F02B37/	(71)Name of Applicant : 1)Bosch Limited
(31) Priority	:NA	Address of Applicant : Post Box No 3000, Hosur Road,
Document No		Adugodi, Bangalore 560030, Karnataka, INDIA 2)Robert
(32) Priority Date	:NA	Bosch GmbH
(33) Name of	:NA	(72)Name of Inventor :
priority country	.11A	1)SHIVAPRAKASH HALEYANGADI
(86) International	:NA	2)SUDHINDRA CHINTALAPALLI
Application No	:NA	VENKATACHALAPATHY
Filing Date	.NA	3)RAVINDRA KALINGANAHALLI UMESH
(87) International	: NA	
Publication No	. 11/1	
(61) Patent of		
Addition to	:NA	
Application Number	::NA	
Filing Date		
(62) Divisional to	:NA	
Application Number	:NA	
Filing Date	.1\/A	

#### (57) Abstract :

An exhaust gas recirculation valve and system are disclosed. The valve 10 comprises an inlet 12, an outlet 14 and a valve element 16. In dependence of the movement of the valve one end of the valve element 16 allows fluid communication between inlet 12 and the outlet 14. Valve 10 comprises a diaphragm 18, a valve guide 20 and a spring 22. Diaphragm 18 is connected to a second end of the valve element 16. Diaphragm 18 forms a chamber 24 within valve 10 and is isolated from the part of valve 10 accommodating valve element 16. Chamber 20 is adapted to be filled with pressurized gas. Valve guide 20 is spaced apart from diaphragm 18. Valve guide 20 is located in proximity of inlet 12 of valve 10 and spring 22 is located in the space between diaphragm 18 and valve guide 20.

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

(19) INDIA

(22) Date of filing of Application :28/06/2013

#### (43) Publication Date : 09/01/2015

#### (54) Title of the invention : CLOSING CYLINDER

(51) International classification:E05B2(31) Priority Document No:A516/(32) Priority Date:25/06/(33) Name of priority country:Austri(86) International Filing Date:NA(87) International Publication No (61) Patent of Addition to:NAApplication Number Filing Date:NA(62) Divisional to Filing Date:NA(62) Divisional to Filing Date:NA:NA:NA:NA:NA:NA:NA:NA:NA:NA:NA:NA:NA:NA:NA:NA:NA:NA:NA	/2013	<ul> <li>(71)Name of Applicant :</li> <li>1)EVVA SICHERHEITSTECHNOLOGIE GmbH Address of Applicant :Wienerbergstrasse 59-65, A-1120 Wien Austria</li> <li>(72)Name of Inventor :</li> <li>1)AMON, Reinhard</li> </ul>
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(57) Abstract :

The invention is with regard to a closing cylinder (1), consisting either of two case parts (2, 3) or a case part (2) and an assembly part, whereby each case part (2, 3) is designed to receive a cylinder core (5) and the two case parts (2, 3) or the case part (2) and the assembly part (4) are connected by a connecting bridge (6), whereby the connecting bridge (6) consists of a first steel member part(s) (7) with which to support the first case part (2) or the assembly part and a second steel member part(s) (9) with which to support the second case part (3) or the assembly part, whereby the two steel member part(s) (7, 9) are connected to one another by a flange piece (11) that projects in a radial manner and the steel member part(s) (7, 9) of the connecting bridge (6) exhibit circular or essentially semi-circular receiving areas that are located to be offset relative to the outer circumference of the steel member part(s) (7, 9).

No. of Pages : 43 No. of Claims : 28

(21) Application No.10337/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :11/12/2012

(43) Publication Date : 09/01/2015

(51) International classification	:H05B37/02	(71)Name of Applicant :
(31) Priority Document No	:NA	1)LUMETRIC LIGHTING INC.
(32) Priority Date	:NA	Address of Applicant :117 Flint Road Suite C Oak Ridge TN
(33) Name of priority country	:NA	37830 (US). U.S.A.
(86) International Application No	:PCT/US2010/040503	(72)Name of Inventor :
Filing Date	:29/06/2010	1)DAVIS Gregory
(87) International Publication No	:WO/2012/005718	2)SHLOUSH Moshe
(61) Patent of Addition to Application	. N T Á	
Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(57) 41	.1 11 1	

#### (54) Title of the invention : LIGHTING CONTROL SYSTEM AND METHOD

(57) Abstract :

A system for the control of a set of powered utilities is disclosed. The system comprises a first device which in turn comprises a processor capable of altering a state of a first powered utility. This first device further comprises a data port configured to transmit a set of messages. These messages include a transmitted message delivered from the processor. The system additionally comprises a second device which in turn comprises a second processor capable of altering a state of a second powered utility. The second processor is configured to selectively alter the state of the second powered utility based on the transmitted message.

No. of Pages : 76 No. of Claims : 20

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

(43) Publication Date : 09/01/2015

(54) Title of the invention : METHOD AND APPARATUS FOR GENERATING A PREDETERMINED TYPE OF AMBIENT LIGHTING

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application <ul> <li>Number</li> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application Number</li> </ul>	:10167446.3 :28/06/2010 :EPO :PCT/IB2011/052733 :22/06/2011 :WO/2012/001588 :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)KONINKLIJKE PHILIPS ELECTRONICS N.V. Address of Applicant :GROENEWOUDSEWEG 1</li> <li>EINDHOVEN 5621 BA NETHERLANDS</li> <li>(72)Name of Inventor :</li> <li>1)MONACI Gianluca</li> <li>2)GRITTI Tommaso</li> </ul>
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A predetermined type of ambient lighting is generated in which the influence of each of a plurality of luminaries on a predetermined type of ambient lighting is determined (203) and illumination of each of the plurality of luminaries is controlled (209) to generate said predetermined type of ambient light based on the determined influence of each of the plurality of luminaries.

No. of Pages : 18 No. of Claims : 13

(19) INDIA

(22) Date of filing of Application :23/02/2012

(43) Publication Date : 09/01/2015

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number</li> </ul>	:16/08/2010 :WO 2011/021603 A1 :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)NTT DOCOMO, INC. Address of Applicant :11-1, NAGATACHO 2-CHOME, CHIYODA-KU, TOKYO 100-6150 Japan</li> <li>(72)Name of Inventor :</li> <li>1)TAKAHASHI, HIDEAKI</li> <li>2)HAPSARI, WURI ANDARMAWANTI</li> <li>3)OKAMOTO, TAKESHI</li> <li>4)HOSONO, HIROYUKI</li> <li>5)ISHII, MINAMI</li> </ul>
(62) Divisional to Application Number Filing Date	:NA :NA	

#### (54) Title of the invention : MOBILE COMMUNICATION METHOD AND RADIO BASE STATION

(57) Abstract :

A mobile communication method comprises: a step in which a mobile station (UE) transmits, to a radio base station (HeNB), a Measurement Report including the identification information ECGI of the cell in charge of a radio base station (eNB); a step in which the radio base station (HeNB) transmits an (X2)HO Request meluding the identification information ECGr of the cell in charge of the radio base station (eNB) with the (X2)HO Request addressed to the EP address of a gateway paratus (HeNB-GW); and a step in which the gateway apparatus (HeNB-GW) transfers the (X2)HO Request with the (X2)HO Request addressed to the EP address of a gateway paratus (the EP address of the cell in charge of the corresponding to the identification information ECGF' of the cell in charge of the radio base station (eNB).

No. of Pages : 34 No. of Claims : 8

#### (19) INDIA

(22) Date of filing of Application :24/06/2013

(43) Publication Date : 09/01/2015

#### (54) Title of the invention : NANOPARTICLES FUNCTIONALIZED WITH CHLESTEROL SPECIFIC BINDING AGENTS

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number <ul> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application Number</li> </ul>	:NA :NA :NA :NA :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)DEPARTMENT OF SPACE <ul> <li>Address of Applicant :ANTARIKSH BHAVAN, NEW BEL</li> </ul> </li> <li>ROAD, BANGALORE - 560 094 Karnataka India </li> <li>(72)Name of Inventor : <ul> <li>1)DR. KURUVILLA JOSEPH</li> <li>2)DR. VIDYA RAJ</li> </ul> </li> </ul>
Filing Date	:NA	

(57) Abstract :

The present invention relates to nanoparticles functionalized with cholesterol specific binding agents as an analytical platform for determination of cholesterol. In particular, the present invention relates to tomatine functionalized gold nanoparticles and a process for their preparation.

No. of Pages : 20 No. of Claims : 18

#### (19) INDIA

(22) Date of filing of Application :27/06/2013

(43) Publication Date : 09/01/2015

#### (54) Title of the invention : A METHOD OF OPERATING A REFRIGERANT RECOVERY AND RECHARGE DEVICE

(57) Abstract :

A method of operating a refrigerant recovery and recharge device is disclosed. The method comprises the following steps: determining the specific pulse width for recharging oil from the refrigerant recovery and recharge device to a refrigeration equipment; determining the number of pulses of constant specific pulse width for recharging oil from the refrigerant recovery and recharge device to a refrigeration equipment and recharging oil from the refrigerant recovery and recharge device to refrigeration equipment in dependence of the determined specific pulse width and number of pulses.

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

(22) Date of filing of Application :01/07/2013

(43) Publication Date : 09/01/2015

(54) Title of the invention : METHODS, SYSTEMS, AND COMPUTER-READABLE MEDIA FOR PROVIDING FINANCIAL TRANSACTIONS

(51) International classification	:G06Q20/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)INFOSYS LIMITED
(32) Priority Date	:NA	Address of Applicant : IP CELL, PLOT NO 44,
(33) Name of priority country	:NA	ELECTRONICS CITY, HOSUR ROAD, BANGALORE - 560
(86) International Application No	:NA	100 Karnataka India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)GAUTAM BANDYOPADHYAY
(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 computer-implemented methods, systems and computer-readable media for providing financial transactions. The method steps comprise initializing at least one transaction from a customer held device, wherein initializing comprises entering a network provider code, an acquiring institution number, a merchant identification number, a terminal identification number and sending a transaction request to an issuing institution. The method further comprises authenticating said transaction by said issuing institution, wherein authenticating comprises confirming said transaction by said issuing institution, sending said confirmation transaction to an acquiring institution and routing the confirmation to said terminal identification number by said acquiring institution and terminating said transaction at a merchant held device.

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

(22) Date of filing of Application :07/02/2013

(43) Publication Date : 09/01/2015

## (54) Title of the invention : COMBINATIONS OF BETA 3 ADRENERGIC RECEPTOR AGONISTS AND MUSCARINIC RECEPTOR ANTAGONISTS FOR TREATING OVERACTIVE BLADDER

(31) Priority Document No :61/370171Address of Applicant :21 Carriag(32) Priority Date:03/08/201019317 U.S.A.(33) Name of priority country:U.S.A.19217 U.S.A.(86) International Filing Date:PCT/US2011/046208 :02/08/2011:02/08/2011(87) International Publication No (61) Patent of Addition to Filing Date:WO 2012/0187733)MCCALLUM Stewart(62) Divisional to Filing Date:NA :NA :NA:NA :NA:NA :NAFiling Date:NA :NA:NA :NA	<ul> <li>(32) Priority Date</li> <li>(33) Name of priority</li> <li>country</li> <li>(86) International</li> <li>Application No <ul> <li>Filing Date</li> </ul> </li> <li>(87) International</li> <li>Publication No</li> <li>(61) Patent of Addition to</li> <li>Application Number <ul> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to</li> <li>Application Number</li> </ul>	:03/08/2010 y :U.S.A. :PCT/US2011/046208 :02/08/2011 :WO 2012/018773 on to :NA :NA :NA	1)ALTHERX INC. Address of Applicant :21 Carriage Path Chadds Ford PA 19317 U.S.A. (72)Name of Inventor : 1)CALTABIANO Stephen 2)OHLSTEIN Eliot
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(57) Abstract :

Pharmaceutical combinations comprising a beta 3 adrenergic receptor agonist and a muscarinic receptor antagonist and methods for their use are disclosed. Disclosed combinations include solabegron and oxybutynin. Methods of using the pharmaceutical combinations for the treatment of one or more symptoms associated with overactive bladder for example frequency of urgency nocturia and urinary incontinence are also disclosed.

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

(19) INDIA

(22) Date of filing of Application :17/12/2012

(43) Publication Date : 09/01/2015

(51) International classification	:G01C19/56	(71)Name of Applicant :
(31) Priority Document No	:1008526.4	1)Silicon Sensing Systems Limited
(32) Priority Date	:21/05/2010	Address of Applicant : of Clittaford Road Southway
(33) Name of priority country	:U.K.	Plymouth PL6 6DE U.K.
(86) International Application No	:PCT/GB2011/000758	(72)Name of Inventor :
Filing Date	:19/05/2011	1)DURSTON Michael
(87) International Publication No	:WO/2011/144899	2)TOWNSEND Kevin
(61) Patent of Addition to Application	:NA	3)FELL Christopher Paul
Number	:NA :NA	
Filing Date	.11/1	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
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#### (54) Title of the invention : ANGULAR RATE SENSOR WITH IMPROVED AGEING PROPERTIES

(57) Abstract :

An angular velocity sensor is described with improved ageing and hysteresis properties. The sensor may be of a ring type driven circuit the sensor further comprising primary and secondary portions having corresponding signal pickoffs. The gain of the primary pickoff signal and the capacitance of the primary portions of the sensor are controlled relative to the gain of the secondary pickoff and the capacitance of the sensor.

No. of Pages : 20 No. of Claims : 8

(22) Date of filing of Application :24/06/2013

(43) Publication Date : 09/01/2015

## (54) Title of the invention : METHOD, SYSTEM AND COMPUTER PRODUCT PROGRAM FOR GOVERNANCE OF DATA MIGRATION PROCESS

:G06F17/30,G06F17/60	
:NA	1)INFOSYS LIMITED
:NA	Address of Applicant : IP CELL, PLOT NO.44,
:NA	ELECTRONICS CITY, HOSUR ROAD, BANGALORE - 560
:NA	100 Karnataka India
:NA	(72)Name of Inventor :
: NA	1)GOPI KRISHNA BALASA
·NA	2)RADHA KRISHNA PISIPATI
:NA	
:NA	
:NA	
	:NA :NA :NA :NA :NA :NA :NA

#### (57) Abstract :

The present invention describes a method, system and computer product program for governance of data migration process in an enterprise from atleast one source to atleast one target. The method includes receiving, using a rules engine, the source information and the target information in response to a request for the data migration. The method also includes, identifying, using the rules engine, atleast one business rule governing the data migration process based on the received source information and the target information. The method further includes instructing to initiate the data migration process by migration engine based on the identified business rule.

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

(19) INDIA

(22) Date of filing of Application :24/06/2013

(54) Title of the invention : DEVELOPMENT OF THE ADVANCED FREE FLOW FUNNEL		
<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> </ul>	:NA :NA :NA	(71) <b>Name of Applicant :</b> <b>1)S. KANNAN</b> Address of Applicant :OLD NO.6, NEW NO.8/1W, BODIDASANPATTI, AUNDIPATTI TALUK, THENI
(86) International Application No Filing Date	:NA :NA	DISTRICT - 625 536 Tamil Nadu India (72) <b>Name of Inventor :</b>
<ul><li>(87) International Publication No</li><li>(61) Patent of Addition to Application Number</li></ul>	: NA :NA	1)S. KANNAN
Filing Date (62) Divisional to Application Number	:NA :NA	
Filing Date	:NA	

(57) Abstract :

An extra air outlet pipe line (5) is fixed in the lower part (stem) of the conventional / ordinary funnel (As shown in the annexed Drawing - Fig 01 titled Advanced Free Flow Funnel) along with an opening or hole (6) in the lower part as well as on the upper part of the said pipeline. The upper part of the opening of the air outlet pipe line (5) is connected to the fan chamber (2) through a small hose pipe (4) and the air released from the container while pouring kerosene or any liquid in to stove or any other container is passed through the opening or hole (6) in the lower part of the air outlet pipe (5) and the hose (4) and finally through the fan chamber (2) and thereby rotating the fan (3) indicating that the air is released freely and the liquid is poured smoothly without any air lock or any other disturbance. As the air inside the chamber is released from the container in to which any liquid is poured, the flow of the liquid into the container is free and smooth without any air lock etc. or any other inconveniences.

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

(22) Date of filing of Application :03/07/2013

#### (43) Publication Date : 09/01/2015

#### (54) Title of the invention : INTEGRATED AVIONICS SOFTWARE & DATA UPLOADING/DOWNLOADING AND HEALTH DIAGNOSTIC SYSTEM

(51) International classification	:G06F	(71)Name of Applicant :
(31) Priority Document No	:NA	1)HINDUSTAN AERONAUTICS LIMITED
(32) Priority Date	:NA	Address of Applicant :GENERAL MANGER, MCSRDC
(33) Name of priority country	:NA	DIVISION, HINDUSTAN AERONAUTICS LIMITED,
(86) International Application No	:NA	VIMANAPURA POST, BANGALORE - 560 017 Karnataka
Filing Date	:NA	India
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)SINGH ABHISHEK
Filing Date	:NA	2)ANNAMALAI PRABU
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract :

This invention provides an integrated system for uploading, downloading and health diagnostic for Avionics systems. This invention defines a simple protocol for uploading, downloading and health diagnostic of data, software components and test results from avionics system consisting of multiple single board computers over the Ethernet through TFTP protocol. Important step of this invention is establishing the successful communication between host system and avionics system. After the communication is established the host system sends the command file to initiate the transaction based on the user section in the GUI. Based on the command issued the target system transmits, receives or perform the test and sent the status and summary of the operation to the host where it will be displayed to the user in the GUI.

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

(21) Application No.1005/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :07/02/2013

(43) Publication Date : 09/01/2015

#### (54) Title of the invention : SYSTEM AND METHOD OF FORMING VARIABLE DENSITY SEATING MATERIALS (51) International classification :B29C67/00 (71)Name of Applicant : (31) Priority Document No 1)JOHNSON CONTROLS TECHNOLOGY COMPANY :61/363820 (32) Priority Date Address of Applicant :915 East 32nd Street Holland MI 49423 :13/07/2010 (33) Name of priority country :U.S.A. U.S.A. (86) International Application No :PCT/US2011/043825 (72)Name of Inventor : 1)YAMASAKI Ryoko Filing Date :13/07/2011 (87) International Publication No 2)HODGE Brent T. :WO 2012/009417 (61) Patent of Addition to Application 3)LI William W. :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

A system and method of forming seating materials having variable density gradient for high hardness ratio of high to low deflection and more specifically to forming foam materials for vehicle seats having variable density gradient that allow greater comfort across a wider range of occupant weights and the use of single foam formulations across a wide range of types of vehicle seats having significantly different desired performance characteristics.

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

(19) INDIA

(22) Date of filing of Application :21/06/2013

(43) Publication Date : 09/01/2015

#### (54) Title of the invention : METHOD AND APPARATUS FOR SMART VIDEO RENDERING

<ul> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number</li> <li>Filing Date</li> <li>:NA</li> </ul> 2)Sujeet Shyamsundar Mate	<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No</li> </ul>	:NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)NOKIA CORPORATION <ul> <li>Address of Applicant :Keilalahdentie 4, FIN-02150 Espoo,</li> </ul> </li> <li>Finland <ul> <li>(72)Name of Inventor :</li> <li>1) Issan Darila Diaga Currais</li> </ul> </li> </ul>
Filing Date :NA			1)Igor Danilo Diego Curcio 2)Sujeet Shyamsundar Mate
(62) Divisional to Application Number :NA Filing Date :NA	Filing Date (62) Divisional to Application Number	:NA :NA	

(57) Abstract :

A method generating control data for displaying a video sequence on a low resolution display may comprise providing at least a first video sequence, the first video sequence comprising a plurality of image frames, determining whether a first image frame of the first video sequence comprises a sub-image of a primary object, selecting a first position of a primary image portion of an image frame such that the first position substantially matches with the position of the sub-image of the primary object, if the first image frame has been determined to comprise said sub-image of said primary object and providing control data, which indicates said first position.

No. of Pages : 75 No. of Claims : 25

(22) Date of filing of Application :21/06/2013

(43) Publication Date : 09/01/2015

# (54) Title of the invention : NEW DESIGN OF ELECTRIC MOTOR DRIVE OR PROPULSION OF TWO AND THREE WHEELERS WHERE THE FRONT WHEEL IS CHOSEN FOR GIVING THE DRIVE OR PROPULSION, AS STAND ALONE DRIVE OR SUPPLEMENTARY DRIVE TO REAR WHEEL DRIVE

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number Eiling Date</li> </ul>	:NA :NA :NA :NA :NA :NA :NA :NA	(71)Name of Applicant : 1)M. BALAKUMAR Address of Applicant :FLAT F, NUTECH SWARNAM APARTMENTS, NEW NO.21, THIRD MAIN ROAD, GANDHI NAGAR, ADYAR, CHENNAI - 600 020 Tamil Nadu India (72)Name of Inventor : 1)M. BALAKUMAR
Filing Date	:NA	

#### (57) Abstract :

Involving New Design & Constructional Principles, Design Layout and Architecture, System Matching and Integration layout & shape of elements, constituting an innovative propulsion/drive solution as illustrated in drawings attached, comprising Electric Motor mounted on Mounting Bracket which is pivoted on the Axle of the Front Wheel, the Mounting Bracket being free to oscillate about the said Axle but maintaining the Center Distance between the Electric Motor and the Axle, for ensuring the slack less drive integrity of the Belt/Chain Drive between them, even when the Front Wheel moves up and down as a whole due to suspension action of the Front Forks, the said Mounting Bracket connected to the Front (Suspension)Fork thro Clamp Brackets and Links, to maintain their relative position

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

#### (19) INDIA

(22) Date of filing of Application :01/07/2013

(43) Publication Date : 09/01/2015

### (54) Title of the invention : METHOD AND SYSTEM FOR AUTHENTICATING VIDEO CONTENT DURING A VIDEO CALL

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(33) Name of priority country</li> <li>(86) International Application No</li> <li>Filing Date</li> <li>(87) International Publication No</li> <li>(87) International Publication No</li> <li>(87) International Publication No</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number</li> <li>Filing Date</li> <li>(62) Divisional to Application Number</li> <li>Filing Date</li> <li>(87) International to Application Number</li> <li>(87) International to Application Number</li> <li>(87) International to Application Number</li> <li>(87) Divisional to Application Number</li> <li>(87) Di</li></ul>	<ul> <li>(71)Name of Applicant :         <ul> <li>1)SAMSUNG ELECTRONICS COMPANY Address of Applicant :416 MAETAN-DONG, YEONGTONG-GU, SUWON-SI, GYEONGGI-DO 442-742 Republic of Korea</li> <li>(72)Name of Inventor :                 <ul> <li>1)SARIYA ANSARI</li> <li>2)TANWEER ALAM</li> </ul> </li> </ul> </li> </ul>
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(57) Abstract :

A method and system for authenticating video content during a video call is provided. The method includes initiating the video call from a first mobile device to a second mobile device. The method includes capturing the video call in real time. Further, the method includes generating a watermark payload from unique identification details of at least one of the first mobile device and the second mobile device. Furthermore, the method includes applying the watermark payload on the video content. Further, the method includes transmitting watermarked video content from the first mobile device to the second mobile device.

No. of Pages : 45 No. of Claims : 21

(19) INDIA

(22) Date of filing of Application :03/07/2013

(43) Publication Date : 09/01/2015

#### (54) Title of the invention : HERMETICALLY SEALED CERAMIC DISCHARGE LAMPS

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No</li> </ul>	:NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)GENERAL ELECTRIC COMPANY Address of Applicant :1 RIVER ROAD, SCHENECTADY, NEW YORK 12345 U.S.A.</li> <li>(72)Name of Inventor :</li> </ul>
(80) International Application No Filing Date (87) International Publication No	:NA :NA : NA	1)KUMAR, SUNDEEP 2)NAGESH, MAMATHA
(61) Patent of Addition to Application Number	:NA	3)RAMAIAH, RAGHU
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA	

(57) Abstract :

A discharge lamp is presented. The lamp includes an arc envelope defining a chamber and a first opening. A plug is positioned in the first opening through a first seal. The lamp further includes a dosing tube extending away from the chamber, and having a passageway extending into the chamber through a second opening in the arc envelope. The dosing tube is coupled to the arc envelope via a second seal. The first seal, the second seal, or both seals include a braze material having an active metal element in an amount ranging from about 0.1 weight percent to about 10 weight percent, based on the total weight of the braze material.

No. of Pages : 27 No. of Claims : 20

(21) Application No.10316/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 09/01/2015

(51) International classification	:B60L11/18,H02J7/02	(71)Name of Applicant :
(31) Priority Document No	:61/346,378	1)QUALCOMM INCORPORATED
(32) Priority Date	:19/05/2010	Address of Applicant :5775 Morehouse Drive San Diego
(33) Name of priority country	:U.S.A.	92121 U.S.A.
(86) International Application No	:PCT/US2011/037058	(72)Name of Inventor :
Filing Date	:18/05/2011	1)HANSPETER WIDMER
(87) International Publication No	:WO/2011/146661	2)NIGEL P. COOK
(61) Patent of Addition to Application	:NA	3)LUKAS SIEBER
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
Filing Date	:NA	

#### (54) Title of the invention : ADAPTIVE WIRELESS ENERGY TRANSFER SYSTEM

(57) Abstract :

Exemplary embodiments are directed to wireless power transfer using magnetic resonance in a coupling mode region between a charging base (CB) and a remote system such as a battery electric vehicle (BEV). The wireless power transfer can occur from the CB to the remote system and from the remote system to the CB. Load adaptation and power control methods can be employed to adjust the amount of power transferred over the wireless power link, while maintaining transfer efficiency.

No. of Pages : 71 No. of Claims : 52

(22) Date of filing of Application :13/03/2013

(43) Publication Date : 09/01/2015

### (54) Title of the invention : BIOCATALYSTS AND METHODS FOR THE SYNTHESIS OF (1R 2R) 2 (3 4 DIMETHOXYPHENETHOXY)CYCLOHEXANAMINE

(51) International classification:C12P13/00,C12P7/00(31) Priority Document No:61/374079(32) Priority Date:16/08/2010(33) Name of priority country:U.S.A.(86) International Application No:PCT/US2011/046932Filing Date:08/08/2011(61) Patent of Addition to Application:NANumber:NAFiling Date:NA(62) Divisional to Application Number:NAFiling Date:NA1:NA11	1)CODEXIS INC. Address of Applicant :200 Penobscot Drive Redwood City California 94063 U.S.A. 72)Name of Inventor : 1)CABIROL Fabien L. 2)GOHEL Anupam 3)COLLIER Steven J. 4)LIANG Jack 5)MOCK Marissa 6)MUNDORFF Emily 7)NOVICK Scott 8)LIMANTO John 9)SMITH Derek 10)BEUTNER Gregory 11)KLAPARS Artis 12)ASHLEY Eric 13)STROTMAN Hallena 14)TRUPPO Matthew 15)HUGHES Gregory 16)GRAU Brendan 17)JANEY Jacob
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(57) Abstract :

The disclosure provides transaminase polypeptides capable of converting the substrate 2 (3 4 dimethoxy)eyclohexanone to the trans diastereomer product (1R 2R) 2 (3 4 dimethoxy)eyclohexanamine in at least a 2:1 diastereomeric ratio relative to the cis diastereomer (1R 2S) 2 (3 4 dimethoxy)eyclohexanamine. The disclosure also provides

polynucleotides vectors host cells and methods of making and using the transaminase polypeptides in processes for preparing (1R 2R) 2 (3 4 dimethoxyphenethoxy)cyclohexanamine and its analogs which can product compounds can be further used to prepare the aminocyclohexylether compound (3R) 1 [(1R 2R) 2 [2 (3 4 dimethoxyphenyl)ethoxy]cyclohexyl]pyrrolidin 3 ol which is an ion channel blocker.

No. of Pages : 310 No. of Claims : 51

(22) Date of filing of Application :01/07/2013

#### (43) Publication Date : 09/01/2015

#### (54) Title of the invention : DEVICE AND METHOD FOR IDENTIFYING INDIVIDUALS USING INTRAOCULAR CHARACTERISTIC DATA

(57) Abstract :

The present invention comprises an ocular data collection method. The method involves projecting a light beam on an eye of a person in the form of one or more patterns. The light beam reflected from the eye of the person is received to extract an intraocular characteristic data of the person. The intraocular characteristic data may correspond to one or more of an ocular structure, a blood vessel pattern, an eye defect and a blood flow pattern in the eye. The extracted intraocular characteristic data is stored in a memory. The present invention also comprises a method and device for identifying a person. The identifying method involves scanning an eve of the person to extract an intraocular characteristic data of the person. The extracted intraocular characteristic data is compared with a pre-stored intraocular characteristic data of the person for confirming the identity of the person.

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

(22) Date of filing of Application :04/07/2013

(43) Publication Date : 09/01/2015

#### (54) Title of the invention : METHOD OF IMPROVING CONTRAST FOR TEXT EXTACTION AND RECOGNITION APPLICATIONS

(51) International classification	:G06F	(71)Name of Applicant :
(31) Priority Document No	:NA	1)QUALCOMM INCORPORATED
(32) Priority Date	:NA	Address of Applicant :5775 Morehouse Drive, San Diego, CA
(33) Name of priority country	:NA	92121, United States of America
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)Kishor K. Barman
(87) International Publication No	: NA	2)Hemanth P. Acharya
(61) Patent of Addition to Application Number	:NA	3)Pawan Kumar Baheti
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		1

(57) Abstract :

An electronic device and method receive (for example, from a memory), a grayscale image of a scene of real world captured by a camera of a mobile device. The electronic device and method also receive a color image from which the grayscale image is generated, wherein each color pixel is stored as a tuple of multiple components. The electronic device and method determine a new intensity for at least one grayscale pixel in the grayscale image, based on at least one component of a tuple of a color pixel located in correspondence to the at least one grayscale pixel. The determination may be done conditionally, by checking whether a local variance of intensities is below a predetermined threshold in a subset of grayscale pixels located adjacent to the at least one grayscale pixel, and selecting the component to provide most local variance of intensities.

No. of Pages : 52 No. of Claims : 24

(19) INDIA

(22) Date of filing of Application :01/04/2013

(43) Publication Date : 09/01/2015

#### (54) Title of the invention : FLASH SYNCHRONIZATION USING IMAGE SENSOR INTERFACE TIMING SIGNAL (51) International classification :H04N5/225,H04N5/235 (71)Name of Applicant : (31) Priority Document No 1)APPLE INC. :12/895093 (32) Priority Date :30/09/2010 Address of Applicant :1 Infinite Loop Mail Stop 3 PAT (33) Name of priority country Cupertino California 95014 U.S.A. :U.S.A. (86) International Application No (72)Name of Inventor : :PCT/US2011/050056 1)CT‰ Guv Filing Date :31/08/2011 (87) International Publication No :WO 2012/050677 2)FREDERIKSEN Jeffrey E. (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

Certain aspects of this disclosure relate to an image signal processing system 32 that includes a flash controller 550 that is configured to activate a flash device prior to the start of a target image frame by using a sensor timing signal. In one embodiment the flash controller 550 receives a delayed sensor timing signal and determines a flash activation start time by using the delayed sensor timing signal to identify a time corresponding to the end of the previous frame increasing that time by a vertical blanking time and then subtracting a first offset to compensate for delay between the sensor timing signal and the delayed sensor timing signal. Then the flash controller 550 subtracts a second offset to determine the flash activation time thus ensuring that the flash is activated prior to receiving the first pixel of the target frame.

No. of Pages : 339 No. of Claims : 27

(22) Date of filing of Application :01/07/2013

(43) Publication Date : 09/01/2015

## (54) Title of the invention : PROCESS FOR THE PREPARATION OF (S) -4-[(3-CHLORO-4-METHOXYBENZYL)AMINO]-2-[2-(HYDROXYMETHYL)-1-PYRROLIDINYL]-N-(2-PYRIMIDINYLMETHY1)-5-PYRIMIDINECARBOXAMIDE

(51) International classification	:C07D239/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)MSN LABORATORIES PRIVATE LIMITED
(32) Priority Date	:NA	Address of Applicant :FACTORY: SY.NO.317 & 323,
(33) Name of priority country	:NA	RUDRARAM (VIL), PATANCHERU (MDL), MEDAK (DIST) -
(86) International Application No	:NA	502 329 Andhra Pradesh India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)SRINIVASAN THIRUMALAI RAJAN
(61) Patent of Addition to Application Number	:NA	2)SAJJA ESWARAIAH
Filing Date	:NA	3)KOMATI SATYANARAYANA
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention provides an improved process for the preparation of (S)-4-[(3-chloro-4-methoxybenzyl)amino]-2-[2-(hydroxymethyl)-l-pyrrolidinyl]-N-(2-pyrimidinyl methyl)-5-pyrimidine carboxamide which is represented by the following structural formula-1. Formula-1

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

(22) Date of filing of Application :01/07/2013

(43) Publication Date : 09/01/2015

## (54) Title of the invention : A METHOD OF FLOW PATTERN AND VELOCITY MEASUREMENT IN A PHYSICAL HYDRAULIC MODEL USING IMAGE ACQUIRING AND PROCESSING SYSTEM

(51) International classification	:G01S	(71)Name of Applicant :
(31) Priority Document No	:NA	1)M. SELVABALAN
(32) Priority Date	:NA	Address of Applicant : PLOT NO.31, SILAPATHIKARAM
(33) Name of priority country	:NA	STREET, THENDRAL NAGAR, KAMARAJAPURAM,
(86) International Application No	:NA	ANAKAPUTHUR POST, CHENNAI - 600 070 Tamil Nadu India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)M. SELVABALAN
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

This invention deals with an innovative method of measuring the velocity of the water flow and determination of the water flow pattern using various image processing methodologies. Existing hardware based technologies give the velocity accurately but are cost ineffective and fail in the flow pattern determination while existing image processing technologies are hazardous and very much expensive. This invention states the methodology, for finding out water velocity and plotting the flow patterns, using fluid as a tracer, which eliminates the drawbacks of the existing technologies.

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

(22) Date of filing of Application :04/07/2013

(43) Publication Date : 09/01/2015

#### (54) Title of the invention : CONFIGURABLE MEMORY FOR HIGH SPEED AND ULTRA LOW POWER

(51) International classification		(71)Name of Applicant :
(31) Priority Document No	:NA	1)CYPRESS SEMICONDUCTOR CORPORATION
(32) Priority Date	:NA	Address of Applicant :198 CHAMPION CT. SAN JOSE, CA
(33) Name of priority country	:NA	95134 U.S.A.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)BADRINARAYANAN KOTHANDARAMAN
(87) International Publication No	: NA	2)SUNIL THAMARAN
(61) Patent of Addition to Application Number	:NA	3)BINOY J. MALIAKAL
Filing Date	:NA	4)RAVINDRA M. KAPRE
(62) Divisional to Application Number	:NA	5)ARUN KHAMESRA
Filing Date	:NA	

(57) Abstract :

Embodiments of this present invention provide a method including operating an asynchronous memory in a high-speed memory access mode when the asynchronous memory is in a first state. Further, the method may include operating the asynchronous memory in a low-power standby mode when the asynchronous memory is in a second state.

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

#### (19) INDIA

(22) Date of filing of Application :04/07/2013

(43) Publication Date : 09/01/2015

### (54) Title of the invention : ACTIVE ESD CLAMP ARCHITECTURE TO REDUCE THE ISB 50X

(57) Abstract :

Present invention provides a back-biased ESD clamp including a first transistor, and a diode. The first transistor configured to have its gate coupled to a first voltage source and its source coupled to a second transistor at its drain and to a first signal line coupled to an ESD clamp circuit. Further, the diode configured to have its anode coupled to a first transistor source and its cathode to ground and to a second signal line coupled to the ESD clamp circuit, wherein, the diode is configured to back bias the source of the second transistor to reduce leakage.

No. of Pages : 12 No. of Claims : 1

(21) Application No.10908/CHENP/2012 A

(19) INDIA(22) Date of filing of Application :31/12/2012

(43) Publication Date : 09/01/2015

#### (54) Title of the invention : LAURIC ACID DISTILLATE FOR ANIMAL FEED :A23K1/16,A23K1/18 (71)Name of Applicant : (51) International classification (31) Priority Document No 1)ELI LILLY AND COMPANY :61/372,261 (32) Priority Date :10/08/2010 Address of Applicant : Lilly Corporate Center Indianapolis (33) Name of priority country Indiana 46285 United States of America :U.S.A. (86) International Application No :PCT/US2011/045814 2)CAN TECHNOLOGIES INC. Filing Date (72)Name of Inventor : :29/07/2011 (87) International Publication No :WO/2012/021306 1)APPLEBY William Guy Coxon (61) Patent of Addition to Application 2)COOK David A :NA 3)FRIESEN Kim Gene Number :NA Filing Date 4)PASCOE David A (62) Divisional to Application Number :NA 5)THIEDE Michael C Filing Date :NA

#### (57) Abstract :

Provided are novel methods and formulations for enhancing feed efficiency and reducing mortality in food animals.

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

(19) INDIA

(22) Date of filing of Application :18/06/2013

(43) Publication Date : 09/01/2015

#### (54) Title of the invention : FIDAXOMICIN POLYMORPHS AND PROCESSES FOR THEIR PREPARATION

(51) International classification:C07(31) Priority Document No:NA(32) Priority Date:NA(33) Name of priority country:NA(86) International Application No:NAFiling Date:NA(87) International Publication No: NA(61) Patent of Addition to Application Number:NAFiling Date:NA(62) Divisional to Application Number:NAFiling Date:NA(62) Divisional to Application Number:NAFiling Date:NA(63) Date:NA(64) Patent of Addition Number:NA(65) Divisional to Application Number:NAFiling Date:NAFiling Date:NAFiling Date:NAFiling Date:NAFiling Date:NA	Address of Applicant :8-2-337, Road No. 3, Banjara Hills, Hyderabad, Andhra Pradesh, India (72)Name of Inventor : 1)Ramanaiah Chennuru 2)Rajesham Boge 3)Bishram Singh Chouhan 4)Peddy Vishweshwar
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(57) Abstract :

Aspects of the present application relate to crystalline forms of fidaxomicin and processes for their preparation. In aspects, the application relates to the preparation of crystalline Forms and amorphous fidaxomicin. Further aspects relate to pharmaceutical compositions comprising these polymorphic forms of fidaxomicin.

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

(21) Application No.2743/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :09/04/2013

(43) Publication Date : 09/01/2015

(51) International classification	:B01J31/00	(71)Name of Applicant :
(31) Priority Document No	:61/382860	1)NOVOMER INC.
(32) Priority Date	:14/09/2010	Address of Applicant :950 Danby Road Suite 198 Ithaca NY
(33) Name of priority country	:U.S.A.	14850 U.S.A.
(86) International Application No	:PCT/US2011/051639	(72)Name of Inventor :
Filing Date	:14/09/2011	1)FARMER Jay J.
(87) International Publication No	:WO 2012/037282	
(61) Patent of Addition to Application Number	:NA :NA	
Filing Date		
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (54) Title of the invention : CATALYSTS AND METHODS FOR POLYMER SYNTHESIS

(57) Abstract :

The present invention provides bimetallic complexes having increased activity in the copolymerization of carbon dioxide and epoxides. Also provided are methods of using such metal complexes in the synthesis of polymers. According to one aspect the present invention provides metal complexes comprising an activating species with co catalytic activity tethered to a multidentate ligand that is coordinated to one or more active metal centers of the complex.

No. of Pages : 173 No. of Claims : 136

(22) Date of filing of Application :25/06/2013

(43) Publication Date : 09/01/2015

### (54) Title of the invention : METHOD FOR HARDWARE IMPLEMENTATION OF RANDOM PERTURBATION ALGORITHM

(51) International classification	:H04B	(71)Name of Applicant :
(31) Priority Document No	:NA	1)Nitte Meenakshi Institute of Technology
(32) Priority Date	:NA	Address of Applicant :Nitte Meenakshi Institute of
(33) Name of priority country	:NA	Technology, Dept of Electronics and communication Engineering,
(86) International Application No	:NA	P.B No 6429, Govindapura, Gollahalli, Yelahanka, Bangalore
Filing Date	:NA	Karnataka India
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)Dr. S. L. Pinjare
Filing Date	:NA	2)Ms. Veda Sandeep Nagaraja
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention discloses a method for gate level implementation of a random perturbation algorithm. The method is implemented in conjunction with an Artificial Neural Network (ANN). The artificial neural network comprises a Multiplying Digital to Analog Converter and a Synapse. The method comprises the steps of implementing a comparator block, a combinational block and a perturbation block on a base platform. The comparator block comprises of an operational amplifier (op-amp) circuit. The combinational block is an implementation of two min-term expressions. The min-term expressions trigger a circuit connected to it on the basis of the combinational values of the comparator block and the sign bit of a weight. The perturbation block comprises of an incrementer circuit and a decrementer circuit. The method further compares the output of the synapse with the set optimum voltage value in the comparator block, generating a result and passing the result of the compared value to combinational block which is further processed by the perturbation block, thus modifying the weights and training the neural network.

No. of Pages : 34 No. of Claims : 10

(19) INDIA

(22) Date of filing of Application :05/07/2013

(43) Publication Date : 09/01/2015

#### (54) Title of the invention : AN INTERACTIVE BOOKING METHOD AND SYSTEM IN A RESTAURANT

(51) International classification	·G06F	(71)Name of Applicant :
(31) Priority Document No	:NA	1)Ashok Yaraganal Sitaram
(32) Priority Date	:NA	Address of Applicant :233, West of Chord Road, 2nd Stage,
(33) Name of priority country	:NA	12th A Cross, 1st A Main, Rajajinagar, Bangalore 560086
(86) International Application No	:NA	Karnataka India
Filing Date	:NA	2)Dipthi Ashok
(87) International Publication No	: NA	3)Roshan Salian
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor :
Filing Date	:NA	1)Ashok Yaraganal Sitaram
(62) Divisional to Application Number	:NA	2)Dipthi Ashok
Filing Date	:NA	3)Roshan Salian

(57) Abstract :

The present invention relates to a method and system for processing a reservation request from at least one user. In one embodiment, this is accomplished by receiving at least one request to reserve a service that is provided by a restaurant, where the received request is for dine-in service at a table in the restaurant, providing a plurality of attributes including a layout representation of the tables in the restaurant, allowing the user to select one or more attributes and at least one table of user preference in the presented layout and generating an interactive view of the restaurant upon selection of the table, where the interactive view provides an overall view of the restaurant with respect to the table selected by the user.

No. of Pages : 25 No. of Claims : 11

(19) INDIA

(22) Date of filing of Application :05/07/2013

(43) Publication Date : 09/01/2015

#### (54) Title of the invention : SMART ACTIVITY MONITORING SYSTEM (51) International classification :H04L (71)Name of Applicant : (31) Priority Document No 1)Stellapps Technologies Private Limited :NA (32) Priority Date Address of Applicant :#645, 1st Floor, 1st Cross, 1st Main. :NA (33) Name of priority country Indiranagar 1st Stage, Off 100 feet Road, Near Binnamangala :NA (86) International Application No Bangalore 5600 38 Karnataka India :NA (72)Name of Inventor : Filing Date :NA (87) International Publication No : NA 1)Mukundan Ranjith (61) Patent of Addition to Application Number :NA 2)Adukuri Ramakrishna Filing Date :NA 3)Nale Praveen (62) Divisional to Application Number :NA 4)Seshasayee Venkatesh Filing Date 5)Shiroor Ravishankar G :NA

(57) Abstract :

The present invention provides a smart activity monitoring system (100) for monitoring livestock (A) in a farm. The system (100) comprises at least one smart activity monitoring (SAM) device (101), at least one SAM controller (102), farm gateway (103), remote intelligence system (105) and at least one user equipment (106). The SAM device (101) monitors livestock activities (A) and generates livestock characteristic data which is collected by the SAM controller (102) and sent to the farm gateway (103). The farm gateway (103) forwards the data to remote intelligence system (105) via network (104). A software application installed in remote intelligence system (105) analyzes the data to determine a current condition of the livestock (A) and notify at least one user equipment (106) about the condition. The application is capable of configuring the SAM device (101) based on the condition or a manual instruction received from the user equipment (106).

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

### (22) Date of filing of Application :19/06/2013

#### (43) Publication Date : 09/01/2015

# (54) Title of the invention : RUBBER CEMENT WITH SUPERCONDUCTIVE BLACK FOR ELECTRICAL CONDUCTIVITY OF PNEUMATIC TYRE

:C08L2555/00 :NA :NA :NA :NA :NA : NA :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)CEAT LIMITED Address of Applicant :RPG HOUSE, 463, DR. ANNIE </li> <li>BESANT ROAD, WORLI, MUMBAI 400 030 Maharashtra India</li> <li>(72)Name of Inventor : 1)BISWARANJAN DASH </li> <li>2)SUJITH S. NAIR 3)UNNIKRISHNAN. G</li></ul>
:NA :NA	
	:NA :NA :NA :NA :NA :NA :NA :NA

(57) Abstract :

The present invention relates to a rubber compound mixture composition comprising (a) 100 parts by weight of natural rubber or synthetic rubber (b) 5-15 parts by weight of super conductive black per 100 parts by weight of said rubber, (c) 16-20 parts by weight of auxiliary agent per 100 parts by weight of said rubber.

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

#### (19) INDIA

(22) Date of filing of Application :23/03/2012

(43) Publication Date : 09/01/2015

#### (54) Title of the invention : METHOD FOR TRANSMITTING A SOUNDING REFERENCE SIGNAL IN A WIRELESS COMMUNICATION SYSTEM, AND APPARTUS FOR SAME

(51) International classification	:H04W 48/12	(71)Name of Applicant :
(31) Priority Document No	:61/244,424	1)LG ELECTRONICS INC.
(32) Priority Date	:21/09/2009	Address of Applicant :20 YEOUIDO-DONG,
(33) Name of priority country	:U.S.A.	YEONGDEUNGPO-GU, SEOUL 150-721 Republic of Korea
(86) International Application No	:PCT/KR2010/006475	(72)Name of Inventor :
Filing Date	:20/09/2010	1)NOH, MIN SEOK
(87) International Publication No	:WO 2011/034400 A3	2)CHUNG, JAE HOON
(61) Patent of Addition to Application	:NA	3)MOON, SUNG HO
Number		4)HAN, SEUNG HEE
Filing Date	:NA	5)LEE, MOON II
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract :

The present invention relates to a method in which user equipment transmits a non-periodic sounding reference signal in a wireless communication system. In detail, the method comprises: a step of receiving a downlink control channel from a base station; a step of decoding a downlink control information (DCI) format contained in the downlink control channel; a step of checking a non-periodic sounding reference signal transmission instruction in the DCI format; and a step of transmitting a non-periodic sounding reference signal to the base station in accordance with the transmission instruction. Preferably, if the downlink control channel is received via an n subframe, the non-periodic sounding reference signal is transmitted via an (n+k)TH subframe (where k>4).

No. of Pages : 43 No. of Claims : 10

(21) Application No.2721/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :24/06/2013

(43) Publication Date : 09/01/2015

# (54) Title of the invention : SYSTEMS AND METHODS FOR SUPPLIER SELECTION USING ROBUST OPTIMIZATION

(51) International classification	:G06F17/30,G06F17/60	(71)Name of Applicant :
(31) Priority Document No	:NA	1)INFOSYS LIMITED
(32) Priority Date	:NA	Address of Applicant : IP CELL, PLOT NO.44,
(33) Name of priority country	:NA	ELECTRONIC CITY, HOSUR ROAD, BANGALORE - 560 100
(86) International Application No	:NA	Karnataka India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)DR. SHEELA SIDDAPPA
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract :

The technique relates to a system and method for handling uncertainty in supplier selection using robust optimization. The technique involves receiving the historical data of one or more suppliers with respect to a plurality of factors from a database for selecting at least one of the one or more suppliers. After receiving the historical data a convex hull is generated for each of the one or more suppliers to determine a relationship between the pluralities of factors. Then adding equations which are more related to uncertainty values associated with at least one of the plurality of factors in the convex hull for each of the one or more suppliers. Thereafter, using robust optimization method to determine an optimal performance level of each of the one or more suppliers with respect to the plurality of factors based on the fetched uncertainty value. Finally, selecting the suppliers based on the optimal performance level.

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

(22) Date of filing of Application :25/06/2013

(43) Publication Date : 09/01/2015

(54) Title of the invention : INTELLIGENT MCB WITH A RELEASABLY INTEGRABLE MODULE FOR OVER-LOAD PROTECTION

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> </ul>	:NA :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)SCHNEIDER ELECTRIC INDUSTRIES SAS Address of Applicant :35, RUE JOSEPH MONIER, F-92500 RUEIL MALMAISON France</li> <li>(72)Name of Inventor :</li> <li>1)SUDEEP GAURKAR</li> </ul>
<ul> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	: NA :NA :NA :NA :NA	2)ANILESH KADUTHANUM

(57) Abstract :

The present invention discloses an intelligent MCB with a releasably integrable module for over-load protection. The MCB includes a first module having an isolator switch for providing short circuit protection to a load and a second module for providing overload protection to the load wherein the second module includes an electronic trip unit for providing close range protection to loads of rating between 0.5 to 63 Amp. The second module includes a curve selector knob for selecting the desired curve of operation, current selector knobs for selecting the desired rated current based on the nature of the load and output indications for indicating the short circuit, overload and communication mode.

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

(19) INDIA

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

#### (43) Publication Date : 09/01/2015

#### (54) Title of the invention : CYCLIC AMINE SUBSTITUTED OXAZOLIDINONE CETP INHIBITOR

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number <ul> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application Number <ul> <li>Filing Date</li> </ul> </li> </ul>	:A01N43/76,A61K31/42 :61/408308 :29/10/2010 :U.S.A. :PCT/US2011/057584 :25/10/2011 :WO 2012/058187 :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant : <ol> <li>MERCK SHARP &amp; DOHME CORP.</li> <li>Address of Applicant :126 East Lincoln Avenue Rahway New</li> </ol> </li> <li>Jersey 07065 0907 U.S.A.</li> <li>(72)Name of Inventor : <ol> <li>LU Zhijian</li> <li>CHEN Yi Heng</li> <li>SMITH Cameron</li> <li>LI Hong</li> <li>THOMPSON Christopher F.</li> <li>SWEIS Ramzi</li> <li>SINCLAIR Peter</li> <li>KALLASHI Florida</li> <li>HUNT Julianne</li> <li>ADAMSON Samantha E.</li> <li>DONG Guizhen</li> <li>ONDEYKA Debra L.</li> <li>QIAN Xiaoxia</li> <li>SUN Wanying</li> <li>VACHAL Petr</li> <li>ZHAO Kake</li> </ol> </li> </ul>
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(57) Abstract :

Compounds having the structure of Formula I including pharmaceutically acceptable salts of the compounds are CETP inhibitors and are useful for raising HDL cholesterol reducing LDL cholesterol and for treating or preventing atherosclerosis. In the compound of Formula I A is a substituted phenyl group or indanyl group.Formula (I).

No. of Pages : 316 No. of Claims : 17

(21) Application No.10552/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :18/12/2012

(43) Publication Date : 09/01/2015

(51) International classification	:F16K31/126	(71)Name of Applicant :
(31) Priority Document No	:12/786,078	1)EMERSON PROCESS MANAGEMENT REGULATO
(32) Priority Date	:24/05/2010	TECHNOLOGIES INC.
(33) Name of priority country	:U.S.A.	Address of Applicant : of 310 East University Drive
(86) International Application No	:PCT/US2011/036851	McKinney TX 75070 U.S.A.
Filing Date	:17/05/2011	(72)Name of Inventor :
(87) International Publication No	:WO/2011/149718	1)VASQUEZ Ernesto
(61) Patent of Addition to Application	:NA	2)DAAKE Sheryl Lynne
Number	:NA	
Filing Date	.INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (54) Title of the invention : SPRING SEAT FOR USE WITH ACTUATORS

(57) Abstract :

A spring seat (102) for use with actuators is described herein. An example spring seat includes a body (200) having a shoulder (202) to receive and end of an actuator spring (120) a guide (204) projecting away from the shoulder towards a first surface (206) of the body wherein the guide is configured to fit within an inner diameter of the coil spring to retain the end coil spring in engagement with the shoulder and an aperture (208) in a surface (210) of the body opposite the guide wherein the aperture is configured to receive an end of an adjuster (124; 400) of the pneumatic actuator such the aperture engages the adjuster to substantially reduce timing of the body and buckling of the spring.

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

#### (19) INDIA

(22) Date of filing of Application :26/06/2013

(54) Title of the invention : DUMP BODY FOR A	MACHINE	
(51) International classification	:B60P1/16	(71)Name of Applicant :
(31) Priority Document No	:NA	1)CATERPILLAR INC.
(32) Priority Date	:NA	Address of Applicant :100 North East Adams Street, Peoria,
(33) Name of priority country	:NA	Illinois 61629, United States of America
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)YAGNESHWAR NATARAJAN
(87) International Publication No	: NA	2)THEODORE A. MOUTREY
(61) Patent of Addition to Application Number	:NA	3)BALACHANDAR KRISHNAMURTHY
Filing Date	:NA	4)DANIEL RAYMOND HETTINGER
(62) Divisional to Application Number	:NA	5)JAVIER SCHULZE ROJAS
Filing Date	:NA	

(57) Abstract :

The present disclosure provides a dump body for a machine. The dump body comprises a floor, a front wall, a pair of side walls being structured and arranged to form a material collection structure. A contoured surface being formed between at least one combination of the floor, front wall, and the pair of side walls. Further, an exhaust passage having at least a portion of wall being defined by the contoured surface is provided in the dump body, wherein the contoured surface is configured to be in fluid communication with exhaust through the exhaust passage.

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

(22) Date of filing of Application :19/04/2013

(43) Publication Date : 09/01/2015

## (54) Title of the invention : DYNAMIC IMAGE ENCODING DEVICE DYNAMIC IMAGE DECODING DEVICE DYNAMIC IMAGE ENCODING METHOD AND DYNAMIC IMAGE DECODING METHOD

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:H04N7/32 :2010221460 :30/09/2010 :Japan :PCT/JP2011/004121 :21/07/2011 :WO 2012/042719 :NA :NA :NA	<ul> <li>(71)Name of Applicant : <ol> <li>Mitsubishi Electric Corporation <ul> <li>Address of Applicant :7 3 Marunouchi 2 chome Chiyoda ku</li> </ul> </li> <li>Tokyo 1008310 Japan <ul> <li>(72)Name of Inventor : <ul> <li>I)ITANI Yusuke</li> </ul> </li> <li>2)SEKIGUCHI Shunichi</li> <li>3)SUGIMOTO Kazuo</li> </ul> </li> </ol></li></ul>
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#### (57) Abstract :

When the encoding mode corresponding to a coding block divided by a block division unit (2) is an inter encoding mode of a direct mode a motion compensation prediction unit (5) selects a motion vector appropriate for generating a prediction image from among one or more selectable motion vectors generates a prediction image by executing a motion compensation prediction process for the coding block using the motion vector and outputs index information indicating the motion vector to a variable length encoding unit (13); and the variable length encoding unit (13) performs variable length encoding of the index information.

No. of Pages : 172 No. of Claims : 17

(19) INDIA

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

(43) Publication Date : 09/01/2015

(51) International classification	:C12Q1/22	(71)Name of Applicant :
(31) Priority Document No	:61/408966	1)3M INNOVATIVE PROPERTIES COMPANY
(32) Priority Date	:01/11/2010	Address of Applicant :3M Center Post Office Box 33427 Saint
(33) Name of priority country	:U.S.A.	Paul Minnesota 55133 3427 U.S.A.
(86) International Application No	:PCT/US2011/058212	(72)Name of Inventor :
Filing Date	:28/10/2011	1)CHANDRAPATI Sailaja
(87) International Publication No	:WO 2012/061213	2)WEBB Heather M.
(61) Patent of Addition to Application	:NA	3)PEDERSON Jeffrey C.
Number	:NA	4)HALVERSON Kurt J.
Filing Date	.NA	5)ENGEL Brian J.
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(57) Alastina et i		

#### (54) Title of the invention : METHOD OF DETECTING A BIOLOGICAL ACTIVITY

(57) Abstract :

The present invention provides method of detecting a predetermined biological activity. The method includes using an aqueous mixture comprising a first indicator reagent with a first absorption spectrum and a second indicator reagent. The second indicator reagent is converted by the predetermined biological activity to a second biological derivative with a second emission spectrum. The first absorbance spectrum includes detectable absorbance in at least a portion of wavelengths present in the second emission spectrum. The first indicator reagent is received and concentrated from an aqueous liquid by a substrate facilitating the detection of the second biological derivative.

No. of Pages : 101 No. of Claims : 15

(19) INDIA

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

(43) Publication Date : 09/01/2015

#### (51) International classification :C12Q1/22 (71)Name of Applicant : (31) Priority Document No :61/409042 **1)3M INNOVATIVE PROPERTIES COMPANY** (32) Priority Date Address of Applicant :3M Center Post Office Box 33427 Saint :01/11/2010 (33) Name of priority country Paul Minnesota 55133 3427 U.S.A. :U.S.A. (86) International Application No :PCT/US2011/058262 (72)Name of Inventor : 1)PEDERSON Jeffrey C. Filing Date :28/10/2011 (87) International Publication No :WO 2012/061229 2)CHANDRAPATI Sailaja (61) Patent of Addition to Application 3)BEHUN Bryan S. :NA Number 4)ROBOLE Barry W. :NA Filing Date 5)LONGWORTH Leroy J. (62) Divisional to Application Number :NA **6)CHEN Kaileen** Filing Date :NA

(54) Title of the invention : BIOLOGICAL STERILIZATION INDICATOR SYSTEM AND METHOD

#### (57) Abstract :

A biological sterilization indicator (BI) system and method. The system can include a BI and a reading apparatus comprising a well. The BI can include a housing which can include a first portion and a second portion movable between a first unactivated position and a second activated position. The reading apparatus can detect at least one of (i) when the well is empty; (ii) when the biological sterilization indicator is positioned in the well with the second portion of the housing in the first position and (iii) when the biological sterilization indicator is positioned in the well with the second portion of the housing in the second position. The method can include detecting at least one of the above conditions which can be used to detect an activation status of the biological sterilization indicator.

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

(19) INDIA

(22) Date of filing of Application :07/01/2013

(43) Publication Date : 09/01/2015

### (54) Title of the invention : NOVEL ANTIBACTERIAL COMPOUNDS METHODS OF MAKING THEM AND USES THEREOF

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application <ul> <li>Number</li> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application Number <ul> <li>Filing Date</li> </ul> </li> </ul>	:C07C50/22 :61/363087 :09/07/2010 :U.S.A. :PCT/US2011/043028 :06/07/2011 :WO 2012/006321 :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)ALBANY MOLECULAR RESEARCH INC. Address of Applicant :26 Corporate Circle Albany NY 12203</li> <li>U.S.A.</li> <li>(72)Name of Inventor :</li> <li>1)CARR Grant J.</li> <li>2)MANNING David D.</li> <li>3)YANG Zhicai</li> <li>4)GUO Cheng</li> <li>5)MAENG Jun Ho</li> <li>6)RABENSTEIN John</li> <li>7)MICHELS Peter C.</li> <li>8)CHASE Matthew W.</li> </ul>
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(57) Abstract :

The present invention relates to novel therapeutics with antibacterial activity processes for their preparation and

pharmaceutical veterinary and nutritional compositions containing them as active ingredients. The present invention also relates to uses of the novel therapeutics for example as medicants or food additives in the treatment of bacterial infections or to aid body mass gain in a subject.

No. of Pages : 264 No. of Claims : 114

(22) Date of filing of Application :09/04/2013

#### (43) Publication Date : 09/01/2015

## (54) Title of the invention : PROMOTER FOR INTRODUCING GENE INTO LYMPHOCYTE OR BLOOD CELL AND APPLICATION THEREOF

<ul> <li>(51) International classification</li> <li>(31) Priority Document Not</li> <li>(32) Priority Date</li> <li>(33) Name of priority</li> <li>country</li> <li>(86) International</li> <li>Application No <ul> <li>Filing Date</li> <li>(87) International</li> </ul> </li> <li>Publication No</li> <li>(61) Patent of Addition to</li> <li>Application Number <ul> <li>Filing Date</li> <li>(62) Divisional to</li> <li>Application Number</li> <li>Filed on</li> </ul> </li> </ul>	:C12N15/09,A01K67/027,A61K39/00 ) :2005-261366 :08/09/2005 :Japan :PCT/JP2006/317574 :05/09/2006 :WO 2007/029712 A1 :NA :NA :1631/CHENP/2008 :01/04/2008	<ul> <li>(71)Name of Applicant :</li> <li>1)THE RESEARCH FOUNDATION FOR MICROBIAL</li> <li>DISEASES OF OSAKA UNIVERSITY <ul> <li>Address of Applicant :C/O OSAKA UNIVERSITY, 3-1,</li> <li>YAMADAOKA, SUITA-SHI, OSAKA, 5650871 Japan</li> <li>(72)Name of Inventor :</li> <li>1)TAKEMOTO, MASAYA</li> <li>2)MORI, YASUKO</li> <li>3)YAMANISHI, KOICHI</li> <li>4)FUKE, ISAO</li> <li>5)GOMI, YASUYUKI</li> <li>6)TAKAHASHI, MICHIAKI</li> </ul> </li> </ul>
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#### (57) Abstract :

It is intended to provide a promoter for inducing expression selectively and strongly in an immunocompetent cell and/or a blood cell such as a lymphocyte. In the invention, the object was achieved by finding that HHV6 MIE promoter, HHV7 MIE promoter and HHV7 U95 promoter unexpectedly induce a specific expression in an immunocompetent cell and/or a blood cell such as a T lymphocyte. By utilizing the promoters, a selective delivery of a DNA vaccine or the like can be realized.

No. of Pages : 190 No. of Claims : 22

(21) Application No.2804/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :26/06/2013

(43) Publication Date : 09/01/2015

### (54) Title of the invention : ANTI-AGING COMPOSITION AND USES THEREOF

<ul><li>(51) International</li><li>classification</li><li>(31) Priority</li></ul>	:A61K31/51,A61K31/375,A61K31/455,A61K3	<ul> <li>(71)Name of Applicant :</li> <li>1)ITC LIMITED</li> <li>Address of Applicant :ITC Limited, ITC Life Sciences &amp;</li> </ul>
Document No	:NA	Technology Centre, #3, 1st Main, Peenya Industrial Area, Phase 1,
(32) Priority Date	:NA	Bangalore 560058 Madhya Pradesh India
(33) Name of priority country	:NA	<ul><li>(72)Name of Inventor :</li><li>1)JOIS, Prashanth</li></ul>
(86) International	:NA	2)KUMARI, Deva
Application No Filing Date	:NA	3)CHANDRASEKHARAN, Lakshmanan Chittur 4)BANDYOPADHYAY, Balaji
(87) International Publication No	: NA	4)DAND I OF ADH I A I, Dalaji
(61) Patent of Addition to	NA	
Application Number	:NA :NA	
Filing Date		
(62) Divisional to		
Application	:NA	
Number	:NA	
Filing Date		
(57) Abstract ·		

(57) Abstract :

The present invention relates to a cosmetic composition comprising oleanolic acid and a salt of calcium. The cosmetic composition as disclosed herein is useful for preventing and reducing signs of skin aging.

No. of Pages : 22 No. of Claims : 11

(22) Date of filing of Application :28/06/2013

(43) Publication Date : 09/01/2015

## (54) Title of the invention : A MEDICINAL COMPOSITION OF AMARANTH EXTRACT ORIGIN HAVING ENRICHED NITRATE CONTENT AND A METHOD OF PREPARING THE SAME

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> </ul>	:NA :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)ANTONY, Benny Address of Applicant :Arjuna Natural Extracts Ltd., P.B.</li> <li>No.126, Bank Road, Aluva - 683 101, Kerala State, India</li> <li>(72)Name of Inventor :</li> <li>1)ANTONY, Benny</li> </ul>
<ul><li>(61) Patent of Addition to Application Number</li><li>Filing Date</li></ul>	:NA :NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA :NA	

(57) Abstract :

The invention discloses an extract of Amaranth, having enriched nitrate content, L-arginine, Flavonoids, saponins, alkaloids, carbohydrates, proteins, potassium, and with negligible amount of oxalic acid or oxalate content. The extract of Amaranth can be prepared from fresh or dried leaves and stem of Amaranth. It can be administered into different dosage viz. fast melt tablet, lozenge, candy, chewing gum, beverage, tablet, capsule, pill, and powder to patients. The said enriched extract of Amaranth has the capability to enhance nitric oxide concentration, nitrate level concentration, and nitrite level in blood as well as in saliva. Hence by administering it can lower blood pressure, increase physical endurance, increase swimming endurance, increase running endurance, and improve sexual performance among human beings.

No. of Pages : 103 No. of Claims : 36

(19) INDIA

(22) Date of filing of Application :01/07/2013

(43) Publication Date : 09/01/2015

(54) Title of the invention : CREATIVE ENERGY		
<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number <ul> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application Number</li> </ul>	:NA :NA :NA :NA :NA :NA :NA :NA	(71) <b>Name of Applicant :</b> 1) <b>THANGAMANI</b> Address of Applicant :NO. 36, NORTH STREET, KAVARAPPATTU, ORATHANADU T.K., THANJAUUR D.T Tamil Nadu India (72) <b>Name of Inventor :</b> 1) <b>THANGAMANI</b>
(61) Patent of Addition to Application Number Filing Date	:NA :NA	1)THANGAMANI

(57) Abstract :

An new way for the production of electricity. Mechanical Energy which have been applied in one Side, using Structural Leverage and required Leverage Distance. The Mechanical Energy and an energy got from Structural Leverage Both Energy Combined to Create extra Energy. Using the required type of Generator the extra Energy have been converted to Electrical Energy. From the electrical energy which have been created. An minimal electricity is enough to activate the Mechanical Energy. Excess Energy or Electricity which have been created will be used for other purposes. Which have been named as Creative Energy.

No. of Pages : 16 No. of Claims : 5

(19) INDIA

(22) Date of filing of Application :02/05/2013

(43) Publication Date : 09/01/2015

#### (51) International classification :B21B1/46 (71)Name of Applicant : (31) Priority Document No 1)SMS SIEMAG AG :10 2010 047 569.6 (32) Priority Date Address of Applicant :Eduard Schloemann Strae 4 40237 :07/10/2010 (33) Name of priority country D<sup>1</sup>/<sub>4</sub>sseldorf Germanv :Germany (86) International Application No (72)Name of Inventor : :PCT/EP2011/066889 1)HOVEST..DT Erich Filing Date :28/09/2011 (87) International Publication No :WO 2012/045629 2)SEIDEL J<sup>1</sup>/<sub>4</sub>rgen (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(54) Title of the invention : PROCESS AND APPARATUS FOR PRODUCING A METAL STRIP BY CASTING AND ROLLING

## (57) Abstract :

The invention relates to a process for producing a metal strip (1) by casting and rolling in which process firstly a slab (3) with a nominal slab thickness (d) is cast in a casting machine (2) by discharging metal at a nominal casting speed (v) from a mould (4) wherein the slab (3) is subjected to thickness reduction in the region of a strand guide (5) by a number of rollers wherein the temperature of the slab (3) is then controlled in a furnace (6) of a defined length wherein the slab (3) is rolled downstream of the furnace (6) in a rolling mill train (7) and wherein in particular the slab (3) is subjected to thickness reduction to a nominal deformed slab thickness or preliminary strip thickness in a roughing rolling mill (8) downstream of the casting machine (2) and upstream of the furnace (6). In order firstly to provide an adequate buffer store in the event of interruptions to rolling and secondly to ensure the smallest possible furnace length in order to be able to work optimally in continuous operation without high economical outlay the invention provides that at least one of the following measures is carried out for temporarily reducing in particular for temporarily interrupting the supply of rolling stock into the rolling mill train (7): a) the slab thickness (d) is increased downstream of the casting machine (2) by reducing the thickness reduction of the slab (3) in the region of the strand guide (5); b) the casting speed is lowered from the nominal casting speed (v) to a reduced value; c) the thickness reduction of the slab (3) in the roughing rolling mill (8) is reduced. The invention further relates to a casting and rolling installation.

No. of Pages : 21 No. of Claims : 10

## (22) Date of filing of Application :28/06/2013

### (43) Publication Date : 09/01/2015

## (54) Title of the invention : AN AUTOMATIC CENTRAL VACUUM CLEANING SYSTEM AND METHOD OPERATED BY A REMOTE CONTROL ARRANGEMENT

(51) International classification	:A47B	(71)Name of Applicant :
(31) Priority Document No	:NA	1)PUSARLA RANADHEER VENKATA GOWTHAM
(32) Priority Date	:NA	Address of Applicant :# 9-38, Venkateswararao Nagar,
(33) Name of priority country	:NA	Malkajgiri, Hyderabad - 500047. Andhra Pradesh India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)PUSARLA RANADHEER VENKATA GOWTHAM
(87) 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 automatic central vacuum cleaning system and method operated by a remote control arrangement comprising multiple ventilators for enabling an automatic accumulation of a debris integrated with a sucker and a blower, multiple cabinets provided with multiple ventilators arranged in and around an area, toxic detectors arranged in the blower for detecting toxic gases, multiple pipelines connected to the multiple ventilators for carrying the debris from the sucker, a detecting device placed in the pipelines for detecting the debris, a metal particle and a non-metal particle, a debris collection module operatively connected to the pipelines for collecting debris, an optional self-timer for preventing a manual operation of the vacuum cleaning system, an alarming device for indicating a completion of an operation and a central control module adapted for controlling the operation.

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

(19) INDIA

(22) Date of filing of Application :01/07/2013

(43) Publication Date : 09/01/2015

## (54) Title of the invention : A DOING MODULE FOR DOSING A REDUCING AGENT INTO AN EXHAUST PATH

(51) International classification	·F01N3/10	(71)Name of Applicant :
(31) Priority Document No	:NA	1)ROBERT BOSCH ENGINEERING AND BUSINESS
(32) Priority Date	:NA	SOLUTIONS LIMITED
(33) Name of priority country	:NA	Address of Applicant :123, INDUSTRIAL LAYOUT,
(86) International Application No	:NA	HOSUR ROAD, KORMANGALA, BANGALORE - 560 095
Filing Date	:NA	Karnataka India
(87) International Publication No	: NA	2)ROBERT BOSCH GMBH
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor :
Filing Date	:NA	1)KANAGARAJ THANGAVELU
(62) Divisional to Application Number	:NA	2)SIVAKUMAR K
Filing Date	:NA	3)THANGAM SAKTHIVEL

(57) Abstract :

A dosing module for dosing a reducing agent into an exhaust path is disclosed. The dosing module includes a housing adapted to be located in an exhaust path. The dosing module also includes a flap in hinge connection with the housing. The flap is adapted to swing between an open position and a closed position. The open position is invoked when the reducing agent strikes the flap and the closed position is invoked when exhaust gases strike the flap.

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

## (19) INDIA

(22) Date of filing of Application :04/07/2013

### (43) Publication Date : 09/01/2015

## (54) Title of the invention : ROAD SURFACE PREDICTOR FOR ACCIDENT AVERSION OF TWO WHEELERS

		(71)Name of Applicant :
(51) International classification	:G01C21/00	
(31) Priority Document No	:NA	Address of Applicant :7/62, RAMAMOORTHY COLONY,
(32) Priority Date	:NA	SECOND CROSS STREET, JAWAHAR NAGAR POST,
(33) Name of priority country	:NA	CHENNAI - 600082 Tamil Nadu India
(86) International Application No	:NA	2)R.S.GIREESH
Filing Date	:NA	3)M.GNANAPRAKASH
(87) International Publication No	: NA	4)S. DEEPA
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor :
Filing Date	:NA	1)G. DIWAKAR
(62) Divisional to Application Number	:NA	2)R.S.GIREESH
Filing Date	:NA	3)M.GNANAPRAKASH
C C		4)S. DEEPA

### (57) Abstract :

A device that is used to predict the surface of the road and its topography. The main objective of our invention is to avert accidents that happen during the rainy days or during early morning or late evening. During these periods the visibility of the road is poor leading to accidents. This is primarily due to the misconception of the road topography. In rainy days the water level would be uniform and the biker would not know if there was a pit or bump ahead of him. Here we propose image processing techniques to generate a preview of the road ahead. The biker could not spend all his time during driving for observing the mapped road. Hence we also propose an audio alarming system which could give out an alarm when a dangerous road bump or pit is encountered. This could serve as a preventive indication by the bikers to drive ahead with an added sense of safety. It consists of sensing element fitted on the front end of the bike [3], processing and displaying circuitry near the Instruments and Indicators [2] panel of the bike. Audio alarm is also mounted near the Indicator section of the bike.

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

(19) INDIA

(22) Date of filing of Application :04/07/2013

(43) Publication Date : 09/01/2015

## (54) Title of the invention : PROCESS FOR PREPARING CRYSTALLINE FORM OF LINEZOLID

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> </ul>	:NA :NA :NA :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)OPTIMUS DRUGS PVT LTD Address of Applicant :1-2-11/1, ABOVE SBI BANK, STREET NO. 2, KAKATIYA NAGAR, HABSIGUDA, HYDERABAD - 500 007 Andhra Pradesh India (72)Name of Inventor : 1)SRINIVAS REEDDY DESI RDDY 2)DNYANDEV RAGHO RANE 3)SRINIVASA BAO VELIVELA</li></ul>
Filing Date	:NA	3)SRINIVASA RAO VELIVELA
(62) Divisional to Application Number	:NA	4)PEKETI SUBAREDDY
Filing Date	:NA	

(57) Abstract :

The present invention provides a simple, environmental friendly process for the preparation of crystalline form of Linezolid. The present invention also provides pure crystalline form of Linezolid in good yield.

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

(19) INDIA

(22) Date of filing of Application :02/05/2013

(43) Publication Date : 09/01/2015

## (54) Title of the invention : OPTIMIZED METHOD FOR ANTIBODY CAPTURING BY MIXED MODE CHROMATOGRAPHY

(51) International classification:C07K16/06,0(31) Priority Document No:10190192.4(32) Priority Date:05/11/2010(33) Name of priority country:EPO(86) International Application No:PCT/EP2011Filing Date:02/11/2011(87) International Publication No:WO 2012/05(61) Patent of Addition to Application:NANumber:Ining DateFiling Date:NA(62) Divisional to Application Number:NAFiling Date:NA	Address of Applicant :Grenzacher Strasse 124 CH 4070 Basel Switzerland (72)Name of Inventor : 1)FALKENSTEIN Roberto
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(57) Abstract :

Herein is reported a method for the purification of an antibody directly captured from clarified cell culture supernatants using Streamline CST and/or Capto MMC wherein especially product related (aggregates and fragments) and process related impurities (host cell protein media components) could efficiently be removed resulting in a preparation with a purity comparable to classical protein A affinity chromatography.

No. of Pages : 25 No. of Claims : 11

(19) INDIA

(22) Date of filing of Application :07/02/2013

(43) Publication Date : 09/01/2015

## (54) Title of the invention : SYNERGISTIC FUNGICIDAL COMPOSITION

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:A61K31/535 :NA :NA :NA :PCT/IL2010/000701 :26/08/2010 :WO 2012/025912 :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)MAKHTESHIM CHEMICAL WORKS LTD. Address of Applicant :PO Box 60 84100 Beer Sheva Israel</li> <li>(72)Name of Inventor :</li> <li>1)SHEFFER Noam</li> <li>2)CAMUS Daniel</li> </ul>
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(57) Abstract :

The present invention relates to a composition comprising a combination of a morpholine fungicide; a phthalimide fungicide; and a phosphorus containing fungicide wherein the composition has a synergistically enhanced activity.

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

## (19) INDIA

(22) Date of filing of Application :24/06/2013

(54) Title of the invention : APURBASHILA WATER COOLER

(43) Publication Date : 09/01/2015

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number <ul> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application Number <ul> <li>Filing Date</li> </ul> </li> </ul>	:F02M25/00 :NA :NA :NA :NA :NA :NA :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)SUBHRO JYOTI ROY <ul> <li>Address of Applicant :PH.D. RESEARCH SCHOLAR,</li> <li>DEPARTMENT OF BIOCHEMISTRY AND</li> <li>BIOTECHNOLOGY, ANNAMALAI UNIVERSITY,</li> <li>CHIDAMBARAM, ANNAMALAI NAGAR 608 002 Tamil Nadu</li> <li>India</li> </ul> </li> <li>2)ABHRO JYOTI ROY <ul> <li>(72)Name of Inventor :</li> <li>1)SUBHRO JYOTI ROY</li> <li>2)ABHRO JYOTI ROY</li> <li>3)G.S. JAGADEESH</li> <li>4)S. SARAVANAN</li> <li>5)A. RATHINAM</li> </ul> </li> </ul>
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(57) Abstract :

The invention Apurbashila water cooler relates to producing a device that can provide cold water to any person in any place at any time without the requirement of electricity. It can be portable, easy to use, affordable (because it is cheap priced), environment friendly. It does not require electricity for cooling so no additional expenditure is required for water cooling. Its outlook can also be made very attractive so that it can be used by fashionable people also. It contains an outer container for good look which protects the inner container whose main purpose is to cool the water present within it.

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

(19) INDIA

(22) Date of filing of Application :25/06/2013

(43) Publication Date : 09/01/2015

## (54) Title of the invention : LIQUID BASED COLOR DISAPPEARING STATIONARY GLUE

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> </ul>	:B41L1/00 :NA :NA :NA :NA :NA :NA : NA	<ul> <li>(71)Name of Applicant :</li> <li>1)3M INNOVATIVE PROPERTIES COMPANY Address of Applicant :3M CENTER, POST OFFICE BOX 33427, SAINT PAUL, MINNESOTA 55133-3427 U.S.A.</li> <li>(72)Name of Inventor :</li> <li>1)AWASTHI, ARUN KUMAR</li> </ul>
<ul> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:NA :NA :NA :NA	

(57) Abstract :

The present application relates to a liquid glue composition color of which disappears upon application. The composition of the present invention comprises of a polymer sticking agent, a dispersing agent, and a color developing agent.

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

(19) INDIA

(22) Date of filing of Application :28/06/2013

(43) Publication Date : 09/01/2015

#### (54) Title of the invention : METHOD FOR FORMING THERMOPLASTIC COMPOSITES (51) International classification :B32B (71)Name of Applicant : (31) Priority Document No 1)CHAEI HSIN ENTERPRISE CO., LTD. :NA (32) Priority Date Address of Applicant :NO. 208-22, CHUNG-CHING, RD., :NA (33) Name of priority country SITUN DISTRICT, TAICHUNG CITY, 407 Taiwan :NA (86) International Application No (72)Name of Inventor : :NA 1)WANG, SHUI MU Filing Date :NA (87) International Publication No : NA (61) Patent of Addition to Application Number :NA Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

A method for forming thermoplastic composites comprising: (a) cutting a thermoplastic film and a cloth material, wherein the thermoplastic film is comprised of a surface layer and an adhesive layer, and a melting point of the surface layer is higher than the adhesive layer; (b) placing the thermoplastic film on a platform of a molding machine, facing the adhesive layer upwardly, and covering the cloth material on the thermoplastic film, wherein the platform includes a plurality of channels defined therein, a plurality of concave and convex patterns arranged on a top surface thereof, and plural pores evenly formed on the top surface thereof and communicating with the plurality of channels; (c) heating the thermoplastic film by using a heating unit so as to melt the adhesive layer and to soften the surface layer.

No. of Pages : 20 No. of Claims : 18

(22) Date of filing of Application :02/07/2013

(43) Publication Date : 09/01/2015

(54) Title of the invention : DYNAMIC START-UP CIRCUIT FOR HYSTERETIC LOOP SWITCHED-CAPACITOR VOLTAGE REGULATOR

(51) International classification (31) Priority Document No	:H02M3/07,H02M3/158,H02J7/00 :NA	(71)Name of Applicant : 1)LSI CORPORATION
(32) Priority Date	:NA	Address of Applicant :1320 Ridder Park Drive, San Jose, CA,
(33) Name of priority country	:NA	95131, United States of America
<ul> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> </ul>	:NA :NA : NA :NA	<ul> <li>(72)Name of Inventor :</li> <li>1)NAVEEN K.V.M. CANNANKURICHI</li> <li>2)ANKUJ KESHWANI</li> <li>3)RICKY F. BITTING</li> <li>4)SAUMEN MONDAL</li> </ul>
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A startup circuit for use with a SCVR circuit includes a comparator operative to generate a first control signal as a function of a comparison between an output voltage generated by the SCVR circuit and a reference voltage, the first control signal being used to disable the startup circuit. The startup circuit further includes a reference generator and a controller. The reference generator is coupled with the comparator and operative to generate at least first, second and third voltages, the second voltage being greater than the first voltage, and the third voltage being greater than the second voltage. The controller is coupled with the reference generator and operative to dynamically select a given one of the first and third voltages as the reference voltage supplied to the comparator as a function of the first control signal.

No. of Pages : 39 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :02/05/2013

### (43) Publication Date : 09/01/2015

(54) Title of the invention : WIRELESS CHARGING DEVICE		
<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> </ul>	:H04B5/00,H02J17/00,H02J7/00 :61/409047 :01/11/2010 :U.S.A.	<ul> <li>(71)Name of Applicant :</li> <li>1)QUALCOMM INCORPORATED Address of Applicant :5775 Morehouse Drive San Diego CA 92121 U.S.A.</li> </ul>
<ul> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> </ul>	p:PCT/US2011/058392 :28/10/2011	(72)Name of Inventor : 1)CAROBOLANTE Francesco
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Exemplary embodiments are directed to wirelessly charging a chargeable device. A device may include a receiver configured to receive a stored power status from an embeddable chargeable device. The device may further include a transmitter configured to wirelessly transmit power to charge the embeddable chargeable device based on the stored power status.

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

### (19) INDIA

(22) Date of filing of Application :18/06/2013

(43) Publication Date : 09/01/2015

#### (54) Title of the invention : SUBSTITUTED 4-HYDRAZINOTHIAZOLES AND PROCESSES FOR THEIR PREPARATION (51) International classification :A61K (71)Name of Applicant : (31) Priority Document No **1)DEPARTMENT OF SPACE** :NA (32) Priority Date Address of Applicant : ANTARIKSH BHAVAN, NEW BEL :NA (33) Name of priority country ROAD, BANGALORE - 560 094 Karnataka India :NA (86) International Application No (72)Name of Inventor : :NA Filing Date 1)DR. KUMARAN GIRIJA SREEJALEKSHMI :NA (87) International Publication No : NA **2)SARAH TITUS** (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 4-hydrazinothiazole derivatives of Formula I or pharmaceutically acceptable salt thereof and to processes for their preparation. Formula I Wherein Rl and/ R2 are the same or different and each is substituent selected from H, alkyl, aryl, cycloalkyl, alkaryl. R3 is Ph, or substituted Ph R4 is Ph, substituted Ph, 2-naphthyl, 1-naphthyl.

No. of Pages : 28 No. of Claims : 18

(22) Date of filing of Application :27/06/2013

### (43) Publication Date : 09/01/2015

(54) Title of the invention : A SYSTEM AND METHOD FOR CONVERTING GRAVITATIONAL FORCE INTO MECHANICAL ENERGY

(51) International classification	:B60C	(71)Name of Applicant :
(31) Priority Document No	:NA	1)UMASHANKAR H
(32) Priority Date	:NA	Address of Applicant :Sri Maruthi Medical, K.No.42, Hadadi
(33) Name of priority country	:NA	577525, Davangere, Karnataka India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)UMASHANKAR H
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

In view of the foregoing, an embodiment herein discloses a system and method for facilitating conversion of reciprocating movement due to gravitational force into various mechanical energies. The system comprises of a balancing mechanism 200, tilt mechanism 300 and another balancing mechanism 400, wherein both the balancing mechanism 200 & 400 are kept at the same level from the ground and connected with each other. The water in the container 206 is allowed to pass to the one end of the tilt chamber 300 thereby the tilt chamber 300 tilts on one side. The other end of the tilt chamber 300 is connected to the balancing beam 400. The weight 405 lifts up due to the tilting of the tilt chamber 300 towards one side resulting into the reciprocating movement of the balancing beam 400. Moreover the reciprocating movement of the balancing beam 400 makes the tilt chamber 300[A] to perform continuous sea saw movement thereby the balancing beam 200 performs continuous reciprocating sea saw motion.

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

(22) Date of filing of Application :01/07/2013

(54) Title of the invention : METHOD AND SYSTEM FOR SYNCHRONISING SOCIAL PROFILES BASED ON CHANGE IN A PHONE PROFILE

(51) International classification	:H04M 1/00	(71)Name of Applicant : 1)SAMSUNG ELECTRONICS COMPANY
(31) Priority Document No	:NA	Address of Applicant :416 MAETAN-DONG,
(32) Priority Date	:NA	YEONGTONG-GU, SUWON-SI, GYEONGGI-DO 442-742
(33) Name of priority country	:NA	Republic of Korea
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)ARIHANT JAIN
(87) International Publication No	: NA	2)SHIV SHARAD DHIMAN
(61) Patent of Addition to Application Number	:NA	3)DEEPAK JAIN
Filing Date	:NA	4)VISHAL BHATNAGAR
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method and system for synchronising a plurality of social profiles based on change in a phone profile accordingly is provided. The method includes detecting a first phone profile in a mobile device. The method includes detecting applications installed in the mobile device to generate a list of applications. Further, the method includes, detecting a change in the first phone profile to a second phone profile. Furthermore, the method includes updating the plurality of social profiles based on the second phone profile.

No. of Pages : 42 No. of Claims : 13

(22) Date of filing of Application :03/07/2013

## (54) Title of the invention : GROWOUT PELLET FEED FOR SILVER POMPANO TRACHINOTUS BLOTCHII (LACEPEDE) AND A PROCESS THEREFORE TO INCORPORATE ESSENTIAL NUTRITIONAL ELEMENTS IN FISH

(57) Abstract :

This invention discloses a method of preparing a pellet feed with fatty acids for silver pompano trachinotus blotchii (lecepede) with a composition of marine meals mix with preferably 46.5% protein level and 9% fat level, cereal based mix with preferably 2.5 % fiber level, a mix of supplements with cod liver oil or fish oil, lecithin, yeast, vitamin and mineral, yielding 1.5, 3.0, 4.5, 6.5 pellet feed sizes.

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

## (22) Date of filing of Application :03/07/2013

### (43) Publication Date : 09/01/2015

## (54) Title of the invention : IMPROVEMENTS IN OR RELATING TO THE AUTOMATED COLLECTION OF BLOOD, ITS PROCESSING, COMPONENT SEPARATION AND INFUSION INTO DONOR AND RECIPIENTS

(51) International classification:CO(31) Priority Document No:NA(32) Priority Date:NA(33) Name of priority country:NA(86) International Application No:NAFiling Date:NA(87) International Publication No: NA(61) Patent of Addition to Application Number: NAFiling Date: NA(62) Divisional to Application Number: NAFiling Date: NA	<ul> <li>I)CHEMBUMKULAM SREEDHARAN BHASKARAN</li> <li>NAIR</li> <li>Address of Applicant :SREEDEVI, TEMPLE JUNCTION,</li> <li>SASTHAMANGALAM, TRIVANDRUM - 695 010 Kerala India</li> <li>2)CHANDRASEKHAR BALAGOPAL</li> <li>3)CHANDRASEKHAR PADMAKUMAR</li> <li>(72)Name of Inventor :</li> <li>1)CHEMBUMKULAM SREEDHARAN BHASKARAN</li> <li>NAIR</li> </ul>
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(57) Abstract :

This invention relates to a PVC based formulation for use effectively on making blood storage bags and blood collecting bags, where the PVC is novel being plasticized with DOTP

No. of Pages : 6 No. of Claims : 3

(19) INDIA

(22) Date of filing of Application :02/05/2013

(43) Publication Date : 09/01/2015

(54) Title of the invention : WIRELESS (	CHARGING OF DEVICE	ES
<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application <ul> <li>Number</li> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application Number</li> <li>Filing Date</li> </ul>	:H02J17/00 :61/409067 :01/11/2010 :U.S.A. :PCT/US2011/058391 :28/10/2011 :WO 2012/061246 :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)QUALCOMM INCORPORATED Address of Applicant :5775 Morehouse Drive San Diego CA 92121 U.S.A.</li> <li>(72)Name of Inventor :</li> <li>1)MUDRICK Adam A.</li> <li>2)LEE Kevin D.</li> <li>3)LOW Zhen Ning</li> </ul>

(57) Abstract :

Exemplary embodiments are directed to wireless power charging. A device may include at least one sensing element for measuring at least one parameter within a receiver configured to receive wirelessly transmitted power. The device may include a switching element configured to enable the receiver to convey energy to a load when the at least one parameter exceeds a threshold value.

No. of Pages : 32 No. of Claims : 31

(22) Date of filing of Application :07/02/2013

(43) Publication Date : 09/01/2015

## (54) Title of the invention : PHARMACEUTICAL COMPOSITIONS OF METABOTROPIC GLUTAMATE 5 RECEPTOR (MGLU5) ANTAGONISTS

(51) International classification:A61K9/20,A6(31) Priority Document No (32) Priority Date:61/372693(32) Priority Date:11/08/2010(33) Name of priority country:U.S.A.(86) International Application No Filing Date:PCT/EP2011/ :08/08/2011(87) International Publication No (61) Patent of Addition to Application Number Filing Date:WO 2012/019(62) Divisional to Filing Date:NA :NA(62) Divisional to Filing Date:NA :NA	51K9/30,A61K31/4439 S ((	<ul> <li>(71)Name of Applicant :</li> <li>1)F. HOFFMANN LA ROCHE AG Address of Applicant :Grenzacherstrasse 124 CH 4070 Basel Switzerland</li> <li>(72)Name of Inventor :</li> <li>1)CHATTERJI Ashish</li> <li>2)HUANG Jingjun</li> <li>3)KOENNINGS Stephanie</li> <li>4)LINDENSTRUTH Kai</li> <li>5)SANDHU Harpreet K.</li> <li>6)SHAH Navnit Hargovindas</li> </ul>
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## (57) Abstract :

In vitroPharmaceutical compositions of metabotropic glutamate 5 receptor (mGlu5) antagonists or a pharmacologically acceptable salt thereof are disclosed. The compositions contain the therapeutic active compound with non ionic polymer and ionic polymer binder and fillers in either matrix pellet matrix tablet or coated pellets. The compositions provide a pH independent release profile with NMT 70 % in one hour NMT 85 % in 4 hour and NLT 80 % in 8 hours. The compositions are useful for the treatment of CNS disorders such as Treatment Resistant Depression (TRD) and Fragile X Syndrome.

No. of Pages : 50 No. of Claims : 39

(22) Date of filing of Application :28/02/2012

(43) Publication Date : 09/01/2015

## (54) Title of the invention : DOSE ESCALATION ENZYME REPLACEMENT THERAPY FOR TREATING ACID SPHINGOMYELINASE DEFICIENCY

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> </ul>	:A61K38/46 :61/238,113 :28/08/2009 :U.S.A. :PCT/US2010/047057 :28/08/2010 :WO/2011/025996	<ul> <li>(71)Name of Applicant :</li> <li>1)MOUNT SINAI SCHOOL OF MEDICINE OF NEW</li> <li>YORK UNIVERSITY <ul> <li>Address of Applicant :One Gustave L. Levy Place New York</li> </ul> </li> <li>New York 10029 U.S.A.</li> <li>2)GENZYME CORPORATION</li> <li>(72)Name of Inventor :</li> </ul>
<ul> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:NA :NA :NA :NA	<ol> <li>SCHUCHMAN Edward H</li> <li>DESNICK Robert J.</li> <li>COX Gerald F.</li> <li>ANDREWS Laura P.</li> <li>MURRAY James M.</li> </ol>

(57) Abstract :

The invention relates to dose escalation enzyme replacement therapy using acid sphingomyelinase (ASM) for the treatment of human subjects having acid sphingomyelinase deficiency (ASMD) an in particular patients with non-neurological manifestations of Neimann-Pick Disease (NPD) and in certain embodiments NPD type B.

No. of Pages : 123 No. of Claims : 51

(19) INDIA

(22) Date of filing of Application :20/06/2013

(43) Publication Date : 09/01/2015

## (54) Title of the invention : OXYGEN SENSOR MOUNTING ARRANGEMENT FOR A MOTORCYCLE

(51) International classification		(71)Name of Applicant :
(31) Priority Document No	:NA	1)TVS MOTOR COMPANY LIMITED
(32) Priority Date	:NA	Address of Applicant : JAYALAKSHMI ESTATES NO.29
(33) Name of priority country	:NA	(OLD NO.8) HADDOWS ROAD, CHENNAI 600 006 Tamil
(86) International Application No	:NA	Nadu India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)NITIN KUMAR
(61) Patent of Addition to Application Number	:NA	2)BOOBALAN MANI
Filing Date	:NA	3)MALUVADU SUNDARAMAN ANANDKUMAR
(62) Divisional to Application Number	:NA	4)VAIDYANATHAN BALAJI
Filing Date	:NA	

(57) Abstract :

Provided description discloses an exhaust system for a motorcycle. This exhaust system has a double layered exhaust pipe having an inner pipe and an outer pipe fixed together maintaining a space between them. An oxygen sensor is mounted on a sensor bracket fixed in a cavity which is formed by pressing an outer pipe of the exhaust pipe such that it does not affect the diameter of an inner pipe of said exhaust pipe and space between the outer pipe and the inner pipe is filled. The sensor bracket is fixed to a mounting plate which is further fixed with the outer pipe of exhaust pipe.

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

## (19) INDIA

(22) Date of filing of Application :28/06/2013

(43) Publication Date : 09/01/2015

(54) Title of the invention : A PORTABLE SEED PLANTER AND DIGGER			
(51) International classification	:A01C5/02	(71)Name of Applicant :	
(31) Priority Document No	:NA	1)Robert Bosch Engineering and Business Solutions Limited	
(32) Priority Date	:NA	Address of Applicant :123, Industrial Layout, Hosur Road,	
(33) Name of priority country	:NA	Koramangala, Bangalore 560095, Karnataka India	
(86) International Application No	:NA	2)Robert Bosch GmbH	
Filing Date	:NA	(72)Name of Inventor :	
(87) International Publication No	: NA	1)Ashok Sivasankaran Nair	
(61) Patent of Addition to Application Number	:NA	2)Mayur Gupta	
Filing Date	:NA		
(62) Divisional to Application Number	:NA		
Filing Date	:NA		

(57) Abstract :

The device (100) for digging and seeding comprises at least one blade (101) for digging the soil which is mounted on a shaft (102). The shaft (102) is coupled to and driven by a motor (103). A housing (105) encloses the shaft (102) and the motor (103). The housing (105) includes a seed container (106) and a seeding passage (107) from the seed container (106). The seeing passage (107) opens near the blade (101) for digging. A handle (108) is fitted to the housing (105) and is provided with a means to control (109) various operations of the device for digging and seeding.

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

## (19) INDIA

(22) Date of filing of Application :03/05/2013

(43) Publication Date : 09/01/2015

## (54) Title of the invention : EPTFE FILTER FOR ASEPTIC PHARMACEUTICAL USE AND METHOD OF USING

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No</li> </ul>	:PCT/US2011/059796	<ul> <li>(71)Name of Applicant :</li> <li>1)AAF MCQUAY INC D/B/A AAF INTERNATIONAL Address of Applicant :10300 Ormsby Park Place Suite 600 Louisville Kentucky 40223 U.S.A.</li> <li>(72)Name of Inventor :</li> <li>1)OSBORNE Michael W.</li> </ul>
Filing Date	:08/11/2011	
(87) International Publication No	:WO 2012/064751	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	':NA :NA	

(57) Abstract :

A HEPA filter which utilizes spun bond scrim material and ePTFE membrane for use in an aseptic pharmaceutical filtration air handling system for installation and testing is provided. The installation and testing configuration includes the ePTFE filter with a low or ultra low concentration of challenging aerosol in the upstream side of the filter along with a scanning device for determining the upstream concentration all completed in situ within a pharmaceutical air handling system. At the downstream side of the ePTFE filter is positioned another scanner which may be a discrete particle scanner for calculating the penetration percentage of the aerosol through the filtering media of ultra low concentrations. The system and configuration allows for exposure to ePTFE filtration media for certification by low or ultra low concentrations of oil based challenging compounds.

No. of Pages : 46 No. of Claims : 12

(19) INDIA

(22) Date of filing of Application :01/03/2010

(43) Publication Date : 09/01/2015

#### (51) International classification :C07C237/26 (71)Name of Applicant : (31) Priority Document No **1)PARATEK PHARMACEUTICALS, INC** :60/948,385 (32) Priority Date Address of Applicant :75 KNEELAND STREET, BOSTON, :06/07/2007 (33) Name of priority country :U.S.A. MA 02111 U.S.A. (86) International Application No :PCT/US2008/008355 (72)Name of Inventor : **1)SEYEDI, FARZANEH** Filing Date :07/07/2008 :WO/2009/009042 (87) International Publication No 2)WARCHOL, TADEUSZ (61) Patent of Addition to Application **3)GRIER, MARK** :NA Number :NA Filing Date (62) Divisional to Application Number :646/CHENP/2010 Filed on :07/07/2008

(54) Title of the invention : METHODS FOR SYNTHESIZING SUBSTITUTED TETRACYCLINE COMPOUNDS

## (57) Abstract :

Methods for synthesizing a carboxaldehyde substituted tetracycline compound comprising reacting a tetracycline reactive intermediate under appropriate conditions with carbon monoxide, a palladium catalyst, a phosphine ligand, a silane and a base, such that said carboxaldehyde substituted tetracycline compound is synthesized. The palladium catalyst is chosen from PdC12 (tBu2PhP)2 dichlorobis (di-tert-butylphenylphosphine palladium (II)] or PdC12 (DPEPhos) [bis (diphenylphosphinophenyl) ether palladium (II) chloride]. The tetracycline reactive intermediate contains moieties selected from halogens and triflates. Methods of synthesizing a substituted tetracycline compound comprising reacting the carboxaldehyde substituted tetracycline compound under alladium catalyzed coupling conditions, hydrogenolysis conditions or reductive amination conditions.

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

(22) Date of filing of Application :01/07/2013 (43) Publ

## (43) Publication Date : 09/01/2015

## (54) Title of the invention : METHODS FOR CALCULATING RETURN ON INVESTMENT FOR A CONTACT CENTER AND DEVICES THEREOF

## (57) Abstract :

A method, non-transitory computer readable medium, and account manager device comprises obtaining a plurality of inputs associated with the contact center in response to a request to calculate the return on investment associated with the contact center, wherein the plurality of inputs includes one or more contact center historical data and one or more contact center projected data. At least a part of the obtained one or more contact center historical data is compared against the one or more contact center projected data to identify one or more improvement areas in the contact center. One or more costs to implement the identified one or more improvement areas in the contact center are determined. The return of investment associated to the contact center is determined based on the one or more determined costs. The determined return on investment associated to the contact center is provided.

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

### (19) INDIA

(22) Date of filing of Application :01/07/2013

(43) Publication Date : 09/01/2015

## (54) Title of the invention : A METHOD AND SYSTEM FOR MANAGING A VIDEO-ON-DEMAND

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> </ul>	:H04L9/00 :NA :NA :NA	(71)Name of Applicant : 1)INFOSYS LIMITED Address of Applicant :IP CELL, PLOT NO.44, ELECTRONIC CITY, HOSUR ROAD, BANGALORE - 560 100
(86) International Application No Filing Date	:NA :NA	Karnataka India (72) <b>Name of Inventor :</b>
<ul><li>(87) International Publication No</li><li>(61) Patent of Addition to Application Number Filing Date</li></ul>	: NA :NA :NA	1)GAUTAM BANDYOPADHYAY 2)SHIVAJI BAL APTE 3)PHILIP JOSEPH
(62) Divisional to Application Number Filing Date	:NA :NA :NA	S)FHILIF JUSEFH

(57) Abstract :

The present disclosure discloses a method, a system and a computer program product for secure data communication between a user device and a server. User credentials, a device id and a first hash are received at server from a user device. The first hash is generated using the user credentials. At server, a second hash is computed using the user credentials stored in the database of the server. The first has is verified with the second hash. Once verified, an encryption key and a sequence number corresponding to the user credentials and device id are generated. The encryption key and the sequence number are encrypted using a pre-defined key and one or more user credentials. The encrypted encryption key and the sequence number are sent to the user device to encrypt data.

No. of Pages : 28 No. of Claims : 36

(22) Date of filing of Application :16/05/2013

(43) Publication Date : 09/01/2015

## (54) Title of the invention : C18ORF54 PEPTIDES AND VACCINES INCLUDING THE SAME

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority</li> <li>country</li> <li>(86) International</li> <li>Application No <ul> <li>Filing Date</li> <li>(87) International Publication</li> </ul> </li> <li>No <ul> <li>(61) Patent of Addition to</li> <li>Application Number</li> <li>Filing Date</li> </ul> </li> </ul>	:C12N15/09,A61K38/00,A61K39/00 :61/405486 :21/10/2010 :U.S.A. :PCT/JP2011/005844 :19/10/2011	<ul> <li>(71)Name of Applicant :</li> <li>1)ONCOTHERAPY SCIENCE INC. Address of Applicant :2 1 Sakado 3 chome Takatsu ku Kawasaki shi Kanagawa 2130012 Japan</li> <li>(72)Name of Inventor :</li> <li>1)NAKAMURA Yusuke</li> <li>2)TSUNODA Takuya</li> <li>3)OSAWA Ryuji</li> <li>4)YOSHIMURA Sachiko</li> <li>5)WATANABE Tomohisa</li> </ul>
(62) Divisional to Application Number Filing Date	:NA :NA	

## (57) Abstract :

Peptide vaccines against cancer are described herein. In particular isolated epitope peptides or immunogenic fragments derived from SEQ ID NO: 35 that bind to an HLA antigen and induce cytotoxic T lymphocytes (CTL) are provided. The amino acid sequences of the peptide of interest may be optionally modified with the substitution deletion insertion or addition of one two or several amino acids sequences. Pharmaceutical compositions and methods of treating cancer that include such peptides are also provided.

No. of Pages : 86 No. of Claims : 21

(19) INDIA

(22) Date of filing of Application :28/06/2013

## (54) Title of the invention : A METHOD FOR RADAR SCAN CONVERSION AND DISPLAY

(51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Eiling Data	:G01S7/298,G09G5/391,G09G5/00,G09G1/14 :NA :NA :NA :NA :NA :NA :NA	(71)Name of Applicant : 1)M/S BHARAT ELECTRONIC LIMITED Address of Applicant :NAGAVARA, OUTER RING ROAD, BANGALORE - 560 045 Karnataka India (72)Name of Inventor : 1)MR. MURUGESH SHIVAKUMAR
Filing Date		
(57) Abstract ·		

(57) Abstract :

The invention is aimed to provide low cost solution to the Radar video display system by substituting high end radar display systems with a low-cost PC with open source RTOS. The present invention illustrates a method for Radar scan conversion and graphics display using a standard x86 PC and Real-Time Linux. A mechanism of range bins combined with bit vector is used for scan conversion in the present invention. The method uses the COTS standard PC, open source Real-time Linux, GTK/GNOME and is fully configurable using GUI and configuration scripts. This enables it to produce effects like target tracing, fading, zooming, afterglow and clutter removal, which are supported using selectable menus. The scan conversion module runs on real-time linux and the display module runs under Linux, which reads the FIFO and displays on the screen.

No. of Pages : 25 No. of Claims : 6

(19) INDIA

(22) Date of filing of Application :25/04/2013

(43) Publication Date : 09/01/2015

## (54) Title of the invention : HETEROARYL PIPERIDINE AND HETEROARYL PIPERAZINE DERIVATIVES AS FUNGICIDES

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(33) Name of priority country</li> <li>(86) International Application No</li> <li>Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number</li> <li>Filing Date</li> <li>(62) Divisional to Application Number</li> <li>Filing Date</li> <li>(62) Divisional to Application Number</li> <li>Filing Date</li> <li>(62) Divisional to Application Number</li> <li>Filing Date</li> <li>(63) Divisional to Application Number</li> <li>SNA</li> <li>SNA</li> </ul>	Address of Applicant :Alfred Nobel Strasse 10 40789 Monheim am Rhein Germany (72) <b>Name of Inventor :</b>
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(57) Abstract :

The invention relates to heteroaryl piperidine and heteroaryl piperazine derivatives of formula (I) in which the symbols A X Y L L G Q p R R and R have the meanings specified in the description and to salts metal complexes and N oxides of the compounds of formula (I) and to the use thereof to control plant pathogenic fungi and to methods for producing compounds of formula (I).

No. of Pages : 90 No. of Claims : 15

(22) Date of filing of Application :14/05/2013

## (54) Title of the invention : HYDROPHILIC FILM FOR METAL MATERIALS HYDROPHILIZATION TREATMENT AGENT AND HYDROPHILIZATION TREATMENT METHOD

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No</li> <li>Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> </ul>	:PCT/JP2011/073889 :18/10/2011 :WO 2012/053497 :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)NIHON PARKERIZING CO. LTD. Address of Applicant :15 1 Nihonbashi 1 chome Chuo ku Tokyo 1030027 Japan</li> <li>(72)Name of Inventor :</li> <li>1)KATAOKA Toshihisa</li> </ul>
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

[Problem] To provide a hydrophilic film that is formed on the surface of a metal material inhibits the growth of condensation water and provides mold resistance and a hydrophilization treatment agent for forming the hydrophilic film. [Solution] The aforementioned problem is solved by: a hydrophilization treatment agent containing one or more types of compounds selected from poorly water soluble cerium compounds (A); and a hydrophilic film prepared from the hydrophilization treatment agent. Preferably the poorly water soluble cerium compounds (A) are one or more compounds selected from cerium (III) carbonate cerium (III) fluoride cerium (IV) fluoride and cerium (IV) oxide. By forming the hydrophilic film on the surface of a metal material the growth of condensation water can be inhibited and mold resistance can be provided.

No. of Pages : 56 No. of Claims : 13

(21) Application No.3903/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :17/05/2013

(43) Publication Date : 09/01/2015

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application <ul> <li>Number</li> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application Number <ul> <li>Filing Date</li> </ul> </li> </ul>	:G06Q50/24,G06Q50/22 :2010262153 :25/11/2010 :Japan :PCT/JP2011/076175 :14/11/2011 :WO 2012/070418 :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)SONY CORPORATION <ul> <li>Address of Applicant :1 7 1 Konan Minato ku Tokyo 1080075</li> </ul> </li> <li>Japan <ul> <li>(72)Name of Inventor :</li> <li>1)FUKUSHI Gakuho</li> <li>2)WAKITA Yoshihiro</li> </ul> </li> </ul>
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## (54) Title of the invention : INFORMATION PROCESSING DEVICE METHOD AND PROGRAM

(57) Abstract :

The present invention relates to an information processing device an information processing method and an information processing program capable of improving convenience when a prescription or a medication notebook is made electronically available. An in hospital device (32) sends information of a prescription to a data server (91) and records the information therein after a patient has been examined. In addition the in hospital device (32) sends a dispensing reservation request to the data server (91). The dispensing reservation request includes a pharmacy ID indicating a pharmacy for which a dispensing is requested and a prescription ID. The data server (91) records dispensing reservation information containing the prescription ID and the pharmacy ID in response to the data server (91) regularly and detects whether a dispensing request has been received. If the dispensing request has been received the in pharmacy device (62) acquires the information of the prescription from the data server (91). As a result dispensing can be started in the pharmacy before the patient comes. The present invention is applicable to an information processing system.

No. of Pages : 147 No. of Claims : 35

(19) INDIA

(22) Date of filing of Application :24/06/2013

(43) Publication Date : 09/01/2015

## (54) Title of the invention : A METHOD AND SYSTEM FOR INSTANT PROCESSING OF AN SMS RELATED TO A BUSINESS

(51) International classification	:G06F17/30,G06F17/60	(71)Name of Applicant :
(31) Priority Document No	:NA	1)INFOSYS LIMITED
(32) Priority Date	:NA	Address of Applicant : IP CELL, PLOT NO.44,
(33) Name of priority country	:NA	ELECTRONIC CITY, HOSUR ROAD, BANGALORE - 560 100
(86) International Application No	:NA	Karnataka India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)MAYANK SHRIDHAR
(61) Patent of Addition to Application Number Filing Date	:NA :NA	2)SURESH PRAHILAD BHARADWAJ 3)ARUN SETHIA
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention provides method, system and computer program product for instant processing of business related operations. This invention is not restricted to any particular type of business. The system provides for means to interpret the business requirements at run time from an SMS sent by a user, and instantly get the business requirement executed and acknowledgment response sent to the user.

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

### (22) Date of filing of Application :25/06/2013

(43) Publication Date : 09/01/2015

## (54) Title of the invention : HEAT SINK PLATE, CURRENT-RECTIFYING ARRANGEMENT, AND ASSOCIATED MULTIPHASE ROTARY MACHINE

(51) International classification	:H01L23/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)VALEO INDIA PRIVATE LIMITED
(32) Priority Date	:NA	Address of Applicant :BLOCK-A, 4TH FLOOR, TECCI
(33) Name of priority country	:NA	PARK, NO. 173, RAJIV GANDHI SALAI,
(86) International Application No	:NA	SOZHANGANALLUR, CHENNAI 600 119 Tamil Nadu India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)VENUGOPAL, MUTHUKUMARAN
(61) Patent of Addition to Application Number	:NA	2)NALLASIVAM, RAMALINGAM
Filing Date	:NA	3)FAKES, MICHEL
(62) Divisional to Application Number	:NA	4)MATHIEU, REMI
Filing Date	:NA	5)LABROSSE, JEAN-CLAUDE

(57) Abstract :

The invention relates to a heat sink plate of a current-rectifying arrangement for a rotary electric machine intended to be arranged to be traversed by a cooling fluid, said heat sink plate (7) comprising two opposite edges (19, 21) and being able to carry current-rectifying elements (3) to be connected to one phase of a stator of said rotary electric machine, characterized in that one edge (19) of the heat sink plate (7) has a flange (23) with an inclined surface (25) relating the plane (P) defined by the heat sink plate (7) and arranged in order to guide the cooling fluid towards the current-rectifying elements (3). The invention also relates to corresponding current-rectifying arrangement and multiphase rotary electric machine.

No. of Pages : 24 No. of Claims : 19

(22) Date of filing of Application :25/06/2013

## (54) Title of the invention : CONNECTOR, CURRENT-RECTIFYING ARRANGEMENT, AND ASSOCIATED MULTIPHASE **ROTARY MACHINE**

(51) International classification	:h02k	(71)Name of Applicant :
(31) Priority Document No	:NA	1)VALEO INDIA PRIVATE LIMITED
(32) Priority Date	:NA	Address of Applicant :BLOCK-A, 4TH FLOOR, TECCI
(33) Name of priority country	:NA	PARK, NO. 173, RAJIV GANDHI SALAI,
(86) International Application No	:NA	SOZHANGANALLUR, CHENNAI 600 119 Tamil Nadu India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)VENUGOPAL, MUTHUKUMARAN
(61) Patent of Addition to Application Number	:NA	2)NALLASIVAM, RAMALINGAM
Filing Date	:NA	3)FAKES, MICHEL
(62) Divisional to Application Number	:NA	4)MATHIEU, REMI
Filing Date	:NA	5)LABROSSE, JEAN-CLAUDE

(57) Abstract :

The invention relates to a connector (11) of a current-rectifying arrangement for a rotary electric machine, the current-rectifying arrangement comprising current-rectifying elements, said connector (11) comprising a network of electrical conductors (13) for connecting said current-rectifying elements to the output of the stator phases, the network of electrical conductors being overmoulded by an electrical insulating material, characterized in that the electrical conductors (13) comprise round wires with first parts (45) associated to the stator phases and having a loop (51) for connection to a stator phase. The invention also relates to corresponding current-rectifying arrangement and multiphase rotary electric machine.

No. of Pages : 24 No. of Claims : 18

(22) Date of filing of Application :17/04/2013

## (54) Title of the invention : NMR SYSTEMS AND METHODS FOR THE DETECTION OF ANALYTES

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:C12Q1/68 :12/910594 :22/10/2010 :U.S.A. :PCT/US2011/056933 :19/10/2011 :WO 2012/054638 :NA :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)T2 BIOSYSTEMS INC. Address of Applicant :101 Hartwell Avenue Lexington MA</li> <li>(02421 U.S.A.</li> <li>(72)Name of Inventor : <ol> <li>LOWERY Thomas Jay</li> <li>AUDEH Mark John</li> <li>BLANCO Matthew</li> <li>CHEPIN James Franklin</li> <li>DEMAS Vasiliki</li> <li>DHANDA Rahul</li> <li>FRITZEMEIER Marilyn Lee</li> <li>KOH Isaac</li> <li>KUMAR Sonia</li> <li>NEELY Lori Anne</li> <li>MOZELESKI Brian</li> <li>PLOURDE Daniella Lynn</li> <li>RITTERSHAUS Charles William</li> <li>WELLMAN Parris</li> </ol> </li> </ul>
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(57) Abstract :

This invention features systems and methods for the detection of analytes and their use in the treatment and diagnosis of disease.

No. of Pages : 172 No. of Claims : 85

(22) Date of filing of Application :20/05/2013

(43) Publication Date : 09/01/2015

### (54) Title of the invention : PYRIDINE DERIVATIVE AND MEDICINAL AGENT

<ul> <li>(51) International classification</li> <li>(31) Priority</li> <li>Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International</li> <li>Application No <ul> <li>Filing Date</li> <li>(87) International</li> </ul> </li> <li>Publication No</li> <li>(61) Patent of Addition</li> <li>to Application Number</li> <li>Filing Date</li> <li>(62) Divisional to</li> <li>Application Number</li> <li>Filing Date</li> </ul>	:Japan :PCT/JP2011/074813 :27/10/2011 :WO 2012/057262	<ul> <li>(71)Name of Applicant :</li> <li>1)NIPPON SHINYAKU CO. LTD. Address of Applicant :14 Kisshoin Nishinosho Monguchicho Minami ku Kyoto shi Kyoto 6018550 Japan</li> <li>(72)Name of Inventor :</li> <li>1)FUJIHARA Hidetaka</li> <li>2)SUGIYAMA Hiroyuki</li> <li>3)TSUJI Takashi</li> <li>4)INO Takara</li> <li>5)HARUTA Yoshinari</li> </ul>
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### (57) Abstract :

A pyridine derivative represented by general formula [1] or a pharmaceutically acceptable salt thereof. In formula [1] R represents an aryl group or a heteroaryl group wherein each of the aryl group and the heteroaryl group may be substituted by one or two substituents independently selected from the group consisting of an optionally substituted alkyl group a hydroxy group a halogen atom and a group represented by general formula [2]. In formula [2] L and L independently represent a single bond an alkylene group or a cycloalkylene group; L represents a single bond O or NR; R represents H or an optionally substituted alkyl group; R represents H an amino group a cyano group a hydroxy group an alkoxy group an aryl group a monoalkylamino group a dialkylamino group a carbamoyl group an alkyloxycarbonyl group a monoalkylaminocarbonyl group an optionally substituted alkyl group or an optionally substituted alkyl group an alkylcarbonylamino group a saturated heterocyclic group an optionally substituted alkyl group an optionally substituted alkyl group or an optionally substituted alkyl group.

No. of Pages : 200 No. of Claims : 10

(19) INDIA

(22) Date of filing of Application :21/05/2013

(43) Publication Date : 09/01/2015

### (54) Title of the invention : MOBILE TERMINAL NON TRANSITORY COMPUTER READABLE MEDIUM STORING CONTROL PROGRAM THEREFOR AND CONTROL METHOD

(51) International classification	:H04M1/00	(71)Name of Applicant :
(31) Priority Document No	:2010263344	1)NEC CASIO Mobile Communications Ltd.
(32) Priority Date	:26/11/2010	Address of Applicant :1753 Shimonumabe Nakahara ku
(33) Name of priority country	:Japan	Kawasaki shi Kanagawa 2118666 Japan
(86) International Application No	:PCT/JP2011/006444	(72)Name of Inventor :
Filing Date	:18/11/2011	1)AOIKE Toru
(87) International Publication No	:WO 2012/070215	
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		1

### (57) Abstract :

Provided are a mobile terminal that more conveniently displays information about the environment a non transitory computer readable medium storing a control program therefor and a control method therefor. This mobile terminal (1) comprises: an environmental information acquisition means (11) that acquires prescribed environmental information relating to the current location of the mobile terminal (1) or a nearby region; an environmental information acquisition control means (12) that while a prescribed application that performs a process other than the acquisition of environmental information is running due to a user operation causes the environmental information acquisition means (11) to acquire environmental information; and a display means (13) that displays the acquired environmental information.

No. of Pages : 49 No. of Claims : 10

(19) INDIA

(22) Date of filing of Application :21/05/2013

(43) Publication Date : 09/01/2015

(51) International classification	:B41M5/52	(71)Name of Applicant :
(31) Priority Document No	:10192655.8	1)AGFA GEVAERT
(32) Priority Date	:26/11/2010	Address of Applicant : IP Department 3622 Septestraat 27 B
(33) Name of priority country	:EPO	2640 Mortsel Belgium
(86) International Application No	:PCT/EP2011/070932	(72)Name of Inventor :
Filing Date	:24/11/2011	1)QUINTENS Dirk
(87) International Publication No	:WO 2012/069586	2)KOKKELENBERG Dirk
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date		
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

### (54) Title of the invention : IMAGE RECEIVING MATERIAL FOR OFFSET PRINTING

(57) Abstract :

The invention relates to an image receiving material for offset printing comprising a support and an image receiving layer the image receiving layer comprising a porous pigment and an aqueous dispersion of a polymer particle characterized in that the image receiving layer further comprises a copolymer comprising alkylene and vinyl alcohol units.

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

(21) Application No.4027/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :24/05/2013

(43) Publication Date : 09/01/2015

### (54) Title of the invention : LUTEINIZING HORMONE LIGAND AND LIGAND GONADOTROPHIN COMPLEX

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application <ul> <li>Number</li> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application Number</li> <li>Filing Date</li> </ul>	:10 04503 :19/11/2010 :France :PCT/IB2011/055210 :21/11/2011 :WO 2012/066519 :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)INSTITUT NATIONAL DE LA RECHERCHE</li> <li>AGRONOMIQUE <ul> <li>Address of Applicant :Etablissement public caract<sup>¬</sup>re</li> <li>scientifique et technologique 147 rue de lUniversit F 75007 Paris</li> </ul> </li> <li>France <ul> <li>(72)Name of Inventor :</li> <li>1)MAUREL Marie Christine</li> <li>2)REITER Eric</li> <li>3)GUILLOU Florian</li> </ul> </li> </ul>
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(57) Abstract :

The invention relates to a ligand of a luteinizing hormone (LH) characterized in that it comprises the paratope of an ovine anti LH antibody of which the variable domain of the heavy chain contains the following CDRs: VH CDR1 defined by the sequence GYTFTNYW (SEQ ID NO: 13); VH CDR2 defined by the sequence IYPGGGYT (SEQ ID NO: 14); VH CDR3 defined by the sequence ARTPLYGSSYGGFAY (SEQ ID NO: 15); and the variable domain of the light chain contains the following CDRs: VL CDR1 defined by the sequence QGISNY (SEQ ID NO: 16); VL CDR2 defined by the sequence YTS; VL CDR3 defined by the sequence QQYSKLPWT (SEQ ID NO: 17). The invention also relates to a ligand gonadotrophin (LH hCG FSH) complex. The ligand or the complex according to the invention can be used to induce ovulation in a female mammal.

No. of Pages : 70 No. of Claims : 13

(19) INDIA

(22) Date of filing of Application :24/05/2013

(43) Publication Date : 09/01/2015

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> </ul>	:G06F21/20,H04L29/06 :1020025.1 :25/11/2010 :U.K. :PCT/GB2011/052320 :25/11/2011 :WO 2012/069845	<ul> <li>(71)Name of Applicant :</li> <li>1)ENSYGNIA LIMITED Address of Applicant :145 157 St. John Street London EC1V</li> <li>4PW U.K.</li> <li>(72)Name of Inventor :</li> <li>1)HARRIS Richard H</li> </ul>
<ul> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:NA :NA :NA :NA	

### (54) Title of the invention : HANDLING ENCODED INFORMATION

(57) Abstract :

A method comprises a portable device obtaining a graphical encoded information item which is displayed on a display of a computing apparatus decoding the encoded information from the encoded information item and transmitting a first message to first server apparatus the first message including the decoded information and a first identifier identifying the device or a user of the device wherein the decoded information includes an apparatus identification information item for allowing identification of the computing apparatus and the first server apparatus receiving the first message from the device establishing the identity of the user of the device wherein establishing the identity of the user comprises using the first identifier to determine if the user is registered with the first server apparatus in response to establishing the identity of the user authorising the user to access a service and providing the service to the user via the computing apparatus using the apparatus identification information item or sending a second message to a second server apparatus the second server apparatus responding to receipt of the second message by providing the service to the user via the computing apparatus using the computing apparatus using the apparatus using the apparatus identification information item and indicating that the user is authorised to access the service provided by the second server apparatus using the apparatus identification information item and indicating that the user is authorised to access the service provided by the second server apparatus using the apparatus identification information item and indicating that the user is authorised to access the service to the user via the computing apparatus using the apparatus using the apparatus using the apparatus using the apparatus identifi

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

(22) Date of filing of Application :15/01/2013

(43) Publication Date : 09/01/2015

### (54) Title of the invention : METHOD TO IDENTIFY A PATIENT WITH AN INCREASED LIKELIHOOD OF RESPONDING TO AN ANTI CANCER THERAPY

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application <ul> <li>Number</li> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application Number</li> <li>Filing Date</li> </ul>	:G01N33/574 :10170004.5 :19/07/2010 :EPO :PCT/EP2011/062229 :18/07/2011 :WO 2012/010549 :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)F. HOFFMANN LA ROCHE AG Address of Applicant :Grenzacher Strasse 124 CH 4070 Basel Switzerland</li> <li>(72)Name of Inventor :</li> <li>1)ANDRES Herbert</li> <li>2)DE HAAS Sanne Lysbet</li> <li>3)KARL Johann</li> <li>4)SCHERER Stefan</li> <li>5)WILD Norbert</li> </ul>
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(57) Abstract :

The invention provides methods for identifying patient who may benefit from treatment with an anti cancer therapy comprising a VEGF antagonist. The invention also provides methods for monitoring a patients response to the anti cancer therapy. The invention also provides kits and articles of manufacture for use in the methods.

No. of Pages : 106 No. of Claims : 33

(21) Application No.3481/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :02/05/2013

(43) Publication Date : 09/01/2015

(54) Title of the invention : SELECTION OF FOREGROUND CHARACTERISTICS BASED ON BACKGROUND		
<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No <ul> <li>Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> </ul> </li> <li>Number <ul> <li>Filing Date</li> <li>(62) Divisional to Application Number</li> <li>Filing Date</li> </ul> </li> </ul>	:G06T11/00,G06T11/40 :12/951088 :22/11/2010 :U.S.A. :PCT/US2011/059010 :02/11/2011 :WO 2012/071147 :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant : <ol> <li>MICROSOFT CORPORATION</li> <li>Address of Applicant :One Microsoft Way Redmond</li> </ol> </li> <li>Washington 98052 6399 U.S.A.</li> <li>(72)Name of Inventor : <ol> <li>GUNDAVARAPU Sidhartha</li> </ol> </li> </ul>

### (57) Abstract :

A text colorization system is described herein that automatically sets foreground text color based on one or more background colors over which the text is displayed. The text colorization system identifies a background color neighboring each pixel of a string of text. For each pixel region the system selects a color to satisfy one or more colorization criteria. Next the system sets the text color at each region based on the selected color. The system then displays the layered image to the user such as through a computer display or mobile device display. Thus the text colorization system provides readable text in the presence of layered graphics displays.

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

(22) Date of filing of Application :02/05/2013

(43) Publication Date : 09/01/2015

(54) Title of the invention : BEARING UNIT FOR SWITCHING OFF AND ON IGNITION IN AUTOMOBILES AND METHOD THEREOF

<ul> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No</li> <li>Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> </ul>	:F02N11/08,F16C41/00,G01P3/44 :2389/DEL/2010 :05/10/2010 :India :PCT/IB2011/002334 :05/10/2011 :WO 2012/046122 :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)AKTIEBOLAGET SKF (publ) Address of Applicant :415 50 Gteborg Sweden</li> <li>(72)Name of Inventor :</li> <li>1)KUMAR Vivek</li> <li>2)MATTOO Rohit</li> <li>3)HUBERT Mathieu</li> <li>4)CHEVE Olivier</li> <li>5)GATESOUPE Alexis</li> <li>6)LOCHER Benoit</li> </ul>
11	:NA :NA :NA	

(57) Abstract :

A bearing unit for switching off and on ignition in automobiles and a method thereof is disclosed. In one example embodiment a bearing unit includes a first element and a second element which are rotatable against each other. The bearing unit also includes a device for detecting and analyzing at least rotation and non rotation occurring between the first element and the second element. Depending on the result of the analyzing an ignition of an automobile with a combustion engine is switched off. For vehicle with start stop engine system.

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

(22) Date of filing of Application :13/05/2013

(43) Publication Date : 09/01/2015

## (54) Title of the invention : SEPARATELY CODING THE POSITION OF A LAST SIGNIFICANT COEFFICIENT OF A VIDEO BLOCK IN VIDEO CODING

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application</li> <li>No</li> <li>Filing Date</li> <li>(87) International Publication N</li> <li>(61) Patent of Addition to</li> <li>Application Number</li> <li>Filing Date</li> <li>(62) Divisional to Application</li> </ul>	:H04N7/26,H04N7/30,H04N7/50 :61/419740 :03/12/2010 :U.S.A. :PCT/US2011/062700 :30/11/2011 o:WO 2012/075181 :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)QUALCOMM INCORPORATED Address of Applicant :ATTN: International IP Administration</li> <li>5775 Morehouse Drive San Diego CA 92121 1714 U.S.A.</li> <li>(72)Name of Inventor :</li> <li>1)SOLE ROJALS Joel</li> <li>2)JOSHI Rajan Laxman</li> <li>3)KARCZEWICZ Marta</li> </ul>
Number Filing Date	:NA :NA	

(57) Abstract :

An apparatus is disclosed for coding coefficients associated with a block of video data during a video coding process wherein the apparatus includes a video coder configured to code information that identifies a position of a last nonzero coefficient within the block according to a scanning order associated with the block prior to coding information that identifies positions of other nonzero coefficients within the block including at least one of the following: coding a one dimensional position within the block that identifies the position of the last nonzero coefficient; coding a two dimensional position within the block that identifies the position of the last nonzero coefficient and coding a flag that indicates whether the last nonzero coefficient is located within a range of positions within the block and coding the one dimensional position when the last nonzero coefficient is located within the range and otherwise coding the two dimensional position.

No. of Pages : 102 No. of Claims : 83

(21) Application No.4050/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :24/05/2013

(43) Publication Date : 09/01/2015

### (54) Title of the invention : RECTANGULAR THIN PANEL CONVEYANCE UNIT

(51) International classification	:B65D19/44,B65D85/48,B65D85/86	(71)Name of Applicant : 1)KYORAKU CO.LTD
(31) Priority Document No	:2010265836	Address of Applicant :598 1 Tatsumae cho Nakadachiuri
(32) Priority Date	:29/11/2010	sagaruKarasumadori Kamigyo ku Kyoto shi Kyoto 6020912 Japan
(33) Name of priority country	y:Japan	(72)Name of Inventor :
(86) International Application No Filing Date	:PCT/JP2011/006644 :29/11/2011	1)SUEOKA Masaaki 2)YAMAUCHI Yoshio
(87) International Publication No	<sup>1</sup> :WO 2012/073482	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

### (57) Abstract :

[Problem] To provide a rectangular thin panel conveyance unit capable of reliably preventing damage or breakage of a plurality of rectangular thin panels while conveying the rectangular thin panels stacked so as not to contact each other. [Solution] A rectangular thin panel conveyance unit characterized by comprising: a plurality of sets of four corner modules (100) each having a support face for supporting each corner of the rectangular thin panel from below; and finite formed vibration suppressing members (300) for the rectangular thin panels: wherein when the plurality of rectangular thin panels are stacked in the up/down direction by stacking the corner modules (100) at each corner in the up/down direction to have a columnar shape each vibration suppressing member has a thickness less than a gap between the support faces of the corner modules (100) adjacent in the up/down direction and the vibration suppressing member is provided with abutting faces arranged on the upper side and the lower side of the rectangular thin panel to face the flat portions of the rectangular thin panel and abut the flat portions (302) of the rectangular thin panel so that the amplitude of the vibration of the rectangular thin panels in the up/down direction caused by conveying the plurality of stacked rectangular thin panels is controlled within a predetermined range.

No. of Pages : 57 No. of Claims : 16

(19) INDIA

(22) Date of filing of Application :02/05/2013

(43) Publication Date : 09/01/2015

(51) International classification	:H03L7/16,H04B1/00	(71)Name of Applicant :
(31) Priority Document No	:12/948166	1)QUALCOMM Incorporated
(32) Priority Date	:17/11/2010	Address of Applicant : Attn: International IP Administration
(33) Name of priority country	:U.S.A.	5775 Morehouse Drive San Diego California 92121 U.S.A.
(86) International Application No	:PCT/US2011/061115	(72)Name of Inventor :
Filing Date	:17/11/2011	1)SOLTANIAN Babak
(87) International Publication No	:WO/2012/068326	2)SAVOJ Jafar
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
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### (54) Title of the invention : LO GENERATION AND DISTRIBUTION IN A MULTI BAND TRANSCEIVER

(57) Abstract :

A VCO of a PLL outputs a first differential signal of frequency FVCO. A first divide by two circuit local to the VCO divides the first differential signal and outputs a first quadrature signal of frequency FVCO/2. Two of the component signals of the first quadrature signal are routed to a second divide by two circuit local to a first mixer of a first device. The second divide by two circuit outputs a second quadrature signal of frequency FVCO/4 to the first mixer. All four signals of the first quadrature signal of frequency FVCO/2 are routed through phase mismatch correction circuitry to a second mixer of a second device. In one example FVCO is a tunable frequency of about ten gigahertz the first device is an IEEE802.11b/g transmitter or receiver that transmits or receives in a first band and the second device is an IEEE802.11a transmitter or receiver that transmits or receives in a second band.

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

(19) INDIA

(22) Date of filing of Application :02/05/2013

(43) Publication Date : 09/01/2015

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application <ul> <li>Number</li> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application Number</li> <li>Filing Date</li> </ul>	:A61M31/00,A61J7/04 :10186712.5 :06/10/2010 :EPO :PCT/IB2011/054280 :29/09/2011 :WO 2012/046166 :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)KONINKLIJKE PHILIPS ELECTRONICS N.V. Address of Applicant :High Tech Campus 5 NL 5656 AE Eindhoven Netherlands</li> <li>(72)Name of Inventor :</li> <li>1)PARDOEL Michel Gerardus</li> <li>2)ZOU Hans</li> <li>3)SHIMIZU Jeff</li> </ul>
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### (54) Title of the invention : ELECTRONIC PILL FOR DELIVERY OF POWDER MEDICATION

(57) Abstract :

The invention relates to an electronic pill (102) for delivery of a medication (104) inside a mammal. The electronic pill (102) comprises a reservoir (106) for releasing the medication (104) in response to a predefined level of pressure. Furthermore a primary elastic element (108) is comprised for applying said predefined level of pressure to the reservoir (106) via a piston (110) upon release from the piston (110) of its constrained position. The piston (110) in its turn when in constrained position induces a predefined level of stress in the primary elastic element (108) by accordingly deforming it. The electronic pill (102) comprises a mechanism (114) for changing upon actuation from a constraining configuration in which the piston (110) is maintained at its constrained position to a releasing configuration in which the piston (110) is released. The mechanism (112) limits the displacement of the piston (110) during changing between said configurations to a level which is substantially smaller than the deformation introduced in the primary elastic element (108).

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

(19) INDIA

(22) Date of filing of Application :16/05/2013

(43) Publication Date : 09/01/2015

### (54) Title of the invention : EPOXY RESIN COMPRISING AN ADDUCT OF DVBDO AS TOUGHENER

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> </ul>	<sup>1</sup> :PCT/US2010/057613 :22/11/2010	<ul> <li>(71)Name of Applicant :</li> <li>1)DOW GLOBAL TECHNOLOGIES LLC Address of Applicant :2040 Dow Center Midland MI 48674 U.S.A.</li> <li>(72)Name of Inventor :</li> <li>1)POTISEK Stephanie L.</li> <li>2)WILSON Mark B.</li> </ul>
<ul> <li>(61) Patent of Addition to</li> <li>Application Number</li> <li>Filing Date</li> <li>(62) Divisional to Application</li> <li>Number</li> <li>Filing Date</li> </ul>	:NA :NA <sup>n</sup> :NA :NA	

(57) Abstract :

An adduct of (a) at least one divinylarene dioxide and (b) at least one end functionalized polymer. For example the adduct may be beneficially used as a toughening agent for toughening thermoset resins such as epoxy resins.

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

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

(43) Publication Date : 09/01/2015

# (54) Title of the invention : METHODS AND COMPOUNDS USEFUL IN THE SYNTHESIS OF FUSED AMINODIHYDROTHIAZINE DERIVATIVES

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number</li> </ul>	:NA :NA	<ul> <li>(71)Name of Applicant : <ol> <li>I)EISAI R&amp;D MANAGEMENT CO. LTD.</li> <li>Address of Applicant :6 10 Koishikawa 4 Chome Bunkyo ku</li> </ol> </li> <li>Tokyo 112 8088 Japan</li> <li>(72)Name of Inventor : <ol> <li>MITASEV Branko</li> <li>KIM Dae Shik</li> <li>ZHANG Huiming</li> <li>SCHNADERBECK Matthew J.</li> <li>FARTHING Christopher N.</li> <li>YOSHIZAWA Kazuhiro</li> </ol> </li> </ul>
Application Number Filing Date	INA INA	
(62) Divisional to Application Number		

(57) Abstract :

Provided are compounds and methods useful for the preparation of compounds useful as inhibitors of beta site amyloid precursor protein (APP) cleaving enzyme.

No. of Pages : 108 No. of Claims : 118

### (19) INDIA

(22) Date of filing of Application :30/11/2011

(43) Publication Date : 09/01/2015

### (54) Title of the invention : APPARATUS AND METHOD FOR UPDATING A LOCATION IN A WIRELESS ACCESS SYSTEM

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number <ul> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application Number</li> </ul>	:H04S :61/420,749 :07/12/2010 :U.S.A. :NA :NA : NA :NA :NA :NA	Address of Applicant :20 YEOUIDO-DONG, YEONGDEUNGPO-GU, SEOUL Republic of Korea (72)Name of Inventor : 1)PARK, GIWON 2)YUK, YOUNGSOO 3)KIM, JEONGKI 4)RYU, KISEON
(62) Divisional to Application Number Filing Date	:NA :NA	5)LEE, JIN
(62) Divisional to Application Number	:NA	

(57) Abstract :

The present disclosure relates to a method of allowing a terminal to perform a location update in an idle mode in a wireless access system, and the 5method may include receiving, from a base station, a machine-to-machine (M2M) terminal specific idle mode timer; and performing a location update based on the received M2M terminal specific idle mode timer, wherein the M2M terminal specific idle mode timer represents length of the maximum interval between location update while the terminal is in idle mode.

No. of Pages : 40 No. of Claims : 26

(22) Date of filing of Application :03/05/2013

### (43) Publication Date : 09/01/2015

### (54) Title of the invention : HONEYCOMB COMPOSITE SUPPORT PART AND METHOD FOR COATING IT

(51) International classification (21) Priority Decument No.	:D21H19/40,D21H27/40,B31D3/02 :61/391088	(71)Name of Applicant : 1)ISELI Fredy Address of Applicant (Echrildung 4 CH 8502 Littuil
<ul><li>(31) Priority Document No</li><li>(32) Priority Date</li></ul>	:08/10/2010	Address of Applicant :Fabrikweg 4 CH 8592 Uttwil Switzerland
(32) Name of priority country		(72)Name of Inventor :
<ul> <li>(86) International Application</li> <li>No</li> <li>Filing Date</li> <li>(87) International Publication</li> <li>No</li> <li>(61) Patent of Addition to</li> <li>Application Number</li> <li>Filing Date</li> <li>(62) Divisional to Application</li> <li>Number</li> <li>Filing Date</li> </ul>	:PCT/EP2011/066976 :29/09/2011 :WO 2012/045653 :NA :NA	1)ISELI Fredy

(57) Abstract :

The invention relates to a method for coating a cellulose honeycomb composite support part (1) which has a multiplicity of channels which extend in an axial direction with an impregnating coating in order to increase the fire and/or water resistance and/or mechanical stability. It is provided according to the invention that impregnating agent is fed into a vacuum coating chamber (8) and a complete and axially continuous coating is produced in the channels on their inner circumferential surfaces by deposition of impregnating agent on the inner circumferential surfaces of the channels and excess impregnating agent (13) is extracted from the vacuum coating chamber (8).

No. of Pages : 25 No. of Claims : 17

(22) Date of filing of Application :07/05/2013

### (54) Title of the invention : PYRAZOLE AMINOPYRIMIDINE DERIVATIVES AS LRRK2 MODULATORS

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number</li> </ul>		<ul> <li>(71)Name of Applicant :</li> <li>1)F. HOFFMANN LA ROCHE AG Address of Applicant :Grenzacherstrasse 124 CH 4070 Basel Switzerland</li> <li>(72)Name of Inventor :</li> <li>1)BAKER GLENN Charles</li> <li>2)BURDICK Daniel Jon</li> <li>3)CHAMBERS Mark</li> <li>4)CHEN Huifen</li> <li>5)ESTRADA Anthony</li> <li>6)SWEENEY Zachary Kevin</li> <li>7)CHAN Bryan K.</li> </ul>
<ul> <li>(61) Patent of Addition to</li> <li>Application Number</li> <li>Filing Date</li> <li>(62) Divisional to</li> <li>Application Number</li> <li>Filing Date</li> </ul>	<sup>D</sup> :NA :NA :NA :NA	

### (57) Abstract :

Compounds of the formula (I) or pharmaceutically acceptable salts thereof wherein X R R R R and R are as defined herein. Also disclosed are methods of making the compounds and using the compounds for treatment of diseases associated with LRRK2 receptor such as Parkinson s disease.

No. of Pages : 227 No. of Claims : 26

### (19) INDIA

(22) Date of filing of Application :16/01/2013

(43) Publication Date : 09/01/2015

### (54) Title of the invention : NOXIOUS ARTHROPOD CONTROL COMPOSITION AND HETEROCYCLIC COMPOUND

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No</li> <li>Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number</li> </ul>	:A01N43/40,A01N43/90,A01P7/04 :2010142396 :23/06/2010 :Japan :PCT/JP2011/064491 :17/06/2011 :WO 2011/162364 :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)SUMITOMO CHEMICAL COMPANY LIMITED Address of Applicant :27 1 Shinkawa 2 chome Chuo ku Tokyo 1048260 Japan</li> <li>(72)Name of Inventor :</li> <li>1)IWAKOSHI Mitsuhiko</li> <li>2)TAKYO Hayato</li> </ul>
Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A noxious arthropod control composition containing as an active ingredient a heterocyclic compound represented by formula (1) [wherein A and A independently represent =CH a nitrogen atom or the like; R represents a halogen atom or the like; R represents a hydrogen atom or the like; R and R independently represent an optionally substituted C1 C4 linear hydrocarbon group or the like; R represents a hydrogen atom or the like; and n represents 0 or 1] which has an excellent controlling effect on noxious arthropods.

No. of Pages : 199 No. of Claims : 19

(22) Date of filing of Application :28/11/2011

### (43) Publication Date : 09/01/2015

### (54) Title of the invention : PNEUMATIC TIRE

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number</li> </ul>	:B60C 11/00 :2010- 278344 :14/12/2010 :Japan :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)SUMITOMO RUBBER INDUSTRIES, LTD. Address of Applicant :6-9, WAKINOHAMA-CHO, 3- CHOME, CHUO-KU, KOBE-SHI, HYOGO 651-0072 Japan</li> <li>(72)Name of Inventor :</li> <li>1)YAMADA, HIROSHI</li> </ul>
	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

### (57) Abstract :

A pneumatic tire comprises a tread portion divided into a crown land region, two middle land regions and two shoulder land regions. The crown land region and middle land regions are each divided into triangular blocks by axial grooves arranged in a zigzag fashion. The shoulder land regions are each divided into shoulder blocks by axial grooves extending at an angle of not less than 70 degrees. The shoulder block is subdivided into an axially inner part and an axially outer part by a secondary groove extending at an angle of not more than 10 degrees. The outer part is provided with si pes extending at an angle of not less than 70 degrees, each angle with respect the circumferential direction.

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

(19) INDIA

(22) Date of filing of Application :30/05/2013

(43) Publication Date : 09/01/2015

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number Eiling Date</li> </ul>	:2010272032 :06/12/2010 :Japan :PCT/JP2011/077723 :30/11/2011 :WO 2012/077560 :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)MELJI CO.LTD. Address of Applicant :2 10 Shinsuna 1 chome Koto ku Tokyo 1368908 Japan</li> <li>(72)Name of Inventor :</li> <li>1)SEKIBA Yutaka</li> <li>2)HAYASHI Yasuhiro</li> </ul>
Filing Date	:NA	

### (54) Title of the invention : PACKAGED SOLID BODY AND PRODUCTION METHOD THEREOF

(57) Abstract :

To provide a method for packaging a solid body wherein even if a sealing operation is not performed in a vacuum device a solid body can be easily housed in a packaging material and further when the packaging material is sealed there is no gap between the solid body and the packaging material. [Solution] When a solid body is housed in a packaging material and sealed a replacement gas having a property of being able to be absorbed in the solid body is intentionally introduced in the packaging material. Thereby after the sealing the replacement gas is absorbed in the solid body and thus the gap between the solid body and the packaging material becomes smaller and the solid body is closely attached to the packaging material. When the absorption of the replacement gas is held in the equilibrium state the volume of the package body remains constant. On the other hand when the package body is opened a gap is generated between the solid body and the packaging material.

No. of Pages : 46 No. of Claims : 30

(21) Application No.2782/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :25/06/2013

(43) Publication Date : 09/01/2015

(51) International classification	:GO6F17/30,GO6F17/60	(71)Name of Applicant :
(31) Priority Document No	:NA	1)Robert Bosch Engineering and Business Solutions Limited
(32) Priority Date	:NA	Address of Applicant :123, Industrial Layout, Hosur Road,
(33) Name of priority country	:NA	Koramangala, Bangalore 560095, Karnataka India
(86) International Application No	:NA	2)Robert Bosch GmbH
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)THANGAVELU Kanagaraj
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : A VANE ARRANGEMENT FOR A VARIABLE GEOMETRY TURBOCHARGER

(57) Abstract :

Disclosed herein is a vane arrangement for a variable geometry turbocharger. The turbocharger comprises a turbine housing having an inlet and an outlet. A plate 101 is located within the housing. The plate 101 has vanes 102 pivoted circumferentially. The vanes 102 are encompassed by a rotatable ring 103 located on the plate 101. Each of the vanes 102 are connected to the rotatable ring 103 by a lever 104. A spring clip 105 having a predetermined stiffness is inserted between each of the levers 104 and the rotatable ring 103. In another embodiment a bush 106 is inserted between each vane shaft 107 of the vane and each of the levers 104 to provide for uninterrupted operation of the turbocharger.

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

(22) Date of filing of Application :03/07/2013

(43) Publication Date : 09/01/2015

## (54) Title of the invention : DETERMINISTIC AND SYNCHRONISED DATA TRANSFER SYSTEM AND METHOD BETWEEN TWO PROCESSORS FOR REAL TIME APPLICATIONS

(51) International classification	:G06F15/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)HINDUSTAN AERONAUTICS LIMITED
(32) Priority Date	:NA	Address of Applicant :GENERAL MANGER, MCSRDC
(33) Name of priority country	:NA	DIVISION, HINDUSTAN AERONAUTICS LIMITED,
(86) International Application No	:NA	VIMANAPURA POST, BANGALORE - 560 017 Karnataka
Filing Date	:NA	India
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)KUNDA BANHIMITRA
Filing Date	:NA	2)KUMAR NISHANT
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Deterministic and Synchronised Data Transfer System and Method between two Processors for Real Time Applications explains about the communication of real time data between the two identical processors using a shared memory. During the application execution any processor can send the data instantaneously, in the meantime the other processor should receive the data. During the data transfer, both the processors should communicate mutually by writing or reading permissions from shared memory. This data transfer philosophy can be applied at any time during the run time in both processors and by this we can also achieve the synchronization of the processors.

No. of Pages : 9 No. of Claims : 4

(19) INDIA(22) Date of filing of Application :24/05/2013

### (43) Publication Date : 09/01/2015

### (54) Title of the invention : APPARATUS AND METHODS FOR HAND IN TO A FEMTO NODE

(31) Priority Document No:61/4185(32) Priority Date:01/12/2(33) Name of priority country:U.S.A.(86) International Application No:PCT/USFiling Date:01/12/2	2010 (72)Name of Inventor : I)RADULESCU Andrei Dragos 2)CHANDE Vinay
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### (57) Abstract :

Methods and apparatuses are provided for causing active hand in of a device from a macrocell base station to a femto node which can be an inter frequency hand in. The femto node can broadcast a beacon which can be received and reported by a device to a source base station along with one or more parameters for disambiguating a target femto node. The source base station can communicate a handover message to the femto node or a related femto gateway along with the one or more parameters. The femto node or femto gateway can disambiguate the intended target femto node based in part on the one or more parameters which can include applying one or more filters. Additionally the femto node can broadcast multiple beacons to assist in disambiguation of the target femto node. Also where complete disambiguation is not possible the femto gateway can prepare multiple femto nodes for hand in.

No. of Pages : 109 No. of Claims : 56

(22) Date of filing of Application :12/06/2013

(43) Publication Date : 09/01/2015

(54) Title of the invention : AMINE CONTAINING TRANSFECTION REAGENTS AND METHODS FOR MAKING AND USING SAME

<ul> <li>(51) International classification</li> <li>(31) Priority Document N</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International</li> <li>Application No <ul> <li>Filing Date</li> <li>(87) International</li> </ul> </li> <li>Publication No</li> <li>(61) Patent of Addition to</li> <li>Application Number <ul> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to</li> <li>Application Number <ul> <li>Filing Date</li> </ul> </li> </ul>	:15/11/2010 :U.S.A. :PCT/US2011/060877 :15/11/2011 :WO 2012/068176	<ul> <li>(71)Name of Applicant :</li> <li>1)LIFE TECHNOLOGIES CORPORATION Address of Applicant :5791 Van Allen Way Carlsbad California 92008 U.S.A.</li> <li>(72)Name of Inventor : <ol> <li>YANG Zhiwei</li> <li>ANGRISH Parul</li> <li>DE MOLLERAT DU JEU Xavier</li> <li>WIEDERHOLT Kristin</li> <li>WU Tao</li> </ol> </li> </ul>
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### (57) Abstract :

There are provided for herein novel amine containing transfection compounds and methods for making and using same. The compounds are generally obtained by reacting a primary amine with an unsaturated compound. Transfection complexes made using the amine containing transfection compounds in combination with additional compounds to encapsulate biologically active agents such as nucleic acids are also provided for herein. Methods of using the transfection complexes for the in vivo or in vitro delivery of biologically active agents are also described. The transfection complexes of the present invention are highly potent thereby allowing effective modulation of a biological activity at relatively low doses compared to analogous transfection compounds known in the art.

No. of Pages : 224 No. of Claims : 46

## (12) Date of filing of Application :15/01/2013

(43) Publication Date : 09/01/2015

# (54) Title of the invention : METHOD TO IDENTIFY A PATIENT WITH AN INCREASED LIKELIHOOD OF RESPONDING TO AN ANTI CANCER THERAPY

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application <ul> <li>Number</li> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application Number</li> <li>Filing Date</li> </ul>	:10170004.5 :19/07/2010 :EPO	<ul> <li>(71)Name of Applicant :</li> <li>1)F. HOFFMANN LA ROCHE AG Address of Applicant :Grenzacher Strasse 124 CH 4070 Basel Switzerland</li> <li>(72)Name of Inventor :</li> <li>1)ANDRES Herbert</li> <li>2)DE HAAS Sanne Lysbet</li> <li>3)KARL Johann</li> <li>4)SCHERER Stefan</li> <li>5)WILD Norbert</li> </ul>
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(57) Abstract :

The invention provides methods for identifying patient who may benefit from treatment with an anti cancer therapy comprising a VEGF antagonist. The invention also provides methods for monitoring a patients response to the anti cancer therapy. The invention also provides kits and articles of manufacture for use in the methods.

No. of Pages : 145 No. of Claims : 33

(22) Date of filing of Application :02/05/2013

(43) Publication Date : 09/01/2015

# (54) Title of the invention : PRINTING DEVICE USING ENDLESS BELT SHAPED PRINTING PLATE PRINTING METHOD THEREOF AND METHOD FOR ATTACHING BELT-SHAPED PRINTING PLATE

<ul><li>(51) International classification</li><li>(31) Priority Document No</li><li>(32) Priority Date</li></ul>	:B41F5/04,B41F13/00,B41F13/08 :2010247732 :04/11/2010	<ul> <li>(71)Name of Applicant :</li> <li>1)YUGENGAISHA MISATOMIRAI21 Address of Applicant :27 12 Higashi ueno 1 Chome Taito Ku</li> </ul>
(33) Name of priority country	:Japan	Tokyo 1100015 Japan
(86) International Application No Filing Date	:PCT/JP2011/075302 :02/11/2011	(72)Name of Inventor : 1)FUKUDA Manabu
(87) International Publication No	:WO 2012/060413	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The present invention is a printing technique wherein an endless belt shaped printing plate (13) is wound between the plate cylinder (18) of a printing cylinder (16) and a guide roller (19) and using the printing plate (13) a continuous form (12) sent between the printing cylinder (16) and an impression cylinder (17) is printed. The plate cylinder (18) of the printing cylinder (16) and an impression cylinder (17a) are each configured from a solid cylinder. In the plate cylinder (18) feed pins (43) are disposed in a row at the same pitch along the outer periphery of the cylinder at both ends in the axial direction while the feed pins (43) are guided to an affixed cam ring (52) and are provided in a manner so as to be extendable/retractable in a manner so as to protrude from the cylinder surface (S) at a desired region of the plate cylinder (18). Pin feed holes (37) are provided in a row to the marginal zone (34) of the endless belt shaped printing plate (13); the endless belt shaped printing plate (13) is adhered from the plate surface side using adhesive tape in an abutting state of both ends of elongated resin relief printing plates meshing with each other; and in the endless belt shaped printing plate (13) the pin feed holes (37) engage the feed pins (43) of the plate cylinder (18) and thereby the plate feed is guided. By means of the present invention it is possible to provide: a printing device that can precisely perform clear and clean printing having no printing unevenness even if relief printing plates and that can also print images having 175 to 300 lines by screen lines and minute microtext; a method for printing in the device; and a method for attaching the belt shaped printing plate.

No. of Pages : 89 No. of Claims : 15

(22) Date of filing of Application :30/08/2013

(43) Publication Date : 09/01/2015

# (54) Title of the invention : PROCESS FOR THE PREPARATION AND WORK-UP OF A REACTION MIXTURE CONTAINING TRIACETONE AMINE

(51) International classification	:c081	(71)Name of Applicant :
(31) Priority Document No	:102012215900.2	1)EVONIK INDUSTRIES AG
(32) Priority Date	:07/09/2012	Address of Applicant :RELLINGHAUSER STRESSE 1-11,
(33) Name of priority country	:Germany	45128, ESSEN Germany
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)NIEMEYER, JOCHEN
(87) International Publication No	: NA	2)NEUMANN, MANFRED
(61) Patent of Addition to Application Number	:NA	3)BREHME, VOLKER
Filing Date	:NA	4)MICHEL, MIRKO
(62) Divisional to Application Number	:NA	5)SCHWARZ, CHRISTOPH
Filing Date	:NA	

(57) Abstract :

The present invention relates to a process for the preparation of triacetone amine, comprising the reaction of acetone and ammonia in the presence of a catalyst, and the subsequent work-up of the resulting reaction mixture.

No. of Pages : 60 No. of Claims : 14

(22) Date of filing of Application :18/01/2013

(43) Publication Date : 09/01/2015

### (54) Title of the invention : PROCESSES FOR THE PREPARATION OF AGOMELATINE USING NOVEL INTERMEDIATES

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:C07C233/00,C07C235/00,C07C237/00 :NA :NA :NA :PCT/IN2012/000694 :22/10/2012 :WO 2014/064706 <sup>D</sup> :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)SYMED LABS LIMITED Address of Applicant :8 3 166/6&amp;7 II Floor Sree Arcade Erragadda Hyderabad 500018 Andhra Pradesh India (72)Name of Inventor :</li> <li>1)MOHAN RAO Dodda</li> <li>2)ANNA REDDY Ambati</li> </ul>
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### (57) Abstract :

Provided herein are novel commercially viable and industrially advantageous processes for the preparation of Agomelatine or a salt thereof in high yield and purity using novel intermediates.

No. of Pages : 109 No. of Claims : 84

(22) Date of filing of Application :21/06/2013

(43) Publication Date : 09/01/2015

## (54) Title of the invention : SUBSTITUTED 3 HETEROAROYLAMINO PROPIONIC ACID DERIVATIVES AND THEIR USE AS PHARMACEUTICALS

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:11305078.5 :26/01/2011 :EPO :PCT/EP2012/051189 :26/01/2012 :WO 2012/101197 :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)SANOFI <ul> <li>Address of Applicant :54 rue La Botie F 75008 Paris France</li> </ul> </li> <li>(72)Name of Inventor : <ul> <li>1)RUF Sven</li> <li>2)SADOWSKI Thorsten</li> <li>3)WIRTH Klaus</li> <li>4)SCHREUDER Herman</li> <li>5)BUNING Christian</li> </ul> </li> </ul>
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(57) Abstract :

The present invention relates to compounds of the formula (I) wherein A D E L G R R R R and R have the meanings indicated in the claims which are valuable pharmaceutical active compounds. They are inhibitors of the protease cathepsin A and are useful for the treatment of diseases such as atherosclerosis heart failure renal diseases liver diseases or inflammatory diseases for example. The invention furthermore relates to processes for the preparation of the compounds of the formula I their use and pharmaceutical compositions comprising them.

No. of Pages : 172 No. of Claims : 14

(21) Application No.2653/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :19/06/2013

(43) Publication Date : 09/01/2015

(54) Title of the invention : LOCATING	CACHED DATA IN A M	IULTI-CORE PROCESSOR
(51) International classification	·G06F17/30 G06F17/60	(71)Name of Applicant :
(31) Priority Document No	:NA	1)EMPIRE TECHNOLOGY DEVELOPMENT LLC
(32) Priority Date	:NA	Address of Applicant :2711 Centerville Road, Suite 400,
(33) Name of priority country	:NA	Wilmington, DE 19808, United States of America
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)SRIRAM VAJAPEYAM
(87) International Publication No	: NA	
(61) Patent of Addition to Application	:NA	
Number Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Techniques described herein are generally related to managing cached memory addresses in a multi-core processor device that has a plurality of cores and a plurality of caches. Communication between the plurality of caches of and a main memory may be monitored. One or more memory addresses cached by the plurality of cores may be identified based on the monitored communications. A probabilistic memory address distribution table of the locations of the one or more memory addresses cached by the plurality of cores can be predicted based upon the probabilistic memory address distribution table.

No. of Pages : 34 No. of Claims : 10

(19) INDIA

(22) Date of filing of Application :26/06/2013

(43) Publication Date : 09/01/2015

### (54) Title of the invention : METHOD, APPARATUS AND DEVICE FOR REPRESENTING POI ON A MAP

(51) International classification	·C00C	(71)Name of Applicant :
(31) Priority Document No	:NA	1)Robert Bosch Engineering and Business Solutions Limited
(32) Priority Date	:NA	Address of Applicant :123, Industrial Layout, Hosur Road,
(33) Name of priority country	:NA	Koramangala, Bangalore 560095, Karnataka India
(86) International Application No	:NA	2)Robert Bosch GmbH
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)Sreeja Arunkumar
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

According to an aspect of the present disclosure, the navigation device dynamically generate POI icon image representing its attributes. The constructed icon of the POI is then displayed on the map along the route. In one embodiment, attributes are prioritized and the icon is constructed accordingly to represent the prioritized attributes for a set of preferred POIs. According to another aspect of the present disclosure, The POI icons are automatically updated by the navigation device based on the status at a given time point. Thus, the present navigation device enable user to make a informed decision.

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

(22) Date of filing of Application :02/01/2013

(43) Publication Date : 09/01/2015

### (54) Title of the invention : D2 ANTAGONISTS METHODS OF SYNTHESIS AND METHODS OF USE

(31) Priority Document No:61/356096Address of(32) Priority Date:18/06/2010California 9402(33) Name of priority country:U.S.A.(72)Name of In 1)LUEHR G(86) International:PCT/US2011/0409832)SUNDARA	<b>HERAPEUTICS LLC</b> <sup>2</sup> Applicant :697 N. San Antonio Road Los Altos         22 U.S.A. <b>Inventor : Sary W. AM Arathi IKAR Priyadarshini hilip W.</b>
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### (57) Abstract :

Provided are D2 or D3 antagonist compounds and pharmaceutical compositions of formula I and pharmaceutically acceptable salts thereof or isomers thereof wherein R1 R2 and R3 are as defined herein. The invention further comprises methods for making the compounds of the invention and methods for the treatment of conditions mediated by the dopamine D2 or D3 receptor from the compounds of the invention.

No. of Pages : 147 No. of Claims : 19

(19) INDIA

(22) Date of filing of Application :30/05/2013

(43) Publication Date : 09/01/2015

Filing Date :NA
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### (54) Title of the invention : SOLAR ASSISTED ON VEHICLE ELECTRONIC DISPLAY SYSTEM

(57) Abstract :

A solar assisted on vehicle electronic display system suitable for use on small vehicles such as taxis includes a power and brightness controller which combines energy from the vehicle with energy from vehicle mounted solar panels thereby providing maximum display brightness during daylight hours when maximum brightness is needed and dimming the display to an acceptable nighttime brightness when operating at night. By controlling display brightness according to the ambient light level the system ensures that the vehicle electrical capacity is not exceeded and the vehicle operating cost is not unduly increased. A rechargeable battery can be included for storing unused or surplus solar energy for later use. In some embodiments the rechargeable battery can also be recharged from a conventional power source. A display controller can receive content wirelessly and can be location aware so as to display location relevant information as the vehicle travels.

No. of Pages : 21 No. of Claims : 15

(21) Application No.4894/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :21/06/2013

(43) Publication Date : 09/01/2015

(54) Title of the invention : INDICATING	INTRA PREDICTION	MODE SELECTION FOR VIDEO CODING USING CABAC
<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application <ul> <li>Number</li> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application Number <ul> <li>Filing Date</li> </ul> </li> </ul>	:H04N7/26 :61/430520 :06/01/2011 :U.S.A. :PCT/US2012/020346 :05/01/2012 :WO 2012/094506 :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)QUALCOMM Incorporated Address of Applicant :5775 Morehouse Drive ATTN: International IP Administration San Diego California 92121 1714</li> </ul>

(57) Abstract :

For a block of video data a video encoder can signal to a video decoder using a context based adaptive binary arithmetic coding (CABAC) process a selected intra prediction mode using a codeword that is mapped to a modified intra prediction mode index. The video decoder can perform a context based adaptive binary arithmetic coding (CABAC) process to determine the codeword signaled by the video encoder determine the modified intra prediction mode index corresponding to the codeword determine most probable modes based on a context map the modified intra prediction mode index to an intra prediction mode index by comparing the modified intra prediction mode index to an intra prediction mode index to the mode used to encode the block of video data based on the intra prediction mode index.

No. of Pages : 106 No. of Claims : 76

(22) Date of filing of Application :23/11/2011

### (54) Title of the invention : WORKPIECE POSITIONING DEVICE AND PRODUCTION SYSTEM USING IT

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> </ul>	:2010- 275312	<ul> <li>(71)Name of Applicant :</li> <li>1)KABUSHIKI KAISHA YASKAWA DENKI Address of Applicant :2-1, KUROSAKI-SHIROIAHI, YAHATANISHI-KU, KITAKYUSHU-SHI, FUKUOKA 806- 0004 Japan</li> <li>(72)Name of Inventor :</li> <li>1)SUZUMURA, KAZUKI</li> <li>2)KANAMORI, TAKAHIKO</li> <li>3)SHIRAKI, TOMOYUKI</li> </ul>
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA	
(62) Divisional to Application Number	:NA	

(57) Abstract :

A workpiece positioning device according to an embodiment includes a first moving unit that is movable in a horizontal direction, a second moving unit that is movable in a vertical direction, and a rotating unit that is placed on either an upper end or a lower end of the second moving unit. The second moving unit and the rotating unit are kept within the width of the first moving unit that is perpendicular to the moving direction of the first moving unit on a horizontal plane.

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

### (19) INDIA

(22) Date of filing of Application :28/11/2011

(43) Publication Date : 09/01/2015

DADER
(71)Name of Applicant :
1)HOERBIGER KOMPRESSORTECHNIK HOLDING 010 GMBH
/2010 Address of Applicant :DONAU-CITY-STRASSE 1, 1220
a WIEN Austria
(72)Name of Inventor :
1)LAGLER, MARTIN
2)STIEGELMAR, GERHARD

### (57) Abstract :

In order to prevent the unloader from rotating relative to the valve seat, it is proposed to design the anti-rotation lock for the unloader as an anti-rotation locking disk (16) on which a central recess (17) is provided which has a cross- section that is diametrically opposed and matched to the valve nut (10), wherein the anti-rotation locking disk (16) is arranged with its central recess (17) in a non-rotational manner on the valve nut (10), and the outer contour of the anti-rotation locking disk (16) has a non-circular cross- section, and a central recess (24) is provided on the unloader (20), said central recess having an inner contour diametrically opposed and matched to the outer contour, and the unloader (20) is arranged with its central recess (24) on the anti-rotation locking disk (16).

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

### (19) INDIA

(22) Date of filing of Application :28/11/2011

#### (43) Publication Date : 09/01/2015

(54) The of the invention . A CHEST OF DR.	A WERS	
(51) International classification	:A47B	(71)Name of Applicant :
(31) Priority Document No	:MO2010A000353	1)FAMI S.R.L.
(32) Priority Date	:16/12/2010	Address of Applicant :VIA STAZIONE ROSSANO 13, 36027
(33) Name of priority country	:Italy	ROSA' (VICENZA) Italy
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)TOSIN, GIUSEPPE
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	r :NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

### (54) Title of the invention : A CHEST OF DRAWERS

### (57) Abstract :

A chest of drawers (1) comprises a frame (2) comprising two uprights (3) facing each other, each upright (3) having a front edge (3 c); at least one drawer (6) associated with the uprights (3) and having a front portion (6f); the drawer (6) is also sliding with respect to the uprights (3) between a closed configuration in which it is housed between the uprights (3) and a pull-out configuration in which it projects with respect to the front edge (3c) of the uprights (3); at least one guide (9) connected to an inside surface (3a) of one of the uprights (3) and comprising a sliding device (10) rotatably fastened to the upright (3) and associated with the drawer (6) to make it movable along the guide (9); the sliding device (10) is located on said upright (3) near the front edge (3 c); the drawer (6) has a housing (14) at the front portion (6f) to accommodate the sliding device (10) when the drawer (6) is in the closed configuration.

No. of Pages : 15 No. of Claims : 2

(19) INDIA

(22) Date of filing of Application :21/06/2013

(43) Publication Date : 09/01/2015

#### (51) International classification :A61M5/19,A61M5/20 (71)Name of Applicant : (31) Priority Document No 1)SANOFI AVENTIS DEUTSCHLAND GMBH :10192991.7 (32) Priority Date Address of Applicant :Br1/4ningstrae 50 65929 Frankfurt :29/11/2010 (33) Name of priority country :EPO Germany (86) International Application No (72)Name of Inventor: :PCT/EP2011/071132 1)HOLTWICK Marc Filing Date :28/11/2011 (87) International Publication No :WO 2012/072556 2)CERMAN Zdenek (61) Patent of Addition to Application **3)LEAK David Martin** :NA Number 4)BOYD Malcolm Stanley :NA Filing Date 5) DE SAUSMAREZ LINTELL Daniel Thomas (62) Divisional to Application Number :NA **6)SANDERS David** Filing Date :NA

(54) Title of the invention : DISPENSE INTERFACE COMPONENT FOR A DRUG DELIVERY DEVICE

### (57) Abstract :

A dispense interface component for use with a drug delivery device is provided. The dispense interface component may include a main body (14) a first piercing portion (1208) a second piercing portion (1212) and a biasing element. The main body is configured for connection to the drug delivery device. The first piercing portion is for piercing a first cartridge (1210) contained within the drug delivery device and the first piercing portion is connected to the main body. The second piercing portion is for piercing a second cartridge (1214) contained with the drug delivery device and the second piercing portion is connected to the main body. The at least one biasing element (1216) is operably coupled to the main body wherein the at least one biasing element is configured to when the load on the at least one biasing element is less than or equal to a threshold load bias (i) the first piercing portion away from the first cartridge.

No. of Pages : 149 No. of Claims : 15

(19) INDIA

(22) Date of filing of Application :16/05/2013

### (43) Publication Date : 09/01/2015

(54) Title of the invention : NOX STORA	AGE COMPONENT	
<ul> <li>(54) Title of the invention : NOX STORA</li> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No <ul> <li>Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> </ul> </li> <li>Number <ul> <li>Filing Date</li> <li>(62) Divisional to Application Number</li> </ul> </li> </ul>		<ul> <li>(71)Name of Applicant :</li> <li>1)JOHNSON MATTHEY PUBLIC LIMITED COMPANY Address of Applicant :5th Floor 25 Farringdon Street London EC4A 4AB U.K.</li> <li>(72)Name of Inventor :</li> <li>1)COOPER Jonathan Ashley</li> <li>2)HOWARD Michael Anthony</li> </ul>
Filing Date	:NA	

(57) Abstract :

A NO storage component comprises caesium silicate (CsSi0) and at least one platinum group metal. The invention also includes a NO absorber catalyst comprising a NO storage component according to the invention disposed on a substrate monolith; a method of treating exhaust gas containing NO from a lean burn internal combustion engine comprising the steps of contacting a NO storage component comprising caesium silicate (Cs2Si03) and at least one platinum group metal with lean exhaust gas containing NO to adsorb NO thereon; and periodically desorbing adsorbed NO by contacting the NO storage component with stoichiometric or rich exhaust gas; and a method of making a NO storage component according to the invention comprising the steps of combining and reacting an aqueous salt of at least one platinum group metal an aqueous caesium salt and a source of silica.

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

(19) INDIA

(22) Date of filing of Application :16/05/2013

(43) Publication Date : 09/01/2015

(51) International classification	:D04B	(71)Name of Applicant :
(31) Priority Document No	:MI2010A001937	1)BTSR INTERNATIONAL S.P.A.
(32) Priority Date	:22/10/2010	Address of Applicant : Via Santa Rita snc I 21057 Olgiate
(33) Name of priority country	:Italy	Olona (Varese) Italy
(86) International Application No	:PCT/EP2011/005262	(72)Name of Inventor :
Filing Date	:19/10/2011	1)BAREA Tiziano
(87) International Publication No	:WO 2012/052166	
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
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### (54) Title of the invention : YARN FEED SEPARATION DEVICE

(57) Abstract :

The device (10) enables yarn (15) to be fed for textile applications and the relative turns to be separated it comprising a wheel/drum (12) directly or indirectly motorized for rotation about its axis (16) the wheel/drum (12) presenting in its lateral surface a series of slits (20) to receive relative blades (22) the projecting profile of which enables the yarn turns (15) wound on the wheel/drum (12) to advance. The blades (22) form an assembly which rotates together with the wheel/drum (12) but about an axis (26) having an inclination (a) and/or an eccentricity (e) relative to the axis (16) of the wheel/drum (12) such that the profile projection of the blades (22) from the relative slits (20) varies gradually along the perimeter of the wheel/drum (12) from a minimum to a maximum to then return to a minimum but remains constant with time the blades (22) having a length such as to be able to receive all the yarn turns (15) which concern the device (10).

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

(12) PATENT APPLICATION PUBLICATION		(21) Application No.3879/CHENP/2013 A	
(19) INDIA			
(22) Date of filing of Application :16/05	/2013	(43) Publication Date : 09/01/2015	
(54) Title of the invention : METHOD FOR DESIGNING AND SELECTING OPTICAL FIBER FOR USE WITH A TRANSMITTER OPTICAL SUBASSEMBLY			
<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application <ul> <li>Number</li> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application Number <ul> <li>Filing Date</li> </ul> </li> </ul>	:G01M11/00,H04B10/08 :12/909129 :21/10/2010 :U.S.A. :PCT/US2011/052776 :22/09/2011 :WO 2012/054172 :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)PANDUIT CORP. Address of Applicant :18900 Panduit Drive Tinley Park IL</li> <li>60487 U.S.A.</li> <li>(72)Name of Inventor :</li> <li>1)TUDURY Gaston E.</li> <li>2)PIMPINELLA Richard J.</li> <li>3)LANE Brett</li> </ul>	

### (57) Abstract :

A method for compensating for both material or chromatic dispersion and modal dispersion effects in a multimode fiber transmission system is provided. The method includes but is not limited to measuring a fiber coupled spatial spectral distribution of the multimode fiber laser transmitter connected with a reference multimode fiber optic cable and determining the amount of chromatic dispersion and modal dispersion present in the reference multimode fiber optic cable. The method also includes but is not limited to designing an improved multimode fiber optic cable which compensates for at least a portion of the chromatic dispersion and modal dispersion present in the reference multimode fiber optic cable resulting from the transmitter s fiber coupled spatial spectral distribution.

No. of Pages : 58 No. of Claims : 16

### (19) INDIA

(22) Date of filing of Application :04/07/2013

### (43) Publication Date : 09/01/2015

### (54) Title of the invention : FORMATTING DATA BY EXAMPLE

(51) International classification	:G06F17/21,G06F17/24,G06F3/048	(71)Name of Applicant : 1)MICROSOFT CORPORATION
(31) Priority Document No	:13/014520	Address of Applicant : One Microsoft Way Redmond
(32) Priority Date	:26/01/2011	Washington 98052 6399 U.S.A.
(33) Name of priority country	:U.S.A.	(72)Name of Inventor :
(86) International Application	·PCT/US2012/022454	1)ROTHSCHILLER Chad
110	:24/01/2012	2)BATTAGIN Daniel
Filing Date		3)BENEDICT Christopher
(87) International Publication	:WO 2012/103159	4)MOREIRA SILVEIRA Rodrigo
No		5)COHEN Eric
(61) Patent of Addition to	:NA	6)GULWANI Sumit
Application Number	:NA	7)ROUHANA Dany
Filing Date		8)SINGH Rishabh
(62) Divisional to Application	·NA	9)ZORN Benjamin Goth
Number	:NA	10)VENKATESAN Ramarathnam
Filing Date	.1 1/2 1	11)DANILOV Dmitri O.

(57) Abstract :

Data formatting rules to convert data from one form to another form are automatically determined based on a user s edits. A machine learning heuristic is applied to a user s edits to determine a data formatting rule that may be applied to data. For example a user may make edits that add/remove characters from data concatenate data extract data rename data and the like. The machine learning heuristic may be automatically triggered in response to an event (e.g. after a predetermined number of edits are made to a same type of data) or manually triggered (e.g. selecting a user interface option). The data formatting rule may be applied to other data and the results of the formatting reviewable by the user. Based on further edits/reviews the data formatting rule may be updated. The data formatting rules may be stored for later use.

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

(19) INDIA

(22) Date of filing of Application :26/04/2013

(43) Publication Date : 09/01/2015

(51) International classification	:C12Q1/22	(71)Name of Applicant :
(31) Priority Document No	:61/408997	1)3M INNOVATIVE PROPERTIES COMPANY
(32) Priority Date	:01/11/2010	Address of Applicant :3M Center Post Office Box 33427 Saint
(33) Name of priority country	:U.S.A.	Paul Minnesota 55133 3427 U.S.A.
(86) International Application No	:PCT/US2011/058259	(72)Name of Inventor :
Filing Date	:28/10/2011	1)PEDERSON Jeffrey C.
(87) International Publication No	:WO 2012/061228	2)CHANDRAPATI Sailaja
(61) Patent of Addition to Application	:NA	3)BEHUN Bryan S.
Number	:NA :NA	4)ROBOLE Barry W.
Filing Date	.INA	5)LONGWORTH Leroy J.
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
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### (54) Title of the invention : BIOLOGICAL STERILIZATION INDICATOR SYSTEM AND METHOD

(57) Abstract :

A biological sterilization indicator (BI) system and method. The system can include a BI and a reading apparatus comprising a well. The BI can include a housing which can include a first portion and a second portion movable between a first unactivated position and a second activated position. The BI can further include a frangible container containing a liquid and dimensioned to be positioned in the housing. The reading apparatus can be configured to detect activation of the biological sterilization indicator for example by detecting that the second portion is in the second position and/or by detecting that the liquid from the frangible container is present in a specific chamber of the biological sterilization indicator. The method can include positioning the BI in the well of the reading apparatus and detecting activation for example by detecting one or more of the above conditions.

No. of Pages : 91 No. of Claims : 15

(19) INDIA

(22) Date of filing of Application :03/05/2013

(43) Publication Date : 09/01/2015

(51) International classification	· · · · · · · · · · · · · · · · · · ·	(71)Name of Applicant :
(31) Priority Document No	:10 2010 048 016.9	1)OERLIKON TEXTILE GMBH & CO. KG
(32) Priority Date	:09/10/2010	Address of Applicant : Leverkuser Strasse 65 42897
(33) Name of priority country	:Germany	Remscheid Germany
(86) International Application No	:PCT/EP2011/067539	(72)Name of Inventor :
Filing Date	:07/10/2011	1)MAYER Klaus
(87) International Publication No	:WO 2012/045855	2)SCHR-TER Michael
(61) Patent of Addition to Application	:NA	3)KOWALSKI J¼rgen
Number		4)WITKOWSKI Dirk
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		1

### (54) Title of the invention : WINDING MACHINE AND TOOTHED BELT

(57) Abstract :

The invention relates to a winding machine for winding up a plurality of threads to form bobbins (1) having a plurality of winding stations (2) which are arranged distributed along a driven winding spindle. An oscillating device (7) having a plurality of wing oscillating units which are assigned to the winding stations (2) is arranged in front of the winding stations wherein the wing oscillating units can be driven by an electric motor (10) and a belt drive (9). In order as far as possible to avoid unfavourable resonance phenomena between the belt drive (9) and the oscillating frequencies of the wing oscillating units (3) according to the invention the belt drive (9) has an endless toothed belt (12) with a multiplicity of belt teeth (22) and a tooth spacing (T) between the belt teeth (22) in the range between 4 mm and 5 mm.

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

(21) Application No.4113/CHENP/2013 A

(19) INDIA

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

(43) Publication Date : 09/01/2015

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application <ul> <li>Number</li> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application Number <ul> <li>Filing Date</li> </ul> </li> </ul>	:H02J9/06,H02M7/797 :12/940100 :05/11/2010 :U.S.A. :PCT/US2011/054529 :03/10/2011 :WO 2012/060958 :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)SCHNEIDER ELECTRIC IT CORPORATION Address of Applicant :132 Fairgrounds Road West Kington RI 02892 U.S.A.</li> <li>(72)Name of Inventor :</li> <li>1)GHOS Rajesh</li> <li>2)NARASIMHA Raju</li> <li>3)LIPARE Mahesh</li> <li>4)KLIKIC Damir</li> </ul>
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### (54) Title of the invention : SYSTEM AND METHOD FOR BIDIRECTIONAL DC AC POWER CONVERSION

(57) Abstract :

A power converter includes a power input configured to receive input power from an AC power source a power output configured to provide output power to a load a battery interface configured to exchange DC power with a battery and power converter circuitry. The power converter circuitry is adapted to in a first interconnection configuration convert the input power into the DC power at the battery interface and in a second interconnection configuration convert the DC power at the battery interface into the output power. The power converter circuitry has a power line a transformer a first connection node switchably connected to the power line in the first interconnection configuration and switchably connected to the transformer in the second interconnection configuration and switchably connected to the power line in the first interconnection configuration.

No. of Pages : 40 No. of Claims : 20

(19) INDIA

(22) Date of filing of Application :04/07/2013

(43) Publication Date : 09/01/2015

### (54) Title of the invention : IMPROVING DIVERSION BY COMBINING DISSOLVABLE AND DEGRADABLE PARTICLES AND FIBERS

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application <ul> <li>Number</li> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application Number <ul> <li>Filing Date</li> </ul> </li> </ul>	:E21B33/13,E21B47/06 :13/014778 :27/01/2011 :U.S.A. :PCT/US2012/022964 :27/01/2012 :WO 2012/103474 :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant : <ol> <li>SCHLUMBERGER CANADA LIMITED</li> <li>Address of Applicant :525 3rd Avenue S. W. Calgary Alberta</li> </ol> </li> <li>T2P 0G4 Canada <ol> <li>SERVICES PETROLIERS SCHLUMBERGER</li> <li>SCHLUMBERGER HOLDINGS LIMITED</li> <li>SCHLUMBERGER TECHNOLOGY B.V.</li> <li>PRAD RESEARCH AND DEVELOPMENT LIMITED</li> </ol> </li> <li>(72)Name of Inventor : <ol> <li>TIPPEL Philipp</li> <li>MORRIS Elizabeth W.A.</li> <li>BONEY Curtis L.</li> <li>SWAREN Jason</li> <li>LASSEK John</li> <li>ARIZA Ricardo</li> <li>RES Desmond E.</li> <li>SIMON David Ryan</li> <li>DARDIS Michael A.</li> <li>DAVIS Darrell P.</li> </ol> </li> </ul>
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### (57) Abstract :

In downhole treatments in the oilfield ball sealers seated in perforations may not fully seal and may leak fluid through gaps and asperities between the balls and the perforations. A method is given for improving the sealing of ball sealers in perforations by adding a sealing agent that forms a plug in the gaps and severely restricts or eliminates fluid flow. The sealing agent is preferably degradable or soluble malleable fibers slightly larger than the gaps. Optionally the particles may be non degradable rigid of different shapes and smaller than the gaps but able to bridge them. Mixtures of sealing agents may be used. The sealing agent may be added with the ball sealers after the ball sealers or both.

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

(22) Date of filing of Application :13/06/2012

(43) Publication Date : 09/01/2015

(51) International classification	:H04B1/40,H04M1/02	(71)Name of Applicant :
(31) Priority Document No	:12/639,924	1)MICROSOFT CORPORATION
(32) Priority Date	:16/12/2009	Address of Applicant :ONE MICROSOFT WAY,
(33) Name of priority country	:U.S.A.	REDMOND, WASHINGTON 98052-6399 U.S.A.
(86) International Application No	:PCT/US2010/059112	(72)Name of Inventor :
Filing Date	:06/12/2010	1)JONES GREGORY GLENN
(87) International Publication No	:WO 2011/084298 A3	2)HANSON LISA M
(61) Patent of Addition to Application	•NT A	3)KLEIST THOMAS
Number	:NA	4)BREHMER JESPER
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(57) Alestro et :		1

### (54) Title of the invention : DUAL DISPLAY MOBILE COMMUNICATION DEVICE

(57) Abstract :

A dual display mobile device comprises a first device with a first display and a second device with a second display. The mobile device can operate as a mobile cell phone. In a closed configuration of the mobile device, the first display is exposed and the second display is hidden. In an open configuration, both displays are exposed. In a detached configuration, the second device is separated from the first device and the second device can operate as a mobile phone handset. The separated first and second device can communicate wirelessly. The detachable second device allows a user to utilize the full capabilities of the mobile phone without having to remove the second device away from the users ear, thus preserving the privacy of a phone call. The first and second displays can interact with each other or operate independently in the open, closed or detached configurations.

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

### (19) INDIA

(22) Date of filing of Application :15/11/2013

(43) Publication Date : 09/01/2015

# (54) Title of the invention : METHOD AND APPARATUS FOR TEMPORAL STABILIZATION OF STREAMING FRAMES (51) International classification :H04N (71) Name of Applicant : (71) Normal Component No.

(31) Priority Document No	:61/727946	1)NOKIA CORPORATION
(32) Priority Date	:19/11/2012	Address of Applicant :Keilalahdentie 4, FIN-02150 Espoo,
(33) Name of priority country	:U.S.A.	Finland
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)Mika Petri Ensio Nenonen
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

### (57) Abstract :

A method, apparatus and computer program product are disclosed to provide improved temporal stabilization of a control algorithm associated with the processing of streaming frames. In the context of a method, the number of immediately preceding consecutive frames during which a filtered value has been greater than a current value of the current frame is determined or the number of immediately preceding, consecutive frames during which the filtered value has been less than the current value of the current frame is determined. The method also includes determining a weight based upon the number of immediately preceding, consecutive frames. The weight is configured to vary in a direct relationship to the number of immediately preceding, consecutive frames. The method also determines a filtered value of a current frame based upon a combination of the weight and the difference between the prior filtered value and the value of the current frame.

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

### (19) INDIA

(22) Date of filing of Application :12/07/2013

(43) Publication Date : 09/01/2015

### (54) Title of the invention : PROCESSES AND SYSTEMS FOR CREATING IDIOMORPHIC MEDIA AND DELIVERING GRANULAR MEDIA SUITABLE FOR INTERSTITIAL CHANNELS

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number</li> </ul>	:13/12/2011 :WO 2012/091731 :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)GESHWIND David M. Address of Applicant :60 West 66th Street New York NY 10023 U.S.A.</li> <li>(72)Name of Inventor :</li> <li>1)GESHWIND David M.</li> </ul>
Filing Date	:NA :NA	

### (57) Abstract :

Creation or modification of various media to a form that is suitable for delivery (e.g. display) during gaps (generally temporal) in an information display to or interaction with a human user. Media is prepared to be granular in nature; consisting of relatively many relatively small cognitively separable sequential or stand alone segments. Program material (and optionally advertising) is customized or custom selected for receipt and display on various fixed and mobile digital media devices via any network broadcast or other distribution system. Source material is video audio print or otherwise and optionally converted between media. Edits produce diverse elements or versions abstracted for different amount of information level of detail running time or with content skewed for end user interest or preference. Elements or versions are tagged by operator review and input or automatically from content (e.g. closed caption original text material voice recognition image recognition) or other sources to include indications of: content subject matter intended audience length rating for age or other purpose style of presentation completeness etc. Information about end user preferences is matched with content tag information to create customized packages of content and targeted advertising.

No. of Pages : 179 No. of Claims : 34

(19) INDIA

(22) Date of filing of Application :19/02/2013

(43) Publication Date : 09/01/2015

(51) International classification	:H04N5/232	(71)Name of Applicant :
(31) Priority Document No	:12/858922	1)APPLE INC.
(32) Priority Date	:18/08/2010	Address of Applicant :1 Infinite Loop Mail Stop 3 PAT
(33) Name of priority country	:U.S.A.	Cupertino California 95014 U.S.A.
(86) International Application No	:PCT/US2011/047376	(72)Name of Inventor :
Filing Date	:11/08/2011	1)COTE Guy
(87) International Publication No	:WO 2012/024155	2)FREDERIKSEN Jeffrey E.
(61) Patent of Addition to Application	:NA	3)BRATT Joseph P.
Number		4)GO Shun Wai
Filing Date	:NA	5)MILLET Timothy J.
(62) Divisional to Application Number	:NA	•
Filing Date	:NA	
(57) Alextre et :		I

### (54) Title of the invention : DUAL IMAGE SENSOR IMAGE PROCESSING SYSTEM AND METHOD

(57) Abstract :

Various techniques are provided for processing image data acquired using a digital image sensor 90. In accordance with aspects of the present disclosure one such technique may relate to the processing of image data in a system 10 that supports multiple image sensors 90. In one embodiment the image processing system 32 may include control circuitry configured to determine whether a device is operating in a single sensor mode (one active sensor) or a dual sensor mode (two active sensors). When operating in the single sensor mode data may be provided directly to a front end pixel processing unit 80 from the sensor interface of the active sensor. When operating in a dual sensor mode the image frames from the first and second sensors 90a 90b are provided to the front end pixel processing unit 80 in an interleaved manner. For instance in one embodiment the image frames from the first and second sensors 90a 90b are written to a memory 108 and then read out to the front end pixel processing unit 80 in an interleaved manner.

No. of Pages : 250 No. of Claims : 30

(22) Date of filing of Application :28/03/2013

(43) Publication Date : 09/01/2015

### (54) Title of the invention : GUANIDINE COMPOUNDS AND COMPOSITIONS FOR THE INHIBITION OF NAMPT

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International</li> <li>Application No <ul> <li>Filing Date</li> <li>(87) International</li> </ul> </li> <li>Publication No</li> <li>(61) Patent of Addition to</li> <li>Application Number <ul> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to</li> </ul>	:C07D213/74,C07D401/04,A61P35/00 :61/379800 :03/09/2010 :U.S.A. :PCT/US2011/050323 :02/09/2011 :WO 2012/031199 :NA :NA	<ul> <li>(71)Name of Applicant : <ol> <li>FORMA TM LLC.</li> <li>Address of Applicant :500 Arsenal St Suite100 Watertown</li> </ol> </li> <li>MA 02472 U.S.A.</li> <li>(72)Name of Inventor : <ol> <li>BAIR Kenneth W.</li> <li>BUCKMELTER Alexandre J.</li> <li>HAN Bingsong</li> <li>LIN Jian</li> <li>REYNOLDS Dominic J.</li> <li>SMITH Chase C.</li> <li>WANG Zhongguo</li> <li>ZHENG Xiaozhang</li> </ol> </li> </ul>
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The present invention relates to compounds and compositions for the inhibition of NAMPT their synthesis applications and antidotes. An illustrative compound of the invention is shown below.

No. of Pages : 114 No. of Claims : 40

(12) Date of filing of Application :07/05/2013

(43) Publication Date : 09/01/2015

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

<ul> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> </ul>	:H04N5/235,H04N5/232 :2010254291 :12/11/2010 :Japan :PCT/JP2011/074467 :24/10/2011 :WO 2012/063634 :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)SONY CORPORATION <ul> <li>Address of Applicant :1 7 1 Konan Minato Ku Tokyo 1080075</li> </ul> </li> <li>Japan <ul> <li>(72)Name of Inventor :</li> <li>1)KASAI Masanori</li> </ul> </li> </ul>
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### (57) Abstract :

Provided are an apparatus and a method for generating a wide dynamic range image on the basis of one picked up image. Exposure time control wherein different exposure times are set by pixel region unit such as row unit of a pixel unit is performed and a plurality of different pieces of pixel information i.e. the pixel values of the pixels respectively having the different exposure times set thereto are acquired. For instance high sensitivity pixel information is acquired from a long time exposure pixel and low sensitivity pixel information is acquired from a long time exposure pixel and low sensitivity pixel information with the different sensitivities. For instance in a high luminance region since there is a possibility that the sensitivity pixel information is a saturated value the weight of the low sensitivity pixel information is set large and since it is estimated that the SN ratio of the low sensitivity pixel information in a low luminance region is low the weight of the high sensitivity pixel information is set large and output pixel values are determined.

No. of Pages : 119 No. of Claims : 19

(19) INDIA

(22) Date of filing of Application :03/06/2013

(43) Publication Date : 09/01/2015

### (54) Title of the invention : TRIAZOLOPYRIDINE COMPOUNDS

<ul><li>(51) International</li><li>classification</li><li>(31) Priority Document</li><li>No</li></ul>	:C07D471/04,C07D519/00,A61K31/437 :10194014.6	<ul> <li>(71)Name of Applicant :</li> <li>1)F. HOFFMANN LA ROCHE AG Address of Applicant :Grenzacherstrasse 124 CH 4070 Basel Switzerland</li> </ul>
<ul><li>(32) Priority Date</li><li>(33) Name of priority</li><li>country</li></ul>	:07/12/2010 :EPO	<ul><li>(72)Name of Inventor :</li><li>1)FLOHR Alexander</li><li>2)GOBBI Luca</li></ul>
(86) International Application No Filing Date	:PCT/EP2011/071685 :05/12/2011	3)GROEBKE ZBINDEN Katrin 4)KOERNER Matthias 5)PETERS Jens Uwe
(87) International Publication No	:WO 2012/076430	
<ul> <li>(61) Patent of Addition t</li> <li>Application Number</li> <li>Filing Date</li> <li>(62) Divisional to</li> <li>Application Number</li> <li>Filing Date</li> </ul>	<sup>0</sup> :NA :NA :NA :NA	

(57) Abstract :

The invention is concerned with triazolopyridine compounds of formula (I) wherein R R R and R are as defined in the description and in the claims as well as physiologically acceptable salts thereof. These compounds inhibit PDEIOA and can be used as medicaments.

No. of Pages : 220 No. of Claims : 20

(19) INDIA

(22) Date of filing of Application :02/01/2013

(43) Publication Date : 09/01/2015

### (54) Title of the invention : CHARGER FOR A BATTERY PLURALITY OF COUPLED CHARGERS AND METHOD OF **OPERATING**

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> </ul>	:2005026 :05/07/2010 :Netherlands	<ul> <li>(71)Name of Applicant :</li> <li>1)ABB B.V. Address of Applicant :George Hintzenweg 81 NL 3068 AX Rotterdam Netherlands</li> <li>(72)Name of Inventor :</li> <li>1)BOUMAN Crijn</li> </ul>
<ul> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:WO 2012/005573 :NA :NA :NA :NA	

### (57) Abstract :

The present invention relates to a network of chargers for a battery of an electric vehicle comprising a 1st power connection for exchanging power with a power source a power converter for converting the power from the power source to a suitable value for charging electric vehicles a 2nd power connection for exchanging power with the vehicle at least a 3rd power connection for exchanging power with another charger a controllable power switch coupled to the power converter the 2nd power connection and the at least 3rd connection a controller for at least controlling the switch configured to: onnect the power converter to the 2nd power connection when a vehicle is to be charged from the power source connect the power converter to the at least one 3rd power connection when power is to be delivered to another charger and connect the at least one 3rd power connection to the 2nd power connection when power from another charger is to be delivered to the vehicle.

No. of Pages : 18 No. of Claims : 14

(22) Date of filing of Application :31/07/2009

(43) Publication Date : 09/01/2015

(54) Title of the invention : MOBILE COMMUNICATION SYSTEM, BASE STATION APPARATUS, AND MOBILE STATION APPARATUS

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> <li>(57) Alected</li> </ul>	:H04B7/26,H04W72/02,H04W72/08 :2007-022102 :31/01/2007 :Japan :PCT/JP08/51125 :25/01/2008 <sup>m</sup> :WO 2008/093621 A1 :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)SHARP KABUSHIKI KAISHA Address of Applicant :22-22, NAGAIKE-CHO, ABENO-KU, OSAKA-SHI, OSAKA 545-8522 Japan</li> <li>(72)Name of Inventor :</li> <li>1)UEMURA, KATSUNARI</li> <li>2)OH, WAHO</li> <li>3)KATO, YASUYUKI</li> <li>4)YAMADA, SHOHEI</li> </ul>
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(57) Abstract :

To improve throughput of the whole system while reducing power consumption. In a mobile communication system comprising -a mobile station apparatus and a base station apparatus, the base station apparatus creates an interference information table based on channel quality of an uplink channel, and at the same time, transmitting the interference information indicator table to the mobile station apparatus, and the mobile station apparatus determines a state of interference in an uplink frequency band based on the interference information indicator table, determines a frequency band of a measurement pilot channel, which is a pilot channel used to determine received quality, and make a request to the base station apparatus for a transmission resource. For example, the mobile station apparatus determines a frequency band with lowest interference among the uplink frequency bands as a frequency band of the measurement pilot channel.

No. of Pages : 132 No. of Claims : 28

(22) Date of filing of Application :26/07/2013

(43) Publication Date : 09/01/2015

### (54) Title of the invention : VISUAL INDICATOR FOR AN AEROSOL MEDICATION DELIVERY APPARATUS AND SYSTEM

<ul><li>(51) International</li><li>classification</li><li>(31) Priority Document No</li></ul>	:60/382,227	Address of Applicant :725 THIRD STREET, LONDON,
<ul><li>(32) Priority Date</li><li>(33) Name of priority</li><li>country</li></ul>	:21/05/2002 :U.S.A.	ONTARIO N5V 5G4 Canada (72)Name of Inventor : 1)BRUCE, SARAH
(86) International Application No Filing Date	:PCT/IB2003/01904 :16/05/2003	2)SCHMIDT, JAMES, N
(87) International Publication No	:WO/2003/097142	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filed on	:2854/CHENP/2004 :16/05/2003	

### (57) Abstract :

A flow indicating system including a conduit adapted to contain a substance, wherein said conduit defines a flow path along which the substance is adapted to primarily flow, a viewing port connected to said conduit, said viewing port adapted to substantially prevent non-ambient atmosphere gases and substances from escaping therefrom, wherein said viewing port allows visualization of an internal space defined by said viewing port, and a flow indicator positioned within and visible through said viewing port, wherein said flow indicator is positioned substantially outside of said flow path, said flow indicator moveable between at least an at-rest position and an inhalation position, one or both of said viewing port and said flow indicator adapted to prevent entrainment of ambient air into said flow path when said flow indicator is in said inhalation position.

No. of Pages : 34 No. of Claims : 7

(22) Date of filing of Application :28/01/2013

(43) Publication Date : 09/01/2015

## (54) Title of the invention : METHOD FOR PRODUCING SIZING AGENT COATED CARBON FIBERS AND SIZING AGENT COATED CARBON FIBERS

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:D06M15/55,D01F9/22,D06M13/325 :2010149130 :30/06/2010 :Japan :PCT/JP2011/064511 :24/06/2011 :WO 2012/002266 :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)TORAY INDUSTRIES INC. Address of Applicant :1 1 Nihonbashi Muromachi 2 chome Chuo ku Tokyo 1038666 Japan</li> <li>(72)Name of Inventor :</li> <li>1)NAKAYAMA Yoshifumi</li> <li>2)KAMAE Toshiya</li> <li>3)KOBAYASHI Daigo</li> <li>4)ENDO Makoto</li> </ul>
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### (57) Abstract :

Disclosed is a method for producing carbon fibers which exhibit excellent adhesion to a matrix resin and have excellent high order processability. Specifically disclosed is a method for producing a sizing agent coated carbon fibers wherein at least one kind of sizing agent that is selected from the group consisting of sizing agents (a) (b) and (c) described below is used for coating in each of said sizing agents a bi or higher functional epoxy compound (A1) and/or an epoxy compound (A2) being used as a component (A) and said epoxy compound (A2) having a mono or higher functional epoxy group and at least one functional group that is selected from among a hydroxyl group an amide group an imide group a urethane group a urea group a sulfonyl group and a sulfo group. The method for producing a sizing agent coated carbon fibers is characterized in that the sizing agent is applied to carbon fibers and the resulting is subjected to a heat treatment within the temperature range of 160 260°C for 30 600 seconds. (a) A sizing agent which is obtained by blending at least 0.1 25 parts by mass of a tertiary amine compound and/or tertiary amine salt (B1) having a molecular weight of 100 g/mol or more per 100 parts by mass of the component (A) said tertiary amine compound and/or tertiary amine salt (B1) being used as a component (B). (b) A sizing agent which is obtained by blending at least 0.1 25 parts by mass of a quaternary ammonium salt (B2) having a cationic moiety represented by general formula (I) or (II) per 100 parts by mass of the component (A) said quaternary ammonium salt (B2) being used as a component (B). (In the formulae R R each represents a hydrocarbon group having 1 22 carbon atoms a group that contains a hydrocarbon having 1 22 carbon atoms and an ether structure a group that contains a hydrocarbon having 1 22 carbon atoms and an ester structure or a group that contains a hydrocarbon having 1 22 carbon atoms and a hydroxyl group; and R and R each represents a hydrogen atom a hydrocarbon group having 1 8 carbon atoms a group that contains a hydrocarbon having 1.8 carbon atoms and an ether structure or a group that contains a hydrocarbon having 1.8 carbon atoms and an ester structure.) (c) A sizing agent which is obtained by blending at least 0.1 25 parts by mass of a quaternary phosphonium salt and/or phosphine compound (B3) per 100 parts by mass of the component (A) said quaternary phosphonium salt and/or phosphine compound (B3) being used as a component (B).

No. of Pages : 112 No. of Claims : 23

(22) Date of filing of Application :07/06/2013

(43) Publication Date : 09/01/2015

### (54) Title of the invention : SPIRO OXINDOLE MDM2 ANTAGONISTS

<ul> <li>(51) International classification</li> <li>(31) Priority Document Not</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No.</li> </ul>	:C07D487/10,A61K31/407,A61P35/00 D:61/413094 :12/11/2010 :U.S.A. :PCT/US2011/060300	<ul> <li>(71)Name of Applicant :</li> <li>1)THE REGENTS OF THE UNIVERSITY OF MICHIGAN Address of Applicant :1600 Huron Parkway Second Floor Ann Arbor Michigan 48109 U.S.A.</li> <li>2)ASCENTA LICENSING CORPORATION</li> <li>3)SANOFI</li> <li>(72)Name of Inventor :</li> <li>1)WANC Shapmang</li> </ul>
Application No Filing Date	:11/11/2011	1)WANG Shaomeng 2)ZHAO Yujun
(87) International Publication No	:WO 2012/065022	3)SUN Wei 4)KUMAR Sanjeev
(61) Patent of Addition to Application Number Filing Date	:NA :NA	5)LEOPOLD Lance 6)DEBUSSCHE Laurent 7)BARRIERE Cedric
(62) Divisional to Application Number Filing Date	:NA :NA	8)CARRY Jean Christophe 9)AMANING Kwame 10)GUO Ming

### (57) Abstract :

Provided herein are compounds compositions and methods in the field of medicinal chemistry. The compounds and compositions provided herein relate to spiro oxindoles which function as antagonists of the interaction between p53 and MDM2 and their use as therapeutics for the treatment of cancer and other diseases.

No. of Pages : 270 No. of Claims : 67

(22) Date of filing of Application :24/06/2013

(43) Publication Date : 09/01/2015

## (54) Title of the invention : HYDROPHOBICALLY MODIFIED POLYSACCHARIDE ETHERS AS DEPOSITION ENHANCERS FOR AGRICULTURALL ACTIVE INGREDIENTS

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> </ul>	:A01N25/04,A01N31/06 :10195409.7 :16/12/2010 :EPO :PCT/EP2011/072500 :13/12/2011 :WO 2012/080196 :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)AKZO NOBEL CHEMICALS INTERNATIONAL B.V. Address of Applicant :Stationsstraat 77 NL 3811 MH</li> <li>Amersfoort Netherlands</li> <li>(72)Name of Inventor :</li> <li>1)WESTBYE Peter</li> <li>2)KARLSON Leif Olof</li> </ul>
11		
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A composition is provided comprising a non ionic water soluble hydrophobically modified lower alkyl hydroxyalkyl linear polysaccharide ether wherein the hydrophobic group comprises a long chain C10 C18 alkyl or alkenyl group the lower alkyl group has 1 4 carbon atoms and the hydroxyalkyl groups are hydroxyethyl and/or hydroxypropyl; and one or more agriculturally active ingredient. A method for treating a plant is also provided comprising the step of contacting a plant with a composition of the invention.

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

(19) INDIA

(22) Date of filing of Application :22/07/2013

(43) Publication Date : 09/01/2015

(51) International classification	:H04L12/46	(71)Name of Applicant :
(31) Priority Document No	:61/427694	1)CITRIX SYSTEMS INC.
(32) Priority Date	:28/12/2010	Address of Applicant :851 West Cypress Creek Road Fort
(33) Name of priority country	:U.S.A.	Lauderdale FL 33309 U.S.A.
(86) International Application No	:PCT/US2011/067370	(72)Name of Inventor :
Filing Date	:27/12/2011	1)GOEL Deepak
(87) International Publication No	:WO 2012/092262	2)KURMA Jyotheesh
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

### (54) Title of the invention : SYSTEMS AND METHODS FOR VLAN TAGGING VIA CLOUD BRIDGE

(57) Abstract :

The present disclosure is directed to systems and methods for supporting multiple virtual LANs (VLANs) via a single tunnel between intermediary devices. A first intermediary device of a first data center on a first network receives from a second intermediary device of a second data center on a second network an encapsulated packet via a tunnel established between the first intermediary device and the second intermediary device the first intermediary device comprising a plurality of network interfaces each network interface of the plurality of network interfaces interfacing to a corresponding virtual LAN (VLAN) network of a plurality of VLAN networks. The first intermediary device detects that the encapsulated packet has been tagged with virtual LAN (VLAN) information by the second intermediary device. The first intermediary device identifies from the VLAN information a VLAN network of the plurality of VLAN networks. The first intermediary device transmits a packet of the encapsulated packet via the network interface corresponding to the identified VLAN network.

No. of Pages : 133 No. of Claims : 20

(19) INDIA

(22) Date of filing of Application :20/08/2013

(43) Publication Date : 09/01/2015

### (54) Title of the invention : YEAST STRAIN FOR THE PRODUCTION OF PROTEINS WITH MODIFIED O GLYCOSYLATION

<ul> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application <ul> <li>Number</li> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application Number</li> </ul>	:A61K39/00 :61/446846 :25/02/2011 :U.S.A. :PCT/US2012/025809 :20/02/2012 :WO 2012/115903 :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)MERCK SHARP &amp; DOHME CORP. Address of Applicant :126 East Lincoln Avenue Rahway New Jersey 07065 0907 U.S.A.</li> <li>(72)Name of Inventor :</li> <li>1)BOBROWICZ Piotri</li> <li>2)COOK William J.</li> <li>3)HAMILTON Stephen</li> <li>4)NETT Juergen</li> <li>5)STADHEIM Terrance A.</li> <li>6)WILDT Stefan</li> </ul>
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(57) Abstract :

Lower eukaryotic host cells have been recombinantly engineered to produce glycoprotein having human like O glycosylation. The glycoproteins are useful for the production of glycoprotein compositions with advantages for the production of human therapeutics.

No. of Pages : 149 No. of Claims : 20

(22) Date of filing of Application :01/08/2012

(43) Publication Date : 09/01/2015

### (54) Title of the invention : METHOD AND APPARATUS FOR ANNEALING GLASS PLATE

Application No     :02/02/2011       Filing Date     :NA       (87) International     :NA       Publication No     :NA       (61) Patent of Addition to     :NA       Application Number     :NA       Filing Date     :NA       (62) Divisional to     :NA       Application Number     :NA       Filing Date     :NA	<ul> <li>(87) International</li> <li>Publication No</li> <li>(61) Patent of Addition to</li> <li>Application Number</li> <li>Filing Date</li> <li>(62) Divisional to</li> </ul>	:03/02/2010 :Japan :PCT/JP2011/052173 :02/02/2011 : NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)ASAHI GLASS COMPANY LIMITED Address of Applicant :5-1 Marunouchi 1-chome Chiyoda-ku Tokyo 100-8405 Japan.</li> <li>(72)Name of Inventor :</li> <li>1)Hiroshi Yamakawa</li> <li>2)Akira Sugahara</li> <li>3)Yasumasa Kato</li> </ul>
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### (57) Abstract :

A method and an apparatus for annealing a glass sheet which can sufficiently reduce I/T formed in the glass sheet are provided. In the method for annealing a glass sheet G of the present invention in a state that a heated and bent glass sheet G is placed on a forming mold 16 first a region of the glass sheet G to be lifted up is cooled by cooling devices 20 22 to make the temperature of the region to be lifted up to be a temperature of at most the strain point. Next in this state a lift-up member 36 is operated to lift up the region of the glass sheet G to be lifted up by rods 38 38 ... to separate the glass sheet G from the forming mold 16.

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

(22) Date of filing of Application :03/06/2013

### (54) Title of the invention : SUBSTITUTED 1 BENZYLCYCLOALKYLCARBOXLIC ACIDS AND USE THEREOF

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application <ul> <li>Number</li> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application Number <ul> <li>Filing Date</li> </ul> </li> </ul>	:C07C233/24 :10 2010 062 544.2 :07/12/2010 :Germany :PCT/EP2011/071747 :05/12/2011 :WO 2012/076466 :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)BAYER INTELLECTUAL PROPERTY GMBH Address of Applicant :Alfred Nobel Strasse 10 40789</li> <li>Monheim Germany</li> <li>(72)Name of Inventor : <ol> <li>LAMPE Thomas</li> <li>HAHN Michael G.</li> <li>STASCH Johannes Peter</li> <li>SCHLEMMER Karl Heinz</li> <li>WUNDER Frank</li> <li>EL SHEIKH Sherif</li> <li>LI Volkhart Min Jian</li> <li>BECKER Eva Maria</li> <li>STOLL Friederike</li> <li>NKORR Andreas</li> <li>KOLKHOF Peter</li> <li>WOLTERING Elisabeth</li> </ol> </li> </ul>
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### (57) Abstract :

The present application relates to novel substituted 1 benzylcycloalkylcarboxylic acid derivatives to processes for preparation thereof to the use thereof for treatment and/or prevention of disorders and to the use thereof for production of medicaments for treatment and/or prevention of disorders especially for treatment and/or prevention of cardiovascular disorders.

No. of Pages : 281 No. of Claims : 10

### (19) INDIA

(22) Date of filing of Application :25/06/2013

### (43) Publication Date : 09/01/2015

### (54) Title of the invention : COMBING MACHINE

(31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication	)/10 1/2010	<ul> <li>(71)Name of Applicant :</li> <li>1)MASCHINENFABRIK RIETER AG Address of Applicant :Klosterstrasse 20 CH 8406 Winterthur Switzerland</li> <li>(72)Name of Inventor :</li> <li>1)BOMMER Daniel</li> <li>2)PEULEN Jacques</li> </ul>
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(57) Abstract :

The invention relates to a combing machine (1) having a plurality of combing points (K1 K8) wherein the slivers (F) which are formed at the individual combing points are fed via guide elements (T 3) to a drawing frame unit (SE) and the fibre fleece (V) which is discharged from the drawing frame unit is combined via a fleece gathering means to form a sliver (F1) which is discharged onto a driven transport means (TB) which transfers the sliver to a delivery point (UB) at which the sliver (F1) is deflected and is discharged in the vertical direction downwards to a sliver lay (BA). In order to avoid a sliver break in the region of the delivery point to a sliver lay even at high transport speeds it is proposed in order to increase the adhesive force of the sliver to provide a calender roll pair (18) which is connected to a drive (AT) between the fleece gathering means (4 14 44) and the transport means (TB) wherein lateral guides (S1 S2) for the sliver (F1) which is guided through the nip point (KP) are arranged in the region of the nip point (KP) of the calender roll pair.

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

### (19) INDIA

(22) Date of filing of Application :15/11/2013

(43) Publication Date : 09/01/2015

#### (54) Title of the invention : SEAT STRUCTURE FOR VEHICLE OF UNEQUAL DIVISION TYPE (51) International classification :B60R (71)Name of Applicant : 1)SUZUKI MOTOR CORPORATION :2012-(31) Priority Document No Address of Applicant :300. Takatsuka-cho. Minami-ku. 271342 :12/12/2012 Hamamatsu-shi, Shizuoka-ken, Japan (32) Priority Date 2)MARUTI SUZUKI INDIA LIMITED (33) Name of priority country :Japan (72)Name of Inventor : (86) International Application No :NA Filing Date :NA 1)Rajesh PAL (87) 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 :

[Problems] To provide a seat structure for a vehicle of an unequal division type in which the number of components can be reduced, supporting strength for a seat for a vehicle and a child seat can be increased, and a curtain airbag can be smoothly expanded. [Means for Solving] In a seat structure for a vehicle of an unequal division type including two seatbacks adjacent to each other, a center hinge configured to pivotably support the two seatbacks, anchorages for attaching a child seat, and a supporting member arranged along the vehicle width direction below one seatback, a floor supporting body of the center hinge includes a bottom portion attached to a vehicle body floor and two side portions standing from the bottom portion apart from each other in the vehicle width direction, the two side portions respectively pivotably support the two seatbacks, the supporting member pierces through the two side portions of the floor supporting body, and the anchorage is attached to the supporting member between the two side portions.

No. of Pages : 21 No. of Claims : 3

(19) INDIA

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

(43) Publication Date : 09/01/2015

(54) Title of the invention : DNA AND/OR RNA DETERMINATION FROM UV-VIS SPECTROPHOTOMETER DATA			
<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No <ul> <li>Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> </ul> </li> <li>Number <ul> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application Number <ul> <li>Filing Date</li> </ul> </li> </ul>	:G01N21/33 :61/447941 :01/03/2011 :U.S.A. :PCT/EP2012/053481 :29/02/2012 :WO 2012/117036 :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)TRINEAN NV</li> <li>Address of Applicant :Dulle Grietlaan 17bus3 B 9050</li> <li>Gentbrugge Belgium</li> </ul>	

(57) Abstract :

A method for analyzing UV VIS spectrophotometer data of a sample comprising at DNA and/or RNA is described. The method comprises receiving UV VIS spectrophotometer data fitting the UV VIS spectrometer data taking into account at least one spectrum representative for a base pair being any of more of adenine thymine (AT) or guanine cytosine (GC) or adenine uracil and deriving from the fitting a quantification of an amount of DNA and/or RNA.

No. of Pages : 50 No. of Claims : 22

(22) Date of filing of Application :31/10/2013

### (43) Publication Date : 09/01/2015

(54) Title of the invention : SEAT LOCK APPARA	ATUS	
	:E05B	(71)Name of Applicant :
(51) International classification	17/00	1)MITSUI KINZOKU ACT CORPORATION
(31) Priority Document No	:2012-	Address of Applicant :1-1-2 TAKASHIMA, NISHI-KU,
	241040	YOKOHAMA-SHI, KANAGAWA 220-0011 Japan
(32) Priority Date		(72)Name of Inventor :
(33) Name of priority country	:Japan	1)SETO, NAOYA
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

### (57) Abstract :

A seat lock apparatus includes a guide lever having a waiting hook engagement portion and a striker abutment portion and a hook having a guide engagement portion which, when the hook reaches a waiting position which lies further in a striker releasing direction than a striker releasing position, engages with the waiting hook engagement portion to hold the hook in the waiting position and is disengaged from the waiting hook engagement portion so that the hook restrains the striker. The guide lever has a halfway hook engagement portion which, when the hook is in a halfway position between the releasing position and a restraining position and the striker is not in a position to be restrained by the hook, engages with the guide engagement portion to hold the hook in the halfway position.

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

(22) Date of filing of Application :28/06/2013

(43) Publication Date : 09/01/2015

### (54) Title of the invention : AMINO SUBSTITUTED 3 HETEROAROYLAMINO PROPIONIC ACID DERIVATIVES AND THEIR USE AS PHARMACEUTICALS

(51) International classification	:C07D231/14,C07D275/03	(71)Name of Applicant :
(31) Priority Document No	:11305077.7	1)SANOFI
(32) Priority Date	:26/01/2011	Address of Applicant :54 rue La Botie F 75008 Paris France
(33) Name of priority country	:EPO	(72)Name of Inventor :
(86) International Application No	:PCT/EP2012/051191	1)RUF Sven
Filing Date	:26/01/2012	2)SADOWSKI Thorsten
(87) International Publication No	:WO 2012/101199	3)HORSTICK Georg
(61) Patent of Addition to Application	:NA	4)SCHREUDER Herman
Number	:NA :NA	5)BUNING Christian
Filing Date	.INA	6)OLPP Thomas
(62) Divisional to Application Number	r :NA	7)WIRTH Klaus
Filing Date	:NA	

### (57) Abstract :

The present invention relates to compounds of the formula (I) wherein A D E G R R R R R R and R have the meanings indicated in the claims which are valuable pharmaceutical active compounds. They are inhibitors of the protease cathepsin A and are useful for the treatment of diseases such as atherosclerosis heart failure renal diseases liver diseases or inflammatory diseases for example. The invention furthermore relates to processes for the preparation of the compounds of the formula I their use and pharmaceutical compositions comprising them.

No. of Pages : 118 No. of Claims : 14

(19) INDIA

(22) Date of filing of Application :18/11/2013

(43) Publication Date : 09/01/2015

(54) Title of the invention : METHOD FOR GAS PURIFICATION AND GAS PURIFICATION PLANT			
(51) International classification	:B01D 53/00	(71)Name of Applicant :	
(31) Priority Document No	:102012023333.7	1)LINDE AKTIENGESELLSCHAFT	
(32) Priority Date	:29/11/2012	Address of Applicant :KLOSTERHOFSTR. 1, 80331	
(33) Name of priority country	:Germany	MUNCHEN Germany	
(86) International Application No	:NA	(72)Name of Inventor :	
Filing Date	:NA	1)ILARIA, CIATTAGLIA	
(87) International Publication No	: NA	2)ULVI, KERESTECIOGLU	
(61) Patent of Addition to Application Number	:NA	3)ALEXANDER, BRANDL	
Filing Date	:NA		
(62) Divisional to Application Number	:NA		
Filing Date	:NA		

(57) Abstract :

Method for gas purification and gas purification plant The invention relates to a method for purifying a gas mixture (F) which comprises wanted and unwanted gaseous components, wherein the unwanted gaseous components are removed from the gas mixture by scrubbing under pressure with a liquid scrubbing medium, in particular cold methanol, whereby at least one scrubbing liquid is obtained, and wherein wanted gaseous components which likewise in part pass over into the scrubbing liquid during scrubbing are recovered by expansion of the scrubbing liquid and desorption. At least one expansion machine (X1, X2) is used for expansion of the at least one scrubbing liquid. The invention likewise provides a plant which is configured for carrying out a corresponding method.

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

(22) Date of filing of Application :05/07/2013

### (43) Publication Date : 09/01/2015

### (54) Title of the invention : COMPOSITIONS FOR SEPARATION METHODS

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No</li> <li>Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> </ul>	:C07K1/34,C07K17/02,C07K19/00 :61/421669 :10/12/2010 :U.S.A. :PCT/IB2011/055564 :09/12/2011 :WO 2012/077080 :NA :NA	<ul> <li>(71)Name of Applicant : <ol> <li>THOMPSON Tracy</li> <li>Address of Applicant :11 Alan Street Palmerston North New</li> </ol> </li> <li>Zealand <ol> <li>REHM Bernd Helmut Adam</li> <li>HERBERT Andrew Brian</li> <li>SARAVOLAC Edward George</li> </ol> </li> <li>(72)Name of Inventor : <ol> <li>THOMPSON Tracy</li> <li>REHM Bernd Helmut Adam</li> <li>HERBERT Andrew Brian</li> <li>SARAVOLAC Edward George</li> </ol> </li> </ul>
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

This invention relates generally to the fields of separation and conversion technologies and more particularly to materials for use in tangential flow filtration techniques. The tangential flow materials are useful in a wide range of separation and conversion processes including those reliant on reverse osmosis microfiltration ultrafiltration or nanofiltration semipermeable filtration membranes and provide efficient methods for purifying or producing various target substances including biopolymer particles for use in tangential flow filtration.

No. of Pages : 116 No. of Claims : 52

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

### (54) Title of the invention : N-(1,3,4-OXADIAZOL-2-YL)ARYLCARBOXAMIDES AND USE THEREOF AS HERBICIDES

(51) International classification	:C07D413/04,C07D413/12,C07D413/14	1)BAYER INTELLECTUAL PROPERTY GMBH
(31) Priority Document No	:11159115.2	Address of Applicant :Alfred Nobel Strasse 10 40789 Monheim Germany
(32) Priority Date	:22/03/2011	(72)Name of Inventor :
(33) Name of priority country	:EPO	1)K–HN Arnim 2)AHRENS Hartmut
(86) International Application No Filing Date	:PCT/EP2012/054965 :21/03/2012	3)BRAUN Ralf 4)D–RNER RIEPING Simon 5)LEHR Stefan
(87) International Publication No	:WO 2012/126932	6)HEINEMANN Ines 7)H,,USER HAHN Isolde
(61) Patent of Addition to Application Number Filing Date	) :NA :NA	8)GATZWEILER Elmar 9)ROSINGER Christoper Hugh
(62) Divisional to Application Number Filing Date	:NA :NA	
(57) Abstract ·		

(57) Abstract :

N (1 3 4 Oxadiazol 2 yl)arylcarboxamides of the general formula (I) are described as herbicides. In this formula (I) A is nitrogen or CY. R X Y and Z are each radicals such as hydrogen organic radicals such as alkyl and other radicals such as halogen.

No. of Pages : 173 No. of Claims : 12

### (22) Date of filing of Application :14/06/2013

### (43) Publication Date : 09/01/2015

### (54) Title of the invention : TECHNIQUES FOR ELECTRONIC AGGREGATION OF INFORMATION

(57) Abstract :

Techniques for an electronic montage system are described. An apparatus may comprise a logic device arranged to execute a montage application comprising an authoring component operative to provide a presentation surface having multiple presentation tiles receive control directives to associate content files with presentation tiles generate tile objects for the content files based on content file types for the content files and store the presentation surface and tile objects as a montage. Other embodiments are described and claimed.

No. of Pages : 55 No. of Claims : 15

(22) Date of filing of Application :02/07/2013

(43) Publication Date : 09/01/2015

(54) Title of the invention : DOUBLE STRANDED OLIGONUCLEOTIDE COMPOUNDS COMPRISING THREOSE MODIFICATIONS

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application <ul> <li>Number</li> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application Number <ul> <li>Filing Date</li> </ul> </li> </ul>	:61/419910 :06/12/2010 :U.S.A.	<ul> <li>(71)Name of Applicant :</li> <li>1)QUARK PHARMACEUTICALS INC. Address of Applicant :6501 Dumbarton Circle Fremont California 94555 U.S.A.</li> <li>(72)Name of Inventor :</li> <li>1)AVKIN NACHUM Sharon</li> <li>2)FEINSTEIN Elena</li> <li>3)BEIGELMAN Leonid</li> </ul>
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(57) Abstract :

Disclosed herein are double stranded RNA molecules which have been modified to exhibit one of the following increased activity enhanced nuclease stability reduced off target activity and or reduced immunogenicity to pharmaceutical compositions comprising such compounds and to methods of use. Further disclosed is a method for the synthesis of threose nucleic acid phosphoramidites and methods of use thereof.

No. of Pages : 145 No. of Claims : 71

(22) Date of filing of Application :15/11/2013

(43) Publication Date : 09/01/2015

## (54) Title of the invention : MONITORING AND MANAGING PROCESSOR ACTIVITY IN POWER SAVE MODE OF PORTABLE ELECTRONIC DEVICE

<ul> <li>(51) International classification</li> <li>:G06F</li> <li>(31) Priority Document No</li> <li>:13/678,858</li> <li>(32) Priority Date</li> <li>:16/11/2012</li> <li>(33) Name of priority country</li> <li>:U.S.A.</li> <li>(86) International Application No</li> <li>Filing Date</li> <li>:NA</li> <li>(87) International Publication No</li> <li>:NA</li> <li>(61) Patent of Addition to Application Number</li> <li>Filing Date</li> <li>:NA</li> <li>(62) Divisional to Application Number</li> <li>Filing Date</li> <li>:NA</li> </ul>	
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(57) Abstract :

An electronic device and a method operative therein monitor automatic wakeup events that occur during a power save mode. Wakeup events are monitored for respective applications executable within the electronic device. Applications with processing activity during the power save mode are then listed, on the basis of at least the monitored wakeup events. An indication of which apps are consuming battery power during the power save mode can then be obtained

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

### (19) INDIA

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

(43) Publication Date : 09/01/2015

### (54) Title of the invention : ELECTROMAGNETIC VALVE DEVICE FOR HIGH-PRESSURE FLUID

(51) International classification	:H02K 7/00	(71)Name of Applicant :
(31) Priority Document No	:2012-	1)DENSO CORPORATION
(51) Thomy Document No	258241	Address of Applicant :1-1, SHOWA-CHO, KARIYA-CITY,
(32) Priority Date	:27/11/2012	AICHI-PREF. 448-8661 Japan
(33) Name of priority country	:Japan	(72)Name of Inventor :
(86) International Application No	:NA	1)ISHIBASHI, RYO
Filing Date	:NA	2)TAKAGI, AKIRA
(87) 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 movable core (30) sliding in a guide portion (20) includes a small outer-diameter part (301), a large outer-diameter part (302), and a protrusion part (303). When a magnetic circuit is generated by energizing a coil (41), a magnetic attractive force inclining with respect to a center axis (cp) of the guide portion (20) is generated between the guide portion (20) and the movable core (30), and moves the movable core (30) towards a stator core (35). Then, a sliding portion (33), which is provided over the whole periphery of the small outer-diameter part (301), and the protrusion part (303) of the movable core (30) are abutted on an inner peripheral surface of the guide portion (20), a clearance is generated between an outer peripheral surface of parts of the movable core (30) except the protrusion part (303) and the inner peripheral surface of the guide portion (20). Therefore, a magnetic attractive force generated in a direction perpendicular to the center axis (q>) becomes small, or a frictional resistance of the movable core (30) relative to the guide portion becomes small. Since the valve member can be opened by a small magnetic attractive force, a coil assembly (40) can be made small.

No. of Pages : 41 No. of Claims : 21

(19) INDIA

(22) Date of filing of Application :20/09/2013

### (43) Publication Date : 09/01/2015

(54) Title of the invention : BATTERY P	ACK SYSTEM	
<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:H01M10/04,H02J7/00 :61/453661 :17/03/2011	<ul> <li>(71)Name of Applicant :</li> <li>1)EV CHIP ENERGY LTD. Address of Applicant :7 Golda Meir Boulevard Science Park Ness Ziona 74036 Israel</li> <li>(72)Name of Inventor :</li> <li>1)GANOR Avraham</li> </ul>

(57) Abstract :

A source of environmental pollution is the burning of fuel by the transportation vehicles (e.g. cars trucks). The use of electric vehicles (EVs) is perceived as an essential step towards better utilization of energy. Current EVs make use of an electric engine and a battery pack that provides energy to that engine. The technology of electric engines is well developed because of the common use of such engines in trains submarines and industrial facilities. But while the battery packs used in EVs have made a lot of progress in the last couple of years these battery packs still have problems. These battery packs are expansive heavy and limited in the amount of energy that they can provide. This obstacle is a major factor that limits the use of EVs today in the mass market. Described herein is a switcher chip for use in interconnecting a set of cells comprising: a main negative terminal; a cascading negative terminal; a main positive terminal; a plurality of cell terminals; and a plurality of switches.

No. of Pages : 44 No. of Claims : 21

(19) INDIA

(22) Date of filing of Application :10/06/2013

(43) Publication Date : 09/01/2015

(54) Title of the invention : PYRIDAZINE DERIVATIVES COMPOSITIONS AND METHODS FOR TREATING COGNITIVE **IMPAIRMENT** 

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application <ul> <li>Number</li> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application Number</li> </ul>	:15/11/2011 :WO 2012/068161 :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)AGENEBIO INC. Address of Applicant :351 West 10th Street Indianapolis IN</li> <li>46202 U.S.A.</li> <li>(72)Name of Inventor :</li> <li>1)LOWE John A. III</li> </ul>
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

This invention relates to pyridazine derivatives compositions comprising therapeutically effective amounts of those pyridazine derivatives and methods of using those derivatives or compositions in treating central nervous system (CNS) disorders with cognitive impairment that are responsive to agonists of a5 subunit containing GABAA receptor age related cognitive impairment Mild Cognitive Impairment (MCI) dementia Alzheimer s Disease(AD) prodromal AD post traumatic stress disorder (PTSD) schizophrenia and cancer therapy related cognitive impairment.

No. of Pages : 129 No. of Claims : 75

(22) Date of filing of Application :12/08/2013

### (54) Title of the invention : CHROMAN SPIROCYCLIC PIPERIDINE AMIDES AS MODULATORS OF ION CHANNELS

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International</li> <li>Application No     <ul> <li>Filing Date</li> <li>(87) International</li> <li>Publication No</li> <li>(61) Patent of Addition t</li> <li>Application Number</li> <li>Filing Date</li> <li>(62) Divisional to</li> <li>Application Number</li> <li>Filing Date</li> </ul> </li> </ul>	:C0/D493/10,C0/D493/20,C0/D495/10 :61/444250 :18/02/2011 :U.S.A. :PCT/US2012/025374 :16/02/2012 :WO 2012/112743	<ul> <li>(71)Name of Applicant :</li> <li>1)VERTEX PHARMACEUTICALS INCORPORATED Address of Applicant :130 Waverly Street Cambridge MA</li> <li>(02139 U.S.A.</li> <li>(72)Name of Inventor :</li> <li>1)HADIDA RUAH Sara Sabina</li> <li>2)MILLER Mark Thomas</li> <li>3)KALLEL Edward Adam</li> <li>4)BEAR Brian Richard</li> <li>5)ARUMUGAM Vijayalaksmi</li> <li>6)DENINNO Michael Paul</li> <li>7)ZHOU Jinglan</li> <li>8)UY Johnny</li> <li>9)FRIEMAN Bryan A.</li> </ul>
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### (57) Abstract :

The invention relates to chroman spirocyclic piperidine amide derivatives useful as inhibitors of ion channels. The invention also provides pharmaceutically acceptable compositions comprising the compounds of the invention and methods of using the compositions in the treatment of various disorders.

No. of Pages : 218 No. of Claims : 76

(21) Application No.6595/CHENP/2012 A

(22) Date of filing of Application :26/07/2012

(43) Publication Date : 09/01/2015

(51) International classification	:G06F19/00,G06Q10/00	(71)Name of Applicant :
(31) Priority Document No	:61/301671	1)KONINKLIJKE PHILIPS ELECTRONICS N.V.
(32) Priority Date	:05/02/2010	Address of Applicant : GROENEWOUDSEWEG 1
(33) Name of priority country	:U.S.A.	EINDHOVEN 5621 BA NETHERLANDS
(86) International Application No	:PCT/IB2011/050070	2)THE UNIVERSITY OF CHICAGO
Filing Date	:07/01/2011	(72)Name of Inventor :
(87) International Publication No	:WO/2011/095900	1)STEPANIAK Christopher
(61) Patent of Addition to Application	:NA	2)MEINEL Lina Arbash
Number	.NA :NA	3)AL-HALLAQ Hania Abdulraouf
Filing Date	.NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

### (54) Title of the invention : TREATMENT PLAN CREATION WORKFLOW TRACKING

(57) Abstract :

A method for tracking creation of a treatment plan for a patient includes obtaining an input indicative of a state of a task in the treatment plan creation workflow and generating a signal indicative of a set of tasks of the treatment plan creation workflow including the state of the task corresponding to the received input. A system includes a processor (100) that generates a treatment plan for a patient based on a treatment plan creation workflow for the patient wherein the treatment plan creation workflow includes one or more tasks to be completed for generating the treatment plan and an apparatus (112 116 and/or 118) that presents a signal indicative of a state of a task one of the treatment plan or the one or more tasks.

No. of Pages : 18 No. of Claims : 27

(12) Date of filing of Application :20/11/2009

(43) Publication Date : 09/01/2015

# (54) Title of the invention : PLANT CELLS AND PLANTS WITH INCREASED TOLERANCE AND/OR RESISTANCE TO ENVIRONMENTAL STRESS AND INCREASED BIOMASS PRODUCTION-KO

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number <ul> <li>Filing Date</li> </ul> </li> </ul>	:C12N15/82,A01H5/00 :07108576.5 :22/05/2007 :EUROPEAN UNION :PCT/EP08/56091 :19/05/2008 :WO 2008/142036 A3 :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)BASF PLANT SCIENCE GMBH Address of Applicant :67056 LUDWIGSHAFEN., Germany</li> <li>(72)Name of Inventor :</li> <li>1)PUZIO, PIOTR</li> <li>2)BLASING, OLIVER</li> <li>3)THIMM, OLIVER</li> </ul>
Number		
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The invention relates generally to transformed plant cells and plants comprising an inactivated or down-regulated gene resulting in increased tolerance and/or resistance to environmental stress and increased biomass production as compared to non-transformed wild type cells and methods of producing such plant cells or plants.

No. of Pages : 250 No. of Claims : 41

(19) INDIA

(22) Date of filing of Application :04/09/2013

### (54) Title of the invention : NITROGEN-CONTAINING SATURATED HETEROCYCLIC COMPOUND

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:2011038338 :16/03/2011 :Japan :PCT/JP2012/056750 :15/03/2012 :WO 2012/124775	<ul> <li>(71)Name of Applicant :</li> <li>1)MITSUBISHI TANABE PHARMA CORPORATION Address of Applicant :2 6 18 Kitahama Chuo ku Osaka shi Osaka 5418505 Japan</li> <li>2)SHANGHAI PHARMACEUTICALS HOLDING CO.</li> <li>LTD.</li> <li>(72)Name of Inventor :</li> <li>1)IIJIMA Toru</li> <li>2)SUGAMA Hiroshi</li> <li>3)KAWAGUCHI Takayuki</li> <li>4)SHEN Jingkang</li> <li>5)XIA Guangxin</li> <li>6)XIE Jianshu</li> </ul>
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#### (57) Abstract :

The present invention provides a nitrogen containing saturated heterocyclic compound that is useful as a renin inhibitor/antagonist. A compound represented by formula [I] or a pharmaceutically acceptable salt thereof. (In the formula R denotes a cycloalkyl group and the like R denotes an optionally substituted anyl group and the like R denotes a lower alkyl group and the like T denotes a carbonyl group Z denotes O and the like and R R R and R may be the same or different and each denote a hydrogen atom and the like.)

No. of Pages : 188 No. of Claims : 15

(22) Date of filing of Application :24/09/2013

### (54) Title of the invention : BRANCHED 3 PHENYLPROPIONIC ACID DERIVATIVES AND THE USE THEREOF

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority</li> <li>country</li> <li>(86) International</li> <li>Application No Filing Date</li> <li>(87) International</li> <li>Publication No</li> <li>(61) Patent of Addition to</li> </ul>	:13/04/2011 :Germany :PCT/EP2012/055474 :28/03/2012 :WO 2012/139888	Address of Applicant :Alfred Nobel Strasse 10 40789 Monheim Germany (72)Name of Inventor : 1)HAHN Michael 2)LAMPE Thomas 3)STASCH Johannes Peter 4)SCHLEMMER Karl Heinz 5)WUNDER Frank 6)LI Volkhart Min Jian
<ul> <li>(61) Patent of Addition to</li> <li>Application Number</li> <li>Filing Date</li> <li>(62) Divisional to</li> <li>Application Number</li> <li>Filing Date</li> </ul>	:NA :NA :NA	7)BECKER PELSTER Eva Maria 8)STOLL Friedericke 9)KNORR Andreas 10)WOLTERING Elisabeth

### (57) Abstract :

The invention relates to novel 3 phenylpropionic acid derivatives carrying a branched or cyclic alkyl substituent at the 3 position to methods for the production thereof to the use thereof for treating and/or preventing illnesses and to the use thereof for producing pharmaceuticals for treating and/or preventing illnesses in particular for treating and/or preventing cardiovascular diseases.

No. of Pages : 190 No. of Claims : 10

(22) Date of filing of Application :12/08/2011

(43) Publication Date : 09/01/2015

# (54) Title of the invention : METHOD AND APPARATUS FOR UPDATING SYSTEM INFORMATION IN BROAD BAND WIRELESS COMMUNICATION SYSTEM

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> </ul>	:H04W48/08 :61/157,561 :05/03/2009 :U.S.A.	<ul> <li>(71)Name of Applicant :</li> <li>1)LG ELECTRONICS INC. Address of Applicant :20, YEOUIDO-DONG, YEONGDEUNGPO-GU, SEOUL 150-721 Republic of Korea</li> </ul>
(86) International Application No Filing Date	:PC1/KR2010/001396 :05/03/2010	(72)Name of Inventor : 1)CHO, HEE-JEONG
(87) International Publication No	:WO 2010/101439 A2	, -,
(61) Patent of Addition to Application Number	:NA :NA	3)SUNG, DOO-HYUN 4)KIM, YONG-HO
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA	5)YUK, YOUNG-SOO

### (57) Abstract :

A method for updating system information in a broadband wireless communication system in which data is transmitted and received via a superframe, includes; receiving information from a base station by means of superframes including a primary superframe header (P-SFH) and a secondary superframe header (S-SFH), wherein the information including control information transmitted via an information element of the P-SFH (P-SFH IE) and system infrmation transmitted via at least one of information element of a subpacket (SP) of the S\_SFH (S\_SFH SP IE); decoding the P-SFh IE wherein the P-SFH IE including a scheduling information bitmap indicating a transmitted S-SFH SP IEs in the superframe, a change count (CC) of the S-SFH, and a SP change bitmap indication changing status of the S-SFH SP IEs comparing the received CC with a previously stored CC checking the S-SFH SP change bitmap, if there is difference between the received CC and the stored CC; and decoding and updating correspending SP IE of the S-SFH based on the checking result

No. of Pages : 42 No. of Claims : 15

(21) Application No.6261/CHENP/2013 A

(22) Date of filing of Application :02/08/2013

(43) Publication Date : 09/01/2015

### (54) Title of the invention : DEVICE FOR ROCK AND CONCRETE MACHINING

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application N</li> </ul>		1)ATLAS COPCO ROCK DRILLS AB Address of Applicant :S 70191 –rebro Sweden (72)Name of Inventor :
<ul> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> </ul>	:03/04/2012	1)PETTERSSON Maria
(62) Divisional to Application Number Filing Date	:NA :NA	

### (57) Abstract :

The invention concerns a hydraulic striking tool for application in rock and/or concrete cutting equipment containing a machine housing (100;200) with a cylinder (115;215) with a moveably mounted piston (145;245) which during operation performs a repetitive forward and backward movement relative to the machine housing (100;200) and directly or indirectly strike a rock and/or concrete cutting tool (155;255) and where the piston (145;245) includes a driving part (165;265) which separates a first (120;220) and a second (105;221) driving chamber formed between the piston (145;245) and the machine housing (100;200) and where these driving chambers are arranged to include a pressurised working fluid during operation. The total volume V of the first and second driving chambers is inversely proportional dimensioned to the square of a for the striking tool recommended maximal pressure p as well as proportional by a proportionality constant k within the interval 5.3 21.0 to the product of the pistons energy E during the strike against the tool and compression module of the working fluid.

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

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

(43) Publication Date : 09/01/2015

### (54) Title of the invention : BIS(FLUOROALKYL)-1,4-BENZODIAZEPINONE COMPOUNDS

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition the Application Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:C07D243/24,A61K31/5513,A61P35/00 :61/466238 :22/03/2011 :U.S.A. :PCT/US2012/030021 :22/03/2012 :WO 2012/129353 <sup>0</sup> :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)BRISTOL MYERS SQUIBB COMPANY Address of Applicant :P.O. Box 4000 Route 206 and ProvinceLine Road Princeton New Jersey 08543 4000 U.S.A.</li> <li>(72)Name of Inventor :</li> <li>1)QUESNELLE Claude</li> <li>2)KIM Soong Hoon</li> <li>3)LEE Francis</li> <li>4)GAVAI Ashvinikumar</li> </ul>
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(57) Abstract :

Disclosed are compounds of Formula (I) or prodrugs thereof; wherein: R is CHCF or CHCHCF; R is CHCF CHCHCF or CHCHCF; R is H or CH; each R is independently F Cl CN OCH and/or NHCHCHOCH; and z is zero 1 or 2. Also disclosed are methods of using such compounds to inhibit the Notch receptor and pharmaceutical compositions comprising such compounds. These compounds are useful in treating preventing or slowing the progression of diseases or disorders in a variety of therapeutic areas such as cancer.

No. of Pages : 145 No. of Claims : 14

(22) Date of filing of Application :07/09/2012

(43) Publication Date : 09/01/2015

#### HETEROGENEOUS NETWORK HANDOVERS (51) International classification :H04W48/18 (71)Name of Applicant : (31) Priority Document No 1)KONINKLIJKE PHILIPS ELECTRONICS N.V. :61/317993 (32) Priority Date Address of Applicant : GROENEWOUDSEWEG 1 :26/03/2010 (33) Name of priority country EINDHOVEN 5621 BA NETHERLANDS :U.S.A. (86) International Application No :PCT/IB2011/050778 (72)Name of Inventor : Filing Date :24/02/2011 1)SOOMRO Amjad A. (87) International Publication No :WO/2011/117764 (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(54) Title of the invention : LINK ASSESSMENT BEFORE TERMINATING ALTERNATE CONNECTION DURING

### (57) Abstract :

When providing wireless communication capability for patient monitoring devices (PMDs) (12) in a hospital environment the quality of a newly established wireless link is evaluated to ascertain that it is meeting quality thresholds before dropping a previous wireless link. A plurality of new links iteratively can be established and their quality assessed if previous new network link quality does not meet required quality thresholds until a new link is established that has a quality equal to or greater than the predetermined threshold level. Optionally two or more links may be maintained that have signal qualities above the predetermined threshold in order to provide link redundancy for highly sensitive patient monitoring applications such as a link between a critical patients PMD and a nurses station to ensure communication there between. In this manner autonomous generation of link quality assessment reports for use by the other communicating entity or entities is facilitated.

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

(19) INDIA

(22) Date of filing of Application :02/05/2013

(43) Publication Date : 09/01/2015

(54) Title of the invention : IMPROVED DYE SENSITIZED SOLAR CELL AND A METHOD FOR MANUFACTURE		
<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number <ul> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application Number <ul> <li>Filing Date</li> </ul> </li> </ul>	:H01G9/20,H01L51/00 :61/390780 :07/10/2010 :U.S.A. :PCT/EP2011/067603 :07/10/2011 :WO 2012/045881 :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)NLAB SOLAR AB <ul> <li>Address of Applicant :P.O. Box 8144 SE 104 20 Stockholm</li> </ul> </li> <li>Sweden <ul> <li>(72)Name of Inventor :</li> <li>1)LINDSTR-M Henrik</li> </ul> </li> <li>2)FILI Giovanni</li> </ul>

(57) Abstract :

A method for producing a Dye Sensitized Solar cell (DSC) comprising a substrate a working electrode a back contact for extracting photo generated electrons an electrolyte and a counter electrode where the back contact and/ or the counter electrode is formed by a porous conductive powder layer PCPL. The PCPL is prepared by the following steps: a. powder preparation; b. powder ink preparation; c. powder ink deposition; d. powder layer heating; e. powder layer compaction; and f. powder layer after treatment.

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

(22) Date of filing of Application :02/05/2013

(43) Publication Date : 09/01/2015

### (54) Title of the invention : FLUID COMPOSITION COMPRISING GLASS MICROSPHERES AND METHOD OF MAKING AND USING THE SAME

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application <ul> <li>Number</li> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application Number <ul> <li>Filing Date</li> </ul> </li> </ul>	:61/409762 :03/11/2010 :U.S.A.	<ul> <li>(71)Name of Applicant :</li> <li>1)3M INNOVATIVE PROPERTIES COMPANY Address of Applicant :3M Center Post Office Box 33427 Saint Paul Minnesota 55133 3427 U.S.A.</li> <li>(72)Name of Inventor :</li> <li>1)AMOS Stephen E.</li> <li>2)DSOUZA Andrew S.</li> <li>3)MATA Clara E.</li> </ul>
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### (57) Abstract :

There is provided aqueous fluids comprising a mixture of at least two polysaccharides water and glass microspheres having pacified surfaces. There is also provided a method for making a fluid the method comprising (a) selecting a plurality of glass microspheres having alkaline surfaces; (b) coating the surfaces of the plurality of glass microspheres with an acid; and (c) combining the coated glass microspheres with (i) a mixture comprising at least two cross linkable polysaccharides and (ii) water. The fluids are useful for example as a drilling fluid.

No. of Pages : 16 No. of Claims : 23

(22) Date of filing of Application :31/05/2013

(43) Publication Date : 09/01/2015

## (54) Title of the invention : METHOD FOR MANUFACTURING AN INSECTICIDAL MONOFILAMENT USING A MASTER BATCH OF INSECTICIDE

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application</li> <li>No <ul> <li>Filing Date</li> <li>(87) International Publication</li> <li>No</li> <li>(61) Patent of Addition to</li> </ul> </li> <li>Application Number <ul> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application</li> <li>Number</li> </ul>	:PCT/KR2011/008104 :28/10/2011 :WO 2012/070778 :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)KWON Young tak Address of Applicant :#666 2Gotan ri Seongsan myeon Goryeong gun Gyeongbuk 717 811 Republic of Korea (72)Name of Inventor :</li> <li>1)KWON Young tak</li> </ul>
Filing Date	:NA	

### (57) Abstract :

The present invention relates to a method for manufacturing an insecticidal monofilament comprising: liquefying a powdered insecticide having a low melting point for example liquefying delta methylene using a dissolving solution; mixing the liquefied insecticide into porous silica and enabling the insecticide to permeate the nanopores; drying the porous silica; disintegrating the dried porous silica into particles of the same or similar size as the original size; and forming a master batch (MB) of insecticide by mixing many compounds including low density polyethylene (LDPE) the main ingredient. Specifically in order to prevent an insecticide having a low melting point from melting porous silica or the like having good heat resistance and a very large specific surface area is mixed to form a master batch of low density polyethylene (LDPE) in chip form having a melting point elevated to around 1 000°C so as to impart an insecticidal function thereto.

No. of Pages : 23 No. of Claims : 1

(19) INDIA(22) Date of filing of Application :08/07/2013

(43) Publication Date : 09/01/2015

### (54) Title of the invention : MINERALOCORTICOID RECEPTOR ANTAGONISTS

		(71)Name of Applicant :
(51) International classification	:C07D209/08,C07D209/10,C07D231/56	1)MERCK SHARP & DOHME CORP. Address of Applicant :126 East Lincoln Avenue Rahway New Jersey 07065 0907 U.S.A.
(31) Priority Document No	:61/434543	(72)Name of Inventor : 1)CRESPO Alejandro
(32) Priority Date	:20/01/2011	2)LAN Ping
(33) Name of priority country	:U.S.A.	3)MAL Rudrajit 4)OGAWA Anthony
(86) International Application No Filing Date	:PCT/CN2012/070597 :19/01/2012	5)SHEN Hong 6)SINCLAIR Peter J. 7)SUN Zhongxiang
(87) International Publication No	:WO 2012/097744	8)BUNTE Ellen K. Vande 9)WU Zhicai
(61) Patent of Addition to Application Number Filing Date	):NA :NA	10)LIU Kun 11)DEVITA Robert J. 12)SHEN Dong Ming
(62) Divisional to Application Number Filing Date	:NA :NA	13)SHU Min 14)TAN John Qiang 15)QI Changhe
		16)WANG Yuguang 17)BERESIS Richard

(57) Abstract :

Disclosed are the compounds of the Formula (I) as well as pharmaceutically acceptable salts thereof which are useful for treating aldosterone mediated diseases. The processes for preparing compounds of the Formula (I) the use for the therapy and prophylaxis of the abovementioned diseases and for preparing pharmaceuticals for this purpose and the pharmaceutical compositions which comprise compounds of the formula (I) are disclosed too.

No. of Pages : 185 No. of Claims : 17

(22) Date of filing of Application :26/09/2013

### (43) Publication Date : 09/01/2015

# (54) Title of the invention : (ALPHA-SUBSTITUTED ARALKYLAMINO AND HETEROARYLALKYLAMINO) PYRIMIDINYL AND 1,3,5-TRIAZINYL BENZIMIDAZOLES, PHARMACEUTICAL COMPOSITIONS CONTAINING THEM AND THESE COMPOUNDS FOR USE IN TREATING PROLIFERATIVE DISEASES

(51) International classification	:C07D401/04,C07D403/04,C07D403/14	(71)Name of Applicant : 1)MEI PHARMA INC.
(31) Priority Document No	:61/468502	Address of Applicant :11975 El Camino Real Suite 101 San Diego CA 92130 U.S.A.
(32) Priority Date	:28/03/2011	(72)Name of Inventor :
(33) Name of priority country	:U.S.A.	1)BROWN S. David 2)MATTHEWS David J.
(86) International Application No Filing Date	:PCT/US2012/030640 :27/03/2012	
Publication No	:WO 2012/135160	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Provided herein are (alpha substituted aralkylamino or heteroarylalkylamino) pyrimidinyl and 1 3 5 triazinyl benzimidazoles e.g. a compound of Formula I and their pharmaceutical compositions preparation and use as agents or drugs for treating proliferative diseases.

No. of Pages : 266 No. of Claims : 127

(19) INDIA

(22) Date of filing of Application :24/05/2013

(43) Publication Date : 09/01/2015

(51) International classification	:F04D7/02,F04D13/00	(71)Name of Applicant :
(31) Priority Document No	:2010242924	1)AIR WATER INC.
(32) Priority Date	:29/10/2010	Address of Applicant :2 Kita 3 jo Nishi 1 chome Chuo ku
(33) Name of priority country	:Japan	Sapporo shi Hokkaido 0600003 Japan
(86) International Application No	:PCT/JP2011/071545	(72)Name of Inventor :
Filing Date	:14/09/2011	1)JOHCHI Taketo
(87) International Publication No	:WO 2012/056832	2)KUNITANI Shingo
(61) Patent of Addition to Application	:NA	3)YOSHINO Akira
Number	:NA :NA	
Filing Date	.NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(57) Alestropt		1

### (54) Title of the invention : PUMP FOR CRYOGENIC LIQUEFIED GAS

(57) Abstract :

Provided is a pump for cryogenic liquefied gas which is capable of shortening pre cooling time reduces the loss of cryogenic liquefied gas has high pump efficiency and is cost effective. Disclosed is a pump for cryogenic liquefied gas wherein a motor (1) and an impeller (2) are coupled with each other by a shaft (3) transmitting rotary drive therebetween so arranged that the motor (1) is on the upper side and the impeller (2) is on the lower side and exist in an enclosed space (14) introducing cryogenic liquefied gas in communication with each other a heat adjustment portion (11) for holding the motor (1) and the impeller (2) in a gas phase and a liquid phase of the cryogenic liquefied gas respectively is provided between the motor (1) and the impeller (2). Thus the motor (1) is not immersed in a liquid the pre cooling time can be significantly shortened the loss amount of gasification of the cryogenic liquefied gas can be reduced and the motor (1) itself can be constructed of relatively inexpensive materials.

No. of Pages : 49 No. of Claims : 5

(21) Application No.6181/CHENP/2013 A

(22) Date of filing of Application :31/07/2013

(43) Publication Date : 09/01/2015

### (54) Title of the invention : RUBBER COMPOSITION AND PNEUMATIC TIRE

<ul> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No</li> <li>Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to</li> <li>Application Number Filing Date</li> <li>(62) Divisional to Application</li> </ul>	:C08L15/00,B60C1/00,C08C19/22 :2011068588 :25/03/2011 :Japan :PCT/JP2012/057498 :23/03/2012 :WO 2012/133177 :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)SUMITOMO RUBBER INDUSTRIES LTD. Address of Applicant :6 9 Wakinohama cho 3 chome Chuo ku Kobe shi Hyogo 6510072 Japan</li> <li>(72)Name of Inventor :</li> <li>1)IMOTO Yoji</li> <li>2)UESAKA Kenichi</li> <li>3)TAGUCHI Takafumi</li> <li>4)OMURA Naoya</li> <li>5)KUNISAWA Tetsuya</li> <li>6)YAMAUCHI Satomi</li> </ul>
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(57) Abstract :

The present invention provides: a rubber composition which is capable of improving the fuel consumption saving wet grip performance wear resistance and processability in a well balanced manner; and a pneumatic tire which uses the rubber composition. The present invention relates to a rubber composition which contains a rubber component silica and a compound represented by formula (1). The content of a conjugated diene polymer which has a constituent unit based on a conjugated diene and a constituent unit represented by formula (I) and at least one end of which is modified by a specific compound in 100% by mass of the rubber component is 5% by mass or more. The rubber composition contains 5 150 parts by mass of the silica per 100 parts by mass of the rubber component.

No. of Pages : 183 No. of Claims : 19

# (19) INDIA(22) Date of filing of Application :03/10/2013

(43) Publication Date : 09/01/2015

### (54) Title of the invention : MACROCYCLIC COMPOUNDS AND METHODS FOR THEIR PRODUCTION

classification         :C0/K5/06,C0/D231/54,A61P31/12           (31) Priority Document No         :1105293.3           (32) Priority Date         :29/03/2011	<ul> <li>(71)Name of Applicant :</li> <li>1)NEUROVIVE PHARMACEUTICAL AB Address of Applicant :Medicon Village Scheelevgen 2 223 81 Lund Sweden</li> <li>(72)Name of Inventor :</li> <li>1)MOSS Steven James</li> <li>2)GREGORY Matthew Alan</li> <li>3)WILKINSON Barrie</li> </ul>
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(57) Abstract :

inter aliaThere is provided compounds of formula (I): for use in treatment of viral infection or as an immunosuppressant.

No. of Pages : 118 No. of Claims : 25

(21) Application No.7990/CHENP/2013 A

(22) Date of filing of Application :03/10/2013

(43) Publication Date : 09/01/2015

### (54) Title of the invention : RUBBER COMPOSITION AND PNEUMATIC TIRE

<ul> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application</li> <li>No</li> <li>Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to</li> <li>Application Number</li> <li>Filing Date</li> <li>(62) Divisional to Application</li> </ul>	:NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)SUMITOMO RUBBER INDUSTRIES LTD. Address of Applicant :6 9 Wakinohama cho 3 chome Chuo ku Kobe shi Hyogo 6510072 Japan</li> <li>(72)Name of Inventor :</li> <li>1)TSUMORI Isamu</li> <li>2)UESAKA Kenichi</li> <li>3)OMURA Naoya</li> <li>4)KUNISAWA Tetsuya</li> <li>5)TANAKA Tatsuhiro</li> <li>6)NISHIOKA Kazuyuki</li> </ul>
Number	:NA :NA	

(57) Abstract :

The present invention provides: a rubber composition which is capable of improving fuel consumption saving wet grip performance and wear resistance in a balanced manner; and a pneumatic tire which uses the rubber composition. The present invention relates to a rubber composition which contains a rubber component silica and a liquid resin having a softening point from 20°C to 20°C. In the rubber composition 5% by mass or more of a conjugated diene polymer which has a constituent unit derived from a conjugated diene and a constituent unit represented by formula (I) and at least one end of which is modified with a specific compound is contained in 100% by mass of the rubber component and the silica is contained in an amount of 5 150 parts by mass per 100 parts by mass of the rubber component.

No. of Pages : 176 No. of Claims : 20

(22) Date of filing of Application :17/09/2012

(43) Publication Date : 09/01/2015

### (54) Title of the invention : NITRIDING OF NIOBIUM STEEL AND PRODUCT MADE THEREBY

<ul><li>(51) International classification</li><li>(31) Priority Document No</li><li>(32) Priority Date</li></ul>	:B22D11/00,C21D1/06,C21D8/02 :61/306,471 :20/02/2010	<ul> <li>(71)Name of Applicant :</li> <li>1)NUCOR CORPORATION</li> <li>Address of Applicant :1915 Rexford Road Charlotte North</li> </ul>
(33) Name of priority country	:U.S.A.	Carolina 28211 United States of America
<ul> <li>(86) International Application</li> <li>No</li> <li>Filing Date</li> <li>(87) International Publication</li> <li>No</li> <li>(61) Patent of Addition to</li> </ul>	:PCT/AU2011/000171 :18/02/2011 :WO 2011/100798 :NA	<ul> <li>(72)Name of Inventor :</li> <li>1)XIE Yuxuan</li> <li>2)ZHU Chen</li> <li>3)CAIRNEY Julie M.</li> <li>4)RINGER Simon P.</li> <li>5)KILLMORE Christopher Ronald</li> </ul>
Application Number Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA	6)BARBARO Frank 7)WILLIAMS James Geoffery

(57) Abstract :

A nitrided steel product or thin cast steel strip comprising by weight less than 0.25 % carbon between 0.20 and 2.0 % manganese between 0.05 and 0.50 % silicon less than 0.01% aluminum between 0.01 and about 0.20% niobium and between 0.01 and 0.075 % nitrogen and having a majority of the microstructure comprised of bainite and acicular ferrite having more than 70 % niobium in solid solution prior to nitriding and having yield strength between 650 MPa and 800 MPa and tensile strength between 750 MPa and 900 MPa.

No. of Pages : 29 No. of Claims : 19

(21) Application No.7757/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :07/09/2012

(43) Publication Date : 09/01/2015

### (54) Title of the invention : A METHOD AND NAVIGATION DEVICE FOR PROVIDING AT LEAST ONE ROUTE

(51) International classification	:G01C21/34,G01C21/36	(71)Name of Applicant :
(31) Priority Document No	:10157875.5	1)KONINKLIJKE PHILIPS ELECTRONICS N.V.
(32) Priority Date	:26/03/2010	Address of Applicant :GROENEWOUDSEWEG 1
(33) Name of priority country	:EPO	EINDHOVEN 5621 BA NETHERLANDS
(86) International Application No	:PCT/IB2011/051185	(72)Name of Inventor :
Filing Date	:22/03/2011	1)GEURTS Lucas Jacobus Franciscus
(87) International Publication No	:WO/2011/117805	2)CHRISTIAANSEN Geert Henricus Maria
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method and navigation device for providing at least one route is described. A destination is received from a user (step 204). Locations having more than a predetermined amount of content associated therewith are determined (step 206) and locations are selected based on a profile of the user (step 208). At least one route is provided to the destination via at least one location of the determined and selected locations (step 210).

No. of Pages : 12 No. of Claims : 13

(21) Application No.7758/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :07/09/2012

(43) Publication Date : 09/01/2015

#### (54) Title of the invention : COPD EXACERBATION DETECTION USING SPUTUM ANALYSIS (51) International classification :G01N33/487 (71)Name of Applicant : (31) Priority Document No 1)KONINKLIJKE PHILIPS ELECTRONICS N.V. :61/318492 (32) Priority Date Address of Applicant : GROENEWOUDSEWEG 1 :29/03/2010 (33) Name of priority country :U.S.A. EINDHOVEN 5621 BA NETHERLANDS (86) International Application No :PCT/IB2011/050788 (72)Name of Inventor : **1)ATAKHORRAMI Maryam** Filing Date :24/02/2011 (87) International Publication No :WO/2011/121462 2)CHEUNG Amy Oi Mee (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

Subject of the invention is the diagnosis and/or monitoring of chronic obstructive pulmonary disease based on sputum rheology. The complex modulus i.e. the viscous modulus and the elastic modulus of sputum is measured and assessed in respect of chronic obstructive pulmonary disease.

No. of Pages : 21 No. of Claims : 15

(19) INDIA

(22) Date of filing of Application :07/09/2012

(43) Publication Date : 09/01/2015

(54) Title of the invention : PATIENT INTERFACE WITH RIBBED PATIENT CONTACTING SURFACE			
<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No <ul> <li>Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> </ul> </li> <li>Number <ul> <li>Filing Date</li> <li>(62) Divisional to Application Number</li> <li>Filing Date</li> </ul> </li> </ul>	:A61M16/06 :61/319399 :31/03/2010 :U.S.A.	<ul> <li>(71)Name of Applicant :</li> <li>1)KONINKLIJKE PHILIPS ELECTRONICS N.V. Address of Applicant :GROENEWOUDSEWEG 1</li> <li>EINDHOVEN 5621 BA NETHERLANDS</li> <li>(72)Name of Inventor :</li> <li>1)MATULA JR. Jerome</li> <li>2)ANDREWS Derrick Blake</li> <li>3)HO Peter Chi Fai</li> </ul>	

### (57) Abstract :

A patient interface device (8) for delivering a flow of breathing gas to an airway of a patient is provided that includes a patient contacting component (9 90) having a patient contacting surface structured to engage the face of the patient when the patient interface device is donned by the patient the patient contacting surface also including a plurality of ribs (40 52 62 72 82 96) extending therefrom. The patient contacting component may be without limitation a mask having a mask cushion a forehead support having a forehead cushion a cheek pad or a chin pad.

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

(22) Date of filing of Application :25/09/2013

(43) Publication Date : 09/01/2015

### (54) Title of the invention : USE OF SUBSTITUTED 2 3 DIHYDROIMIDAZO[1 2 C]QUINAZOLINES

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> </ul>	A01K31/51/,G01N33/48,A01P35/00	<ul> <li>(71)Name of Applicant :</li> <li>1)BAYER INTELLECTUAL PROPERTY GMBH Address of Applicant :Alfred Nobel Strasse 10 40789 Monheim Germany</li> <li>(72)Name of Inventor :</li> <li>1)LIU Ningshu</li> <li>2)SCHNEIDER Claudia</li> </ul>
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA	

### (57) Abstract :

The present invention relates to: use of a 2 3 dihydroimidazo[1 2 c]quinazoline compound or of a pharmaceutical composition containing said compound and b) one or more further active agents for the preparation of a medicament for the treatment or prophylaxis of cancer; combinations of a) said compound and b) one or more further active agents; a pharmaceutical composition comprising said compound as a sole active agent for the treatment of breast cancer; a pharmaceutical composition of a) said compound and b) one or more further active agents; a pharmaceutical composition comprising said compound and b) one or more further active agents; a pharmaceutical composition of a) said compound and b) one or more further active agents; use of biomarkers involved in the modification of Bel expression HER family expression and/or activation PIK3CA signaling and / or loss of PTEN for predicting the sensitivity and /or resistance of a cancer patient to said compound and providing a rationale based synergistic combination as defined herein to increase sensitivity and/or to overcome resistance; and a method of determining the level of a component of one or more of Bcl expression HER family expression and/or activation PIK3CA signaling and / or loss of PTEN.

No. of Pages : 165 No. of Claims : 15

(19) INDIA

(22) Date of filing of Application :07/10/2013

(43) Publication Date : 09/01/2015

(51) International classification	:A61N1/36	(71)Name of Applicant :
(31) Priority Document No	:61/473141	1)OCULEVE INC.
(32) Priority Date	:07/04/2011	Address of Applicant : Two Corporate Drive South San
(33) Name of priority country	:U.S.A.	Francisco CA 94080 U.S.A.
(86) International Application No	:PCT/US2012/032629	2)THE BOARD OF TRUSTEES OF THE LELAND
Filing Date	:06/04/2012	STANFORD JUNIOR UNIVERSITY
(87) International Publication No	:WO 2012/139063	(72)Name of Inventor :
(61) Patent of Addition to Application	.NT A	1)ACKERMANN Douglas Michael
Number	:NA	2)LOUDIN James Donald
Filing Date	:NA	3)KUZMA Janusz
(62) Divisional to Application Number	:NA	4)PALANKER Daniel
Filing Date	:NA	5)WETENKAMP Scott Franklin
(57) Al stresst	.111/1	

### (54) Title of the invention : STIMULATION DEVICES AND METHODS

(57) Abstract :

Described here are stimulation systems and methods for stimulating one or more anatomical targets in a patient for treatment conditions such as dry eye. The stimulation system may include a controller and a micro stimulator. The components of the controller and micro stimulator may be implemented in a single unit or in separate devices. When implemented separately the controller and micro stimulator may communicate wirelessly or via a wired connection. The micro stimulator may generate pulses from a signal received from the controller and apply the signal via one or more electrodes to an anatomical target. In some variations the micro stimulator may include a passive generation circuit configured to generate a pulse based on a signal received from the controller.

No. of Pages : 105 No. of Claims : 44

(22) Date of filing of Application :30/04/2013

(43) Publication Date : 09/01/2015

### (54) Title of the invention : COMPOSITIONS AND METHODS FOR PRODUCTION OF FERMENTABLE SUGARS

(57) Abstract :

The present application provides genetically modified fungal organisms that produce enzyme mixtures exhibiting enhanced hydrolysis of cellulosic material to glucose enzyme mixtures produced by the genetically modified fungal organisms and processes for producing glucose from cellulose using such enzyme mixtures.

No. of Pages : 203 No. of Claims : 96

(19) INDIA

(22) Date of filing of Application :02/05/2013

(43) Publication Date : 09/01/2015

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> </ul>	:28/09/2011	<ul> <li>(71)Name of Applicant :</li> <li>1)FURUKAWA ELECTRIC CO. LTD. Address of Applicant :2 3 Marunouchi 2 chome Chiyoda ku Tokyo 1008322 Japan</li> <li>(72)Name of Inventor :</li> <li>1)TANAKA Hiroki</li> </ul>
<ul> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number</li> <li>Filing Date</li> <li>(62) Divisional to Application Number</li> </ul>	:WO 2012/070177 :NA :NA :NA	2)NAKAJIMA Yasuo 3)MOCHIZUKI Kouji 4)ARASHITANI Yoshihiro
Filing Date	:NA	

### (54) Title of the invention : PIGMENTED FIBER OPTIC CABLE CORE

(57) Abstract :

The present invention provides a pigmented fiber optic cable core wherein transmission loss tends not to increase even when immersed in water. The pigmented fiber optic cable core (16) according to one embodiment of the present invention comprises a glass fiber optic cable (11) a primary coated layer (12) that coats the glass fiber optic cable (11) a secondary coated layer (13) that coats the primary coated layer (12) and a pigmented layer (15) that coats the secondary coated layer (13). The thermal expansion coefficient ratio of a layered product (21) having the secondary coated layer (13) and the pigmented layer (15) that coats the secondary coated layer (15) that coats the secondary coated layer (13) and the glass transition temperature ratio of the layered product (21) is no less than 0.98 and no more than 1.03 with respect to the thermal expansion coefficient of the secondary coated layer (13) and the glass transition temperature ratio of the layered product (21) is no less than 0.96 and no more than 1.03 with respect to the secondary coated layer (13) in a temperature range of 100°C150°C.

No. of Pages : 27 No. of Claims : 2

(22) Date of filing of Application :29/11/2011

### (43) Publication Date : 09/01/2015

### (54) Title of the invention : METHOD FOR CONTROLLING POWER FACTOR OF THREE-PHASE CONVERTER, METHOD FOR CONTROLLING REACTIVE POWER OF THREE-PHASE CONVERTER AND CONTROLLER OF THREE-PHASE CONVERTER

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> </ul>	:H02M :2011- 036267 :22/02/2011 :Japan :NA :NA : NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)KYOSAN ELECTRIC MFG. CO., LTD. Address of Applicant :29-1, HEIANCHO 2-CHOME, TSURUMI-KU, YOKOHAMA-SHI, KANAGAWA 230-0031 Japan</li> <li>(72)Name of Inventor :</li> <li>1)YUZURIHARA, ITSUO</li> <li>2)TAKAYANAGI, ATSUSHI</li> <li>3)HATA, YOHIHISA</li> <li>4)OKANO, TSUYOSHI</li> </ul>
(62) Divisional to Application Number	:NA	4)ORANO, 15010511
(62) Divisional to Application Number Filing Date	:NA :NA	

### (57) Abstract :

In a three-phase converter, a power factor is controlled, to be an arbitrary set value for controlling reactive power. In power conversion according to the three-phase converter which subjects three-phase AC to PWM conversion for outputting DC, symmetrical component voltage values of a balanced system are calculated from wyephase voltages on the three-phase AC input side of the three-phase converter. On the DC output side of the three-phase converter, the power factor is set, an average active power value is calculated from an output voltage value and an output current value, and an average reactive power is calculated from the set power factor. On the basis of the symmetrical component voltage values, the average active power, and the active reactive power, a compensation signal for compensating for unbalanced voltages of the three-phase AC voltages and a control signal for controlling the power factor are generated, and according to the compensation signal and the control signal, a PWM control signal for subjecting the three-phase AC to the PWM conversion for outputting DC is generated.

No. of Pages : 121 No. of Claims : 14

(21) Application No.8165/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :08/10/2013

(43) Publication Date : 09/01/2015

### (54) Title of the invention : PREPARATION OF MAYTANSINOID ANTIBODY CONJUGATES BY A ONE STEP PROCESS

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number <ul> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application Number <ul> <li>Filing Date</li> </ul> </li> </ul>	:A61P35/00,A61K47/48 :61/468997 :29/03/2011 :U.S.A. :PCT/US2012/031243 :29/03/2012 :WO 2012/135517 :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant : <ol> <li>I)IMMUNOGEN INC.</li> <li>Address of Applicant :830 Winter Street Waltham</li> </ol> </li> <li>Massachusetts 02451 1477 U.S.A.</li> <li>(72)Name of Inventor : <ol> <li>LI Xinfang</li> <li>WORFUL Jared M.</li> </ol> </li> </ul>
Filing Date	:NA	

(57) Abstract :

The invention provides a one step process for preparing a cell binding agent cytotoxic agent conjugate comprising contacting a cell binding agent with a cytotoxic agent to form a first mixture comprising the cell binding agent and the cytotoxic agent and contacting the first mixture comprising the cell binding agent and the cytotoxic agent with a bifunctional crosslinking reagent which provides a linker in a solution having a pH of about 4 to about 9 to provide a second mixture comprising the cell binding agent cytotoxic agent conjugate wherein the cell binding agent is chemically coupled through the linker to the cytotoxic agent free cytotoxic agent and reaction by products. The second mixture is then optionally subjected to purification to provide a purified cell binding agent cytotoxic agent conjugate.

No. of Pages : 48 No. of Claims : 27

### (22) Date of filing of Application :19/06/2013

(43) Publication Date : 09/01/2015

## (54) Title of the invention : METAL NANOPARTICLE DECORATED CARBON NANOTUBES AND METHODS OF PREPARATION AND USE

(51) International classification	:C01B31/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)Indian Institute of Technology Madras
(32) Priority Date	:NA	Address of Applicant : Chennai, Tamil Nadu 600036, India
(33) Name of priority country	:NA	Tamil Nadu India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)SUNDARA, Ramaprabhu
(87) International Publication No	: NA	2)BARO, Mridula
(61) Patent of Addition to Application Number	:NA	3)NAYAK, Pranati
Filing Date	:NA	4)THERES BABY, Tessy
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		1

(57) Abstract :

Methods of forming metal nanoparticle decorated carbon nanotubes are provided. The methods include mixing a metal precursor with a plurality of carbon nanotubes to form a metal precursor-carbon nanotubes mixture. The methods also include exposing the metal precursor-carbon nanotubes mixture to electromagnetic radiation to deposit metal nanoparticles on a major surface of the carbon nanotubes.

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

(22) Date of filing of Application :24/06/2013

(43) Publication Date : 09/01/2015

## (54) Title of the invention : SYSTEMS AND METHODS FOR DETERMINING AUTHENTICATION REQUIREMENTS OF INFORMATION CENTRIC NETWORK BASED

(51) International classification	:G06F21/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)INFOSYS LIMITED
(32) Priority Date	:NA	Address of Applicant : IP CELL, PLOT NO.44,
(33) Name of priority country	:NA	ELECTRONIC CITY, HOSUR ROAD, BANGALORE - 560 100
(86) International Application No	:NA	Karnataka India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)KARTHIK SRINIVASAN
(61) Patent of Addition to Application Number	:NA	2)VIJAYARAGHAVAN VARADARAJAN
Filing Date	:NA	3)RAJAT ARYA
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The technique relates to a system and method for determining and representing one or more authentication requirements for at least one valid service flow of one or more information centric network (ICN) based services. This technique involves capturing service specification and storing it in a repository. Then, one or more possible service flows are generated and represented based on the nature of contents, delivery options and preferred architecture. This representation is again modified based on the trust level among functional entities and authentication scope which are inferred from the service specification. The final representation of the service flow shows only the valid inter-connections and operations among functional entities and the service flow is constrained by authentication requirement.

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

(21) Application No.7748/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :07/09/2012

(43) Publication Date : 09/01/2015

(54) Title of the invention : INTERFERENCE REDUCTION IN MONITORING A VITAL PARAMETER OF A PATIENT			
<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application <ul> <li>Number</li> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application Number</li> <li>Filing Date</li> </ul>	:A61B5/1455 :10157293.1 :23/03/2010 :EPO :PCT/IB2011/051100 :16/03/2011 :WO/2011/117780 :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)KONINKLIJKE PHILIPS ELECTRONICS N.V. Address of Applicant :GROENEWOUDSEWEG 1</li> <li>EINDHOVEN 5621 BA NETHERLANDS</li> <li>(72)Name of Inventor :</li> <li>1)VEEN Jeroen</li> <li>2)JANSEN Theodorus Petrus Henricus Gerardus</li> <li>3)FOKKENROOD Steven Antonie Willem</li> </ul>	

(57) Abstract :

The invention relates to a method of and device for monitoring a vital parameter of a patient by emitting light onto tissue of the patient with at least one light source (1 2) and collecting light which is transmitted through the tissue and/or which is reflected from the tissue. The emitted light is multiplexed according to a predefined multiplexing scheme having a plurality of multiplexing channels and the collected light is detected according to the predefined multiplexing scheme resulting in a plurality of detection channels (16 17 18 19). At least one of the multiplexing channels is arranged to be a dark multiplexing channel for which no light is emitted by the at least one light source (1 2) resulting in a dark detection channel (19)

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

(22) Date of filing of Application :23/10/2013

(43) Publication Date : 09/01/2015

### (54) Title of the invention : SYSTEMS AND METHODS FOR WIRELESS COMMUNICATION OF PACKETS HAVING A PLURALITY OF FORMATS

### (57) Abstract :

Systems and methods for communicating packets having a plurality of formats are described herein. In some aspects a signal (SIG) field in the preamble of a packet may indicate whether an extension field such as an extension SIG field or SIG B field is included in the packet. In another aspect one or more detectors may be used to auto detect packets formatted as one of at least two different formats based on a short training field (STF) of a received packet. In some aspects along training field (LTF) in the preamble of a packet may indicate whether the payload is repetition coded.

No. of Pages : 101 No. of Claims : 64

(22) Date of filing of Application :23/10/2013

(43) Publication Date : 09/01/2015

### (54) Title of the invention : SYSTEMS AND METHODS FOR WIRELESS COMMUNICATION OF PACKETS HAVING A PLURALITY OF FORMATS

### (57) Abstract :

Systems and methods for communicating packets having a plurality of formats are described herein. In some aspects a signal (SIG) field in the preamble of a packet may indicate whether an extension field such as an extension SIG field or SIG B field is included in the packet. In another aspect one or more detectors may be used to auto detect packets formatted as one of at least two different formats based on a short training field (STF) of a received packet. In some aspects along training field (LTF) in the preamble of a packet may indicate whether the payload is repetition coded.

No. of Pages : 99 No. of Claims : 52

(22) Date of filing of Application :06/07/2012

(43) Publication Date : 09/01/2015

(54) Title of the invention : AGENT FOR IMPROVING PLANT GROWTH, SEEDS, AND METHOD FOR IMPROVING PLANT GROWTH

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No</li> <li>Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(2) Discissional Application</li> </ul>	:PCT/JP2011/051500 :26/01/2011 :WO 2011/093341 A1 :NA :NA	(71)Name of Applicant : 1)INCORPORATED ADMINISTRATIVE AGENCY NATIONAL AGRICULTURE AND FOOD RESEARCH ORGANIZATION Address of Applicant :3-1-1, KANNONDAI, TSUKUBA-SHI, IBARAKI 3058517 Japan (72)Name of Inventor : 1)YOSHITAKA HARA
(62) Divisional to Application Number Filing Date	' :NA :NA	

(57) Abstract :

The present invention relates to (i) a plant growth-improving agent containing a growth-improving component that increases a concentration of an oxoanion in . an area around a plant, the oxoanion being heavier than a sulfate ion and containing four oxygen atoms, (ii) a seed to which such a plant-growth-improving agent has been applied, and (iii) a plant growth-improving method including a cultivating step of growing a plant in the presence of such a growth-improving component.

No. of Pages : 133 No. of Claims : 18

(19) INDIA

(22) Date of filing of Application :25/07/2013

(43) Publication Date : 09/01/2015

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number <ul> <li>Filing Date</li> </ul> </li> </ul>	:61/437,292 :28/01/2011 :U.S.A. :PCT/CA2011/000465 :27/04/2011 :WO 2012/100320 A1 :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)INSITE TECHNOLOGIES LTD. Address of Applicant :2400 525 8th Avenue S.W. Calgary Alberta T2P 1G1 Canada</li> <li>(72)Name of Inventor :</li> <li>1)JAMES Kenneth</li> </ul>
(62) Divisional to Application Number Filing Date	:NA :NA	

### (54) Title of the invention : MODULAR TRANSPORTABLE SYSTEM FOR SAGD PROCESS

(57) Abstract :

A transportable modular process for exploiting a remote heavy oil resource or the like using steam assisted gravity drainage technology or the like. Said process comprising transportable preassembled and commissioned modules which when interconnected adjacent said remote heavy oil resource provide the ability to exploit said heavy oil resource or the like. Each module being preassembled and commissioned at the time of manufacture with the necessary piping and electrical wiring and other essential equipment for each module prior to being transported to adjacent the resource. Each module being when transported to adjacent said resource able to be readily interconnected with other process modules to enable an entire SAGD process or the like to be constructed adjacent said resource.

No. of Pages : 68 No. of Claims : 9

(22) Date of filing of Application :18/10/2013

(43) Publication Date : 09/01/2015

### (54) Title of the invention : METHOD FOR PRODUCING STABILIZED WHOLE WHEAT FLOUR

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application</li> <li>No</li> <li>Filing Date</li> <li>(87) International Publication</li> <li>No</li> <li>(61) Patent of Addition to</li> <li>Application Number</li> <li>Filing Date</li> <li>(62) Divisional to Application</li> <li>Number</li> <li>Filing Date</li> </ul>	:A21D6/00,A23L1/105,A23L1/10 :61/457514 :14/04/2011 :U.S.A. :PCT/US2012/033500 :13/04/2012 :WO 2012/142399 :NA :NA :NA	<ul> <li>(71)Name of Applicant : <ol> <li>INTERCONTINENTAL GREAT BRANDS LLC</li> <li>Address of Applicant :100 Deforest Avenue East Hanover</li> </ol> </li> <li>New Jersey 07936 U.S.A.</li> <li>(72)Name of Inventor : <ol> <li>IZHAO Bin</li> <li>ZHOU Ning</li> <li>HANSEN Timothy S.</li> <li>DUFFIN Michael A.</li> <li>CASSONE Domenico R.</li> <li>GANNON Diane L.</li> <li>HAYNES Lynn C.</li> </ol> </li> <li>8)MANNS James M.</li> <li>ZIMERI Jeanny E.</li> <li>WORFOLK Peter</li> <li>PRACEK Anthony</li> </ul>
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(57) Abstract :

A stabilized flour such as stabilized whole grain wheat flour exhibiting unexpectedly superior extended shelf life and superior biscuit baking functionality may be produced with or without heating to inhibit lipase by subjecting whole grains or a bran and germ fraction or component to treatment with a lipase inhibitor such as an acid or green tea extract. Treatment with the lipase inhibitor may be performed during tempering of the whole grains or berries or during hydration of the bran and germ fraction or component.

No. of Pages : 127 No. of Claims : 97

(19) INDIA

(22) Date of filing of Application :25/01/2012

(43) Publication Date : 09/01/2015

### (54) Title of the invention : METHOD AND APPARATUS OF SLEEP MODE OPERATION IN MULTI-CARRIER SYSTEM (51) International classification :H04W52/02 (71)Name of Applicant : (31) Priority Document No 1)LG ELECTRONICS INC. :61/239,031 (32) Priority Date Address of Applicant :20, YEOUIDO-DONG. :01/09/2009 (33) Name of priority country YEONGDEUNGPO-GU, SEOUL 150-721 Republic of Korea :U.S.A. (86) International Application No :PCT/KR2010/005907 (72)Name of Inventor : **1)PARK. GIWON** Filing Date :01/09/2010 (87) International Publication No :WO 2011/028012 A2 2)YUK, YOUNGSOO (61) Patent of Addition to Application 3)KIM, YONGHO :NA Number 4)RYU, KISEON :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

### (57) Abstract :

Disclosed herein relates to a method and apparatus of establishing a sleep mode operation in a multi-carrier system. The method of establishing a sleep mode operation in a communication system of transmitting and receiving data using a multi-carrier including a primary carrier for transmitting and receiving control information and data and a secondary carrier using a radio frequency (RF) different from the primary carrier may include requesting a sleep mode switching to a base station through the primary carrier and receiving a sleep mode cycle and a listening window from the base station; entering into a multi-carrier sleep mode having a sleep cycle configured with a listening window capable of transmitting and receiving data; transmitting a bandwidth request message to a base station through the primary carrier if data traffic to be transmitted to the base station is generated in the multi-carrier sleep window; changing a sleep mode cycle of the primary carrier to terminate the sleep window of the primary carrier and enter into a listening window; changing a sleep mode cycle of the secondary carrier to be identical to the changed sleep mode cycle of the primary carrier; and transmitting uplink data traffic to the base station during the listening window of the changed sleep mode cycle through the primary carrier and secondary carrier.

No. of Pages : 28 No. of Claims : 14

(21) Application No.6364/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :19/07/2012

(43) Publication Date : 09/01/2015

### (54) Title of the invention : AEROSOL DELIVERY SYSTEM WITH TEMPERATURE-BASED AEROSOL DETECTOR (51) International classification :A61M11/00,A61M15/00 (71)Name of Applicant : (31) Priority Document No :61/296660 1)KONINKLIJKE PHILIPS ELECTRONICS N.V. (32) Priority Date :20/01/2010 Address of Applicant : GROENEWOUDSEWEG 1 (33) Name of priority country :U.S.A. EINDHOVEN 5621 BA NETHERLANDS (86) International Application No (72)Name of Inventor : :PCT/IB2010/055892 Filing Date :16/12/2010 **1)HAARTSEN Jacob Roger** :WO/2011/089489 (87) International Publication No 2) DENYER Jonathan Stanley Harold **3)LEPPARD Michael James Robbert** (61) Patent of Addition to Application :NA Number **4)DYCHE Anthony** :NA Filing Date **5)DEKKER Ronald** (62) Divisional to Application Number :NA **6)MARCELIS Bout** Filing Date :NA

### (57) Abstract :

An aerosol delivery system (e.g. MDI or nebulizer for delivering aerosolized medication to a patient) includes a temperature sensor (10) in an aerosol output pathway of the system. A controller (600) determines that an aerosol generator of the system has released aerosol when the sensor senses a predetermined temperature change in the pathway. The temperature sensor may also comprise a thermal flow sensor that includes a heater and upstream and downstream temperature sensors. The controller compares the upstream and downstream temperatures to determine the presence direction and/or magnitude of fluid flow in the pathway. The controller may use the aerosol detection and/or flow detection to monitor compliance with desired use of the system and/or provide real-time instructions to a user for proper use of the system. The controller may record the aerosolization and flow data for later analysis.

No. of Pages : 39 No. of Claims : 21

(22) Date of filing of Application :04/09/2013

(43) Publication Date : 09/01/2015

### (54) Title of the invention : ALPHA HELIX MIMETICS AND METHODS RELATING THERETO

classification       :C0/D48//04,A61K31/519,A61K31/53         (31) Priority Document No:61/446801         (32) Priority Date       :25/02/2011	<ul> <li>(71)Name of Applicant :</li> <li>1)PRISM Pharma Co. Ltd. Address of Applicant :4259 3 Nagatsuta cho Midori ku Yokohama shi Kanagawa 2268510 Japan</li> <li>(72)Name of Inventor :</li> <li>1)KOUJI Hiroyuki</li> <li>2)ODAGAMI Takenao</li> </ul>
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### (57) Abstract :

Alpha helix mimetic structures and compounds represented by the formula (I) wherein the general formula and the definition of each symbol are as defined in the specification a compound relating thereto and methods relating thereto are disclosed. Applications of these compounds in the treatment of medical conditions e.g. cancer diseases fibrotic diseases and pharmaceutical compositions comprising the mimetics are further disclosed.

No. of Pages : 182 No. of Claims : 28

(21) Application No.7614/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :04/09/2012

(43) Publication Date : 09/01/2015

## (54) Title of the invention : FORMING FUNCTIONALIZED CARRIER STRUCTURES WITH CORELESS PACKAGES

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> </ul>	:H01L21/60,H01L23/48 :12/761,782 :16/04/2010 :U.S.A. :PCT/US2011/032794 :15/04/2011	<ul> <li>(71)Name of Applicant :</li> <li>1)INTEL CORPORATION <ul> <li>Address of Applicant :2200 MISSION COLLEGE BLVD.</li> </ul> </li> <li>SANTA CLARA CA 95052 U.S.A.</li> <li>(72)Name of Inventor : <ul> <li>1)NALLA Ravi K.</li> </ul> </li> </ul>
<ul> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number</li> </ul>	:WO/2011/130717 :NA :NA :NA	2)AZIMI Hamid R. 3)GUZEK John S. 4)GONZALEZ Javier Soto 5)DELANEY Drew W.
Filing Date	:NA	

(57) Abstract :

Methods of forming a microelectronic packaging structure and associated structures formed thereby are described. Those methods may include attaching a die to a carrier material wherein the carrier material comprises a top layer and a bottom layer separated by an etch stop layer; forming a dielectric material adjacent the die forming a coreless substrate by building up layers on the dielectric material and then removing the top layer carrier material and etch stop layer from the bottom layer carrier material.

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

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

### (54) Title of the invention : 1 3 OXAZINES AS BACE1 AND/OR BACE2 INHIBITORS

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition Application Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:C07D265/08,C07D413/10,C07D413/12 :11166208.6 :16/05/2011 :EPO :PCT/EP2012/058707 :11/05/2012 :WO 2012/156284	<ul> <li>(71)Name of Applicant :</li> <li>1)F. HOFFMANN LA ROCHE AG Address of Applicant :Grenzacherstrasse 124 CH 4070 Basel Switzerland</li> <li>2)SIENA BIOTECH S.P.A</li> <li>(72)Name of Inventor :</li> <li>1)HILPERT Hans</li> <li>2)NARQUIZIAN Robert</li> <li>3)PINARD Emmanuel</li> <li>4)POLARA Alessandra</li> <li>5)ROGERS EVANS Mark</li> <li>6)WOLTERING Thomas</li> <li>7)WOSTL Wolfgang</li> </ul>
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### (57) Abstract :

The present invention provides compounds of formula I having BACE1 and/or BACE2 inhibitory activity their

manufacture pharmaceutical compositions containing them and their use as therapeutically active substances. The active compounds of the present invention are useful in the therapeutic and/or prophylactic treatment of e.g. Alzheimer s disease and type 2 diabetes.

No. of Pages : 168 No. of Claims : 31

(19) INDIA

(22) Date of filing of Application :28/10/2013

(43) Publication Date : 09/01/2015

### (51) International classification :H04L27/26,H04L5/00 (71)Name of Applicant : (31) Priority Document No 1)QUALCOMM INCORPORATED :61/488092 (32) Priority Date :19/05/2011 Address of Applicant :Attn: International Ip Administration (33) Name of priority country 5775 Morehouse Drive San Diego California 92121 1714 U.S.A. :U.S.A. (86) International Application No :PCT/US2012/038426 (72)Name of Inventor : 1)VERMANI Sameer Filing Date :17/05/2012 (87) International Publication No :WO 2012/158961 2)ABRAHAM Santosh Paul 3)SHELLHAMMER Stephen J. (61) Patent of Addition to Application :NA Number 4)VAN ZELST Albert :NA Filing Date 5)VAN NEE Didier Johannes Richard (62) Divisional to Application Number :NA **6)JONES Vincent Knowles** Filing Date :NA

(54) Title of the invention : PREAMBLE DESIGN FOR TELEVISION WHITE SPACE TRANSMISSIONS

### (57) Abstract :

A method for generating a Physical Layer Convergence Protocol Packet Data Unit (PPDU) having a preamble and a payload for television white space transmission (TVWS) is provided. The symbols of the PPDU each include 128 total (orthogonal frequency division multiplexing) OFDM tones or 256 total OFDM tones. The preamble includes a signal (SIG) field symbol having 108 OFDM data tones if the symbols of the PPDU include 128 total OFDM tones or having 234 OFDM data tones if the symbols of the PPDU include 128 total OFDM tones or having 234 OFDM data tones if the symbols of the PPDU include 256 total OFDM tones. The SIG field symbol indicates at least one of an amount of data in the payload or a length of time that the PPDU will occupy the television broadcast frequency spectrum. The PPDU is generated by down clocking an 802.11ac signal by a factor so that the bandwidth of the PPDU decreases down to one appropriate for use in a TVWS channel.

No. of Pages : 106 No. of Claims : 56

(21) Application No.2800/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :26/06/2013

(43) Publication Date : 09/01/2015

### (54) Title of the invention : A DEVICE TO OPERATE A PUMP IN A VEHICLE (51) International classification :B62J11/00 (71)Name of Applicant : (31) Priority Document No 1)Robert Bosch Engineering and Business Solutions Limited :NA (32) Priority Date Address of Applicant :123. Industrial Lavout, Hosur Road. :NA (33) Name of priority country Koramangala, Bangalore 560095, Karnataka India :NA (86) International Application No 2)Robert Bosch GmbH :NA (72)Name of Inventor: Filing Date :NA (87) International Publication No : NA 1)THANGAVELU Kanagaraj (61) Patent of Addition to Application Number :NA Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

A device (500) to operate a pump (80) in a vehicle is disclosed. The device (500) has a fluid connection with a compressor (10) of a turbocharger system (200) in the vehicle. The device comprises a pulsating unit (70) having a first input port (71), a second input port (72) and a output port (73), a first connecting means (711) connecting an inlet (11) of the compressor (10) to the first input port (71) of the pulsating unit (70), a second connecting means (721) connecting an outlet (12) of the compressor (10) to the second input port (72) of the pulsating unit (70) and the output port (73) of the pulsating unit (70) is connected to a control port (81) of the pump (80).

No. of Pages : 14 No. of Claims : 7

(19) INDIA

(22) Date of filing of Application :11/01/2012

### (43) Publication Date : 09/01/2015

(51) International classification	:B67D1/00	(71)Name of Applicant :
(31) Priority Document No	:12/462,296	1)APTARGROUP, INC.
(32) Priority Date	:31/07/2009	Address of Applicant :475 WEST TERRA COTTA SUITE E,
(33) Name of priority country	:U.S.A.	CRYSTAL LAKE, IL 60014-9695 U.S.A.
(86) International Application No	:PCT/US2010/002075	(72)Name of Inventor :
Filing Date	:22/07/2010	1)WALTERS, PETER J.
(87) International Publication No	:WO 2011/014238 A1	2)BRAUN, CRAIG A.
(61) Patent of Addition to Application	:NA	3)KOHLNE, JORG
Number	:NA :NA	4)UMBEER, VOLKER
Filing Date	.INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
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### (54) Title of the invention : TOUCHLESS DISPENSER

(57) Abstract :

A touchless dispenser is (10) provided for a pressurized contain er (12) including a valve member (30). The dispenser (10) comprises a housing (40) mountable to the container (12). An electrically controlled valve (60) in the housing (40) includes an inlet (80) and an outlet (84). The inlet (80) maintains the valve member (30) in an open position incident to the housing (40) being mounted on the container (12). A nozzle (88) extends between the valve outlet (84) and a discharge orifice (120). A sensor (108) senses a user's hand proximate the discharge orifice (120). A control (102) in the housing (40) is operatively coupled to the sensor (108) and the electrically controlled valve (60). The control (102) controls operation of the electrically controlled valve (60) to dispense a select dosage of product from the container (12) responsive to the sensor sensing presence of a user's hand proximate the discharge orifice (120).

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

(22) Date of filing of Application :12/08/2013

(43) Publication Date : 09/01/2015

## (54) Title of the invention : SYNERGISTIC COMBINATIONS CONTAINING A DITHIINO TETRACARBOXAMIDE FUNGICIDE AND A HERBICIDE SAFENER OR PLANT GROWTH REGULATOR

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:A01N43/90,A01N37/42,A01N33/12 :11154541.4 :15/02/2011 :EPO :PCT/EP2012/052519 :14/02/2012 :WO 2012/110517 :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)BAYER INTELLECTUAL PROPERTY GMBH Address of Applicant :Alfred Nobel Strasse 10 40789</li> <li>Monheim Germany</li> <li>(72)Name of Inventor :</li> <li>1)MEISSNER Ruth</li> <li>2)WACHENDORFF NEUMANN Ulrike</li> <li>3)SEITZ Thomas</li> </ul>
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(57) Abstract :

The present invention relates to active compound combinations in particular within a composition which comprises (A) a dithiino tetracarboximide of formula (I) and (B) a further herbicidally active compound or (C) a plant growth regulator and/or (D) a safener for reducing phytotoxic actions of agrochemicals. Moreover the invention relates to a method for curatively or preventively controlling the phytopathogenic fungi of plants or 5 crops to the use of a combination according to the invention for the treatment of seed to a method for protecting a seed and not at least to the treated seed.

No. of Pages : 65 No. of Claims : 15

(21) Application No.6589/CHENP/2013 A

(22) Date of filing of Application :16/08/2013

(43) Publication Date : 09/01/2015

### (54) Title of the invention : COMPOSITION COMPRISING GLUTEN FREE CEREAL FLOUR

	a :A21D2/18,A21D2/36,A21D13/04	
(31) Priority Document No	:61/446304	1)DOW GLOBAL TECHNOLOGIES LLC
(32) Priority Date	:24/02/2011	Address of Applicant :2040 Dow Center Midland MI 48674
(33) Name of priority country	:U.S.A.	U.S.A.
(86) International Application No Filing Date	:PCT/US2012/024276 :08/02/2012	<ul><li>(72)Name of Inventor :</li><li>1)ZHANG Li</li><li>2)FLETCHER Robert B.</li></ul>
(87) International Publication No	:WO 2012/115781	3)ZHANG Xiaodong
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A composition which comprises a) a gluten free cereal flour b) a hydroxypropyl methylcellulose or methyl cellulose and c) a carboxymethyl cellulose is useful for producing food products such as gluten free bakery products or gluten free pasta.

No. of Pages : 13 No. of Claims : 14

(19) INDIA

(22) Date of filing of Application :04/11/2013

### (43) Publication Date : 09/01/2015

(54) Title of the invention : KINASE INF	HBITORS	
<ul> <li>(54) The of the invention : KINASE INT</li> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No <ul> <li>Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> </ul> </li> <li>Number <ul> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application Number <ul> <li>Filing Date</li> </ul> </li> </ul>	:C07D513/04 :61/480687 :29/04/2011 :U.S.A.	<ul> <li>(71)Name of Applicant : <ol> <li>I)ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI</li> <li>Address of Applicant :One Gustave L. Levy Place New York</li> </ol> </li> <li>New York 10029 U.S.A.</li> <li>(72)Name of Inventor : <ol> <li>I)REDDY M.V. Ramana</li> <li>REDDY E. Premkumar</li> </ol> </li> </ul>

(57) Abstract :

This disclosure relates to compounds methods for their preparation pharmaceutical compositions including these compounds and methods for the treatment of cellular proliferative disorders including but not limited to cancer. The method includes administering to the patient a therapeutically effective amount of a compound of formula (I) or a pharmaceutically acceptable salt thereof.

No. of Pages : 131 No. of Claims : 170

(22) Date of filing of Application :20/06/2013

### (54) Title of the invention : COMPOUNDS FOR THE REDUCTION OF AMYLOID PRODUCTION

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition Application Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:C07D239/70,C07D401/04,C07D491/04 :61/437279 :28/01/2011 :U.S.A. :PCT/US2012/022665 :26/01/2012 :WO 2012/103297 to :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)BRISTOL MYERS SQUIBB COMPANY Address of Applicant :P.O. Box 4000 Route 206 and ProvinceLine Road Princeton New Jersey 08543 4000 U.S.A.</li> <li>(72)Name of Inventor :</li> <li>1)BOY Kenneth M.</li> <li>2)GUERNON Jason M.</li> <li>3)MACOR John E.</li> <li>4)OLSON Richard E.</li> <li>5)SHI Jianliang</li> <li>6)THOMPSON Lorin A. III.</li> <li>7)WU Yong Jin</li> <li>8)XU Li</li> <li>9)ZHANG Yunhui</li> <li>10)ZUEV Dmitry S.</li> </ul>
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### (57) Abstract :

The present disclosure provides a series of compounds of the formula (I) which modulate amyloid peptide () production and are useful in the treatment of Alzheimer's Disease and other conditions affected by amyloid peptide () production.

No. of Pages : 230 No. of Claims : 18

(22) Date of filing of Application :05/07/2013

(43) Publication Date : 09/01/2015

### (54) Title of the invention : PESTICIDAL ACTIVE MIXTURES COMPRISING PYRAZOLE COMPOUNDS

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(31) Priority Date</li> <li>(32) Priority Date</li> <li>(33) Name of priority</li> <li>(34) Name of priority</li> <li>(35) Name of priority</li> <li>(36) International</li> <li>(37) International</li> <li>(37) International</li> <li>(38) PCT/EP2011/072854</li> <li>(39) PCT/EP2011/072854</li> <li>(30) Priority</li> <li>(31) Priority</li> <li>(32) Priority Date</li> <li>(33) Name of priority</li> <li>(33) Name of priority</li> <li>(34) Priority</li> <li>(35) Priority Date</li> <li>(36) PCT/EP2011/072854</li> <li>(37) International</li> <li>(37) PCT/EP2011/072854</li> <li>(37) International</li> <li>(37) PCT/EP2011/072854</li> <li>(37) PCT/EP2011/072854</li> <li>(37) PCT/EP2011/072854</li> <li>(37) PCT/EP2011/072854</li> <li>(37) PCT/EP2011/072854</li> <li>(37) PCT/EP2011/072854</li> <li>(38) PCT/EP2011/072854</li> <li>(39) PCT/EP2011/072854</li> <li>(30) PCT/EP2011/072854</li> <li>(31) PCT/EP2011/072854</li> <li>(31) PCT/EP2011/072854</li> <li>(31) PCT/EP2011/072854</li> <li>(31) PCT/EP2011/072854</li> <li>(32) PCT/EP2011/072854</li> <li>(31) PCT/EP2011/072854</li> <li>(31) PCT/EP2011/072854</li> <li>(31) PCT/EP2011/072854</li> <li>(32) PCT/EP2011/072854</li> <li>(32) PCT/EP2011/072854</li> <li>(33) PCT/EP2011/072854</li> <li>(34) PCT/EP2011/072854</li> <li>(35) PCT/EP2011/072854</li> <li>(35) PCT/EP2011/072854</li> <li>(35) PCT/EP2011/072854</li> <li>(35) PCT/EP2011/072</li></ul>	<ul> <li>(71)Name of Applicant :</li> <li>1)BASF SE Address of Applicant :67056 Ludwigshafen Germany</li> <li>(72)Name of Inventor :</li> <li>1)DEFIEBER Christian</li> <li>2)S-RGEL Sebastian</li> <li>3)S,,LINGER Daniel</li> <li>4)LANGEWALD J<sup>1</sup>/<sub>4</sub>rgen</li> </ul>
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### (57) Abstract :

The present invention relates to pesticidal mixtures comprising as active compounds 1) at least one pyrazole compound I of formula I wherein the variables are as defined in the description; and 2) at least one active compound II as defined in the description in synergistically effective amounts further to methods and use of these mixtures for combating insects arachnids or nematodes in and on plants and for protecting such plants being infested with pests especially also for protecting plant propagation material as like seeds.

No. of Pages : 78 No. of Claims : 18

(22) Date of filing of Application :18/07/2013

(43) Publication Date : 09/01/2015

(54) Title of the invention : C 28 AMINES OF C 3 MODIFIED BETULINIC ACID DERIVATIVES AS HIV MATURATION INHIBITORS

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No</li> <li>Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> </ul>	:PCT/US2012/022847 :27/01/2012 :WO 2012/106188 :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)BRISTOL MYERS SQUIBB COMPANY Address of Applicant :P.O. Box 4000 Route 206 and ProvinceLine Road Princeton New Jersey 08543 4000 U.S.A.</li> <li>(72)Name of Inventor :</li> <li>1)REGUEIRO REN Alicia</li> <li>2)SWIDORSKI Jacob</li> <li>3)SIT Sing Yuen</li> <li>4)CHEN Yan</li> <li>5)CHEN Jie</li> <li>6)MEANWELL Nicholas A.</li> <li>7)LIU Zheng</li> </ul>
(62) Divisional to Application Number Filing Date	:NA :NA	

### (57) Abstract :

Compounds having drug and bio affecting properties their pharmaceutical compositions and methods of use are set forth. In particular C 28 amines of C 3 modified betulinic acid derivatives that possess unique antiviral activity are provided as HIV maturation inhibitors. These compounds are useful for the treatment of HIV and AIDS. In particular the following compounds are provided herein including pharmaceutically acceptable salts thereof: a compound of formula (I) a compound of formula (II) and a compound of formula (III).

No. of Pages : 303 No. of Claims : 15

(22) Date of filing of Application :23/10/2013

(43) Publication Date : 09/01/2015

## (54) Title of the invention : IMAGE DECODING METHOD IMAGE ENCODING METHOD IMAGE DECODING DEVICE IMAGE ENCODING DEVICE AND IMAGE ENCODING/DECODING DEVICE

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application <ul> <li>Number</li> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application Number</li> </ul>	:H04N7/26 :61/500793 :24/06/2011 :U.S.A. :PCT/JP2012/004051 :22/06/2012 :WO 2012/176465 :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)PANASONIC CORPORATION <ul> <li>Address of Applicant :1006 Oaza Kadoma Kadoma shi Osaka</li> </ul> </li> <li>5718501 Japan <ul> <li>(72)Name of Inventor :</li> <li>1)SASAI Hisao</li> <li>2)NISHI Takahiro</li> <li>3)SHIBAHARA Youji</li> <li>4)SUGIO Toshiyasu</li> <li>5)TANIKAWA Kyoko</li> <li>6)MATSUNOBU Toru</li> </ul> </li> </ul>
(62) Divisional to Application Number Filing Date	:NA :NA	6)MATSUNOBU Toru
Filing Date		ojmaisunodu ioru

### (57) Abstract :

The image decoding method of an embodiment of the present invention includes: a context control step (S204) for determining the context to be used for a block to be processed among a plurality of contexts; and an arithmetic decoding step (S210) for using the determined context to arithmetically decode a bit sequence corresponding to the block to be processed. In the context control step (S204) if a signal type for control parameters is a first type the context is determined by using a condition that utilizes control parameters for both a left block and an above block which are adjacent to the block to be processed (S206) and if the signal type for the context is determined by using a condition that does not utilize the control parameter for the above block (S207). The second type is inter\_pred\_flag.

No. of Pages : 112 No. of Claims : 15

(22) Date of filing of Application :06/11/2013

(43) Publication Date : 09/01/2015

### (54) Title of the invention : SEMA5B PEPTIDES AND VACCINES INCLUDING THE SAME

<ul> <li>(51) International classification</li> <li>(31) Priority Document Not</li> <li>(32) Priority Date</li> <li>(33) Name of priority</li> <li>country</li> <li>(86) International</li> <li>Application No</li> <li>Filing Date</li> <li>(87) International</li> <li>Publication No</li> <li>(61) Patent of Addition to</li> <li>Application Number</li> <li>Filing Date</li> </ul>	:C12N15/09,A61K31/7088,A61K39/00 0:61/495819 :10/06/2011 :U.S.A. :PCT/JP2012/003740 :07/06/2012 :WO 2012/169200 :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)ONCOTHERAPY SCIENCE INC. Address of Applicant :2 1 Sakado 3 chome Takatsu ku Kawasaki shi Kanagawa 2130012 Japan</li> <li>(72)Name of Inventor :</li> <li>1)TSUNODA Takuya</li> <li>2)OSAWA Ryuji</li> <li>3)YOSHIMURA Sachiko</li> <li>4)WATANABE Tomohisa</li> <li>5)NAKAYAMA Gaku</li> <li>6)NAKAMURA Yusuke</li> </ul>
11	:NA :NA :NA	

(57) Abstract :

As discussed in detail herein isolated epitope peptides derived from SEMA5B bind to an HLA antigen and induce cytotoxic T lymphocytes (CTL) and thus are suitable for use in the context of cancer immunotherapy more particularly cancer vaccines. The inventive peptides encompass both the above mentioned amino acid sequences and modified versions thereof in which one two or several amino acids are substituted deleted inserted or added provided such modified versions retain the requisite HLA binding and/or CTL inducibility of the original sequences. Further provided are polynucleotides encoding any of the aforementioned peptides as well as pharmaceutical agents or compositions that include any of the aforementioned peptides. The peptides polynucleotides pharmaceutical agents or compositions of this invention find particular utility in the treatment and/or prevention of cancers and tumors including for example esophageal cancer NSCLC RCC and SCLC.

No. of Pages : 93 No. of Claims : 22

(21) Application No.6408/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :07/08/2013

(43) Publication Date : 09/01/2015

(51) International classification	:G01N15/14	(71)Name of Applicant :
(31) Priority Document No	:61/443178	1)MICROBIX BIOSYSTEMS INC.
(32) Priority Date	:15/02/2011	Address of Applicant :265 Watline Avenue Mississauga
(33) Name of priority country	:U.S.A.	Ontario L4Z 1P3 Canada
(86) International Application No	:PCT/US2012/025176	(72)Name of Inventor :
Filing Date	:15/02/2012	1)LUSCHER Mark
(87) International Publication No	:WO 2012/112641	2)MARKS Randall
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

### (54) Title of the invention : METHODS SYSTEMS AND APPARATUS FOR PERFORMING FLOW CYTOMETRY

(57) Abstract :

An apparatus for detecting an analyte in a sample includes an illumination source for generating electromagnetic energy to illuminate the sample at an interrogation region a concave collector element having an optical axis and a focal point the interrogation region being coincident with the focal point of the concave collector element a closed flow cell having a flow path defined between a sample inlet and a sample outlet the flow path passing through the interrogation region and a sorting region disposed downstream of the interrogation region. The portion of the flow path passing through the interrogation region is coaxially aligned with the optical axis of the concave collector element. The apparatus further includes the sample comprising or suspected of comprising the analyte and flowing in the flow path wherein the analyte generates a detectable signal in response to illumination. The apparatus also includes a detector for detecting the detectable signal.

No. of Pages : 267 No. of Claims : 80

(22) Date of filing of Application :31/10/2011

(43) Publication Date : 09/01/2015

(54) Title of the invention : METHOD AND SYSTEM FOR MEASURING USER EXPERIENCE FOR INTERACTIVE **ACTIVITIES** 

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number </li> </ul>	:G06F17/30 :12/426,259 :19/04/2009 :U.S.A. :PCT/US2010/031375 :16/04/2010 :WO 2010/123770 A3 :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)INNERSCOPE RESEARCH, INC. Address of Applicant :98 NORTH WASHINGTON STREET,</li> <li>2ND FLOOR, BOSTON, MASSACHUSETTS 02114 U.S.A.</li> <li>(72)Name of Inventor :</li> <li>1)MRCI, CARL</li> <li>2)LEVINE, BRIAN</li> <li>3)KOTHURI, RAVI KANTH V.</li> </ul>
(61) Patent of Addition to Application	:NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

### (57) Abstract :

The present invention is directed to a method and system for measuring the biometric (physically, behaviorally, biologically and selfreport based) responses of an audience to a presentation or interactive experience that provides a sensory stimulating experience and determining a measure of the level and pattern of engagement of that audience and impact of the presentation or interactive experience. In particular, the invention is directed to a method and system for measuring one or more biometrically based responses of one or more persons being exposed to the presentation in order to determine the moment-to-moment pattern or event based pattern and overall level of engagement. The method and system can include eve tracking to determine areas of the presentation that correspond to high and low levels of biometric responses suggesting high and low levels of visual impact. Further, the invention can be used to determine whether the presentation or the content in the presentation is more effective in a population relative to other presentations (or content) and other populations and to help identify elements of the presentation that contribute to the high level of engagement or impact and the effectiveness and success (or failure) of the presentation for that population.

No. of Pages : 91 No. of Claims : 37

(22) Date of filing of Application :01/10/2013

(43) Publication Date : 09/01/2015

### (54) Title of the invention : BIOCATALYTIC PROCESS FOR PREPARING ESLICARBAZEPINE AND ANALOGS THEREOF

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No</li> <li>Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number</li> <li>Eiling Date</li> </ul>	<ul> <li>(71)Name of Applicant : <ol> <li>CODEXIS INC.</li> <li>Address of Applicant :200 Penobscot Drive Redwood City</li> </ol> </li> <li>(2alifornia 94063 U.S.A.</li> <li>(72)Name of Inventor : <ol> <li>GOHEL Anupam</li> <li>SMITH Derek</li> <li>WONG Brian</li> <li>SUKUMARAN Joly</li> <li>YEO Wan Lin</li> <li>COLLIER Steven J.</li> <li>NOVICK Scott</li> </ol> </li> </ul>
Filing Date (62) Divisional to Application Number Filing Date	

(57) Abstract :

The present disclosure relates to biocatalysts and its uses for the efficient preparation of eslicarbazepine eslicarbazepine acetate and analogs thereof.

No. of Pages : 85 No. of Claims : 43

(21) Application No.8448/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :21/10/2013

(43) Publication Date : 09/01/2015

(51) International classification	:G06Q30/00	(71)Name of Applicant :
(31) Priority Document No	:61/477860	1)RHODES James S. III
(32) Priority Date	:21/04/2011	Address of Applicant :6230 Calle Majorca La Jolla CA 92037
(33) Name of priority country	:U.S.A.	U.S.A.
(86) International Application No	:PCT/US2012/034719	(72)Name of Inventor :
Filing Date	:23/04/2012	1)RHODES James S. III
(87) International Publication No	:WO 2012/145764	
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
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### (54) Title of the invention : TRACKING ACCOUNTING AND REPORTING MACHINE

(57) Abstract :

Feedstock of an agricultural biomass is tracked through a first supply chain. Residue of the agricultural biomass is tracked through a second supply chain. A quantity of fuel produced from the feedstock having a carbon intensity value is determined based on utilization of the residue in the second supply chain.

No. of Pages : 96 No. of Claims : 51

(22) Date of filing of Application :07/11/2013

### (43) Publication Date : 09/01/2015

### (51) International classification :H04L12/56 (71)Name of Applicant : (31) Priority Document No 1)OUALCOMM INCORPORATED :13/101937 (32) Priority Date :05/05/2011 Address of Applicant :Attn: International IP Administration (33) Name of priority country 5775 Morehouse Drive San Diego California 92121 U.S.A. :U.S.A. (86) International Application No :PCT/US2012/035847 (72)Name of Inventor : Filing Date :30/04/2012 1)MUKUNDAN Purandar 2)SALSBERY Brian J. (87) International Publication No :WO 2012/151162 (61) Patent of Addition to Application 3)GARGASH Norman S. :NA Number 4)GIBSON Robert N. :NA Filing Date 5)SWEENEY Sean D. (62) Divisional to Application Number :NA Filing Date :NA

## (54) Title of the invention : METHOD AND SYSTEM FOR DYNAMICALLY CREATING AND SERVICING MASTER SLAVE PAIRS WITHIN AND ACROSS SWITCH FABRICS OF A PORTABLE COMPUTING DEVICE

### (57) Abstract :

A method and system for dynamically creating and servicing master slave pairs within and across switch fabrics of a portable computing device (PCD) are described. The system and method includes receiving a client request comprising a master slave pair and conducting a search for a slave corresponding to the master slave pair. A route for communications within and across switch fabrics is created and that corresponds to the master slave pair. One or more handles or arrays may be stored in a memory device that correspond to the created route. Next bandwidth across the route may be set. After the bandwidth across the newly created route is set the client request originating the master slave pair may be serviced using the created route. Conducting the search for the slave may include comparing unique identifiers assigned to each slave in a master slave hierarchy. The search within and across switch fabrics may also include reviewing a fabric route check table for slaves that can be interrogated within a switch fabric.

No. of Pages : 68 No. of Claims : 40

(19) INDIA

(22) Date of filing of Application :19/07/2013

(43) Publication Date : 09/01/2015

### (54) Title of the invention : COMPOUNDS AND METHODS FOR CONJUGATION OF BIOMOLECULES

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application <ul> <li>Number</li> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application Number</li> <li>Filing Date</li> </ul>	:C07D213/78 :61/449396 :04/03/2011 :U.S.A. :PCT/US2012/027285 :01/03/2012 :WO 2012/121973 :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)LIFE TECHNOLOGIES CORPORATION Address of Applicant :5791 Van Allen Way Carlsbad California 92008 U.S.A.</li> <li>(72)Name of Inventor :</li> <li>1)GEE Kyle</li> <li>2)SINGH Upinder</li> <li>3)GRECIAN Scott</li> </ul>
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(57) Abstract :

Low copper click chemistry 1.3 dipolar cycloadditions and Staudinger ligations for modifying biomolecules is provided.

Compositions methods and kits relating to low copper click chemistry 1.3 dipolar cycloadditions and Staudinger ligations are also provided.

No. of Pages : 179 No. of Claims : 66

(21) Application No.6584/CHENP/2013 A

(22) Date of filing of Application :16/08/2013

(43) Publication Date : 09/01/2015

### (54) Title of the invention : COMPOSITION COMPRISING GLUTEN FREE CEREAL FLOUR

(51) International classification	a :A21D2/18,A21D2/36,A21D13/04	(71)Name of Applicant :
(31) Priority Document No	:61/446308	1)DOW GLOBAL TECHNOLOGIES LLC
(32) Priority Date	:24/02/2011	Address of Applicant :2040 Dow Center Midland MI 48674
(33) Name of priority country	:U.S.A.	U.S.A.
(86) International Application	:PCT/US2012/024279	(72)Name of Inventor :
No	:08/02/2012	1)ZHANG Li
Filing Date	.08/02/2012	2)SCHMITT Robert L.
(87) International Publication No	:WO 2012/115782	
(61) Patent of Addition to	:NA	
Application Number Filing Date	:NA	
(62) Divisional to Application	:NA	
Number	:NA :NA	
Filing Date	.11/2	

(57) Abstract :

A composition which comprises a) a gluten free cereal flour and b) a hydroxypropyl methylcellulose or methyl cellulose having particle sizes such that more than 50 weight percent of the hydroxypropyl methylcellulose or methyl cellulose particles are retained on a sieve of 150 micrometers mesh size and pass through a sieve of 420 micrometers mesh size is useful for producing food products such as gluten free bakery products or gluten free pasta.

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

(22) Date of filing of Application :01/11/2013

### (54) Title of the invention : NOVEL BICYCLIC NITROGEN CONTAINING HETEROARYL TGR5 RECEPTOR MODULATORS

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition t Application Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:C07D215/08,C07D401/04,C07D403/04 :61/479917 :28/04/2011 :U.S.A. :PCT/US2012/035327 :27/04/2012 :WO 2012/149236 O :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)BRISTOL MYERS SQUIBB COMPANY Address of Applicant :Route 206 and Province Line Road Princeton New Jersey 08543 4000 U.S.A.</li> <li>(72)Name of Inventor :</li> <li>1)ROBL Jeffrey A.</li> <li>2)LI Jun</li> <li>3)KENNEDY Lawrence J.</li> <li>4)WALKER Steven J.</li> <li>5)WANG Haixia</li> <li>6)WASHBURN William N.</li> <li>7)AHMAD Saleem</li> <li>8)NGU Khehyong</li> </ul>
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(57) Abstract :

Novel compounds of Formula I:or an enantiomer diastereomer tautomer prodrug or salt thereof wherein m Q T U V ring

No. of Pages : 1004 No. of Claims : 15

(19) INDIA

(22) Date of filing of Application :19/10/2012

(43) Publication Date : 09/01/2015

## (54) Title of the invention : METHOD AND APPARATUS FOR SOUNDING ANTENNAS IN WIRELESS COMMUNICATION

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number <ul> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application Number <ul> <li>Filing Date</li> </ul> </li> </ul>	:H04L25/03,H04L5/00 :61/330,850 :03/05/2010 :U.S.A. :PCT/US2011/035026 :03/05/2011 :WO/2011/140108 :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)QUALCOMM INCORPORATED Address of Applicant :Attn: International IP Administration 5775 Morehouse Drive San Diego California 92121-1714 United States of America</li> <li>(72)Name of Inventor :</li> <li>1)GAAL Peter</li> <li>2)CHEN Wanshi</li> <li>3)MONTOJO Juan</li> <li>4)DAMNJANOVIC Aleksandar</li> </ul>
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(57) Abstract :

Methods and apparatuses are provided that facilitate sounding antennas in wireless communication. In an aspect a method for wireless communication includes determining at least one resource reserved for transmitting a demodulation reference signal and transmitting a sounding reference signal over the at least one resource. In another aspect a method of wireless communication includes signaling a parameter related to sounding multiple antenna ports receiving signals from a device over the multiple antenna ports and estimating a channel related to the signals at least in part by removing a precoding from the signals.

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

(22) Date of filing of Application :08/11/2013

(43) Publication Date : 09/01/2015

### (54) Title of the invention : IMAGE DECODING APPARATUS IMAGE ENCODING APPARATUS AND DATA STRUCTURE OF ENCODED DATA

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:H04N7/30 :2011100081 :27/04/2011 :Japan :PCT/JP2012/061478 :27/04/2012 :WO 2012/147966 :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)SHARP KABUSHIKI KAISHA Address of Applicant :22 22 Nagaike cho Abeno ku Osaka shi Osaka 5458522 Japan</li> <li>(72)Name of Inventor :</li> <li>1)YASUGI Yukinobu</li> <li>2)IKAI Tomohiro</li> <li>3)YAMAMOTO Tomoyuki</li> </ul>
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### (57) Abstract :

A motion video decoding apparatus (1) which decodes a conversion coefficient that is obtained by executing a frequency conversion for each of a plurality of conversion units of pixel values of an image to be converted from TU information (TUI) about encoded data obtained by encoding the conversion coefficient is provided with: an area dividing unit (121) that divides the blocks to be converted which are the above mentioned conversion units into a plurality of decoding areas; and an area decoding unit (122) that decodes the conversion units included in the decoding areas by referring to VLC tables (TBL11) that are decoding information for obtaining the conversion coefficient from the TU information (TUI) and that are allotted to each of the decoding areas.

No. of Pages : 208 No. of Claims : 15

(22) Date of filing of Application :12/11/2013

(43) Publication Date : 09/01/2015

### (54) Title of the invention : SUBSTITUTED SULFONAMIDES USEFUL AS ANTIAPOPTOTIC BCL INHIBITORS

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:C07D403/10,C07D403/12,C07D403/14 :61/489865 :25/05/2011 :U.S.A. :PCT/US2012/039094 :23/05/2012 :WO 2012/162365 <sup>50</sup> :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)BRISTOL MYERS SQUIBB COMPANY Address of Applicant :P.O. Box 4000 Route 206 and ProvinceLine Road Princeton NJ 08543 4000 U.S.A.</li> <li>(72)Name of Inventor :</li> <li>1)BORZILLERI Robert M.</li> <li>2)CAI Zhen wei</li> <li>3)TEBBEN Andrew J.</li> <li>4)PEREZ Heidi L.</li> <li>5)ZHANG Liping</li> <li>6)SCHROEDER Gretchen M.</li> <li>7)WEI Donna D.</li> </ul>
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(57) Abstract :

Disclosed are compounds of Formula (I) or a pharmaceutically acceptable salt thereof wherein: W and Q and G are defined herein. Also disclosed are methods of using such compounds as inhibitors of Bcl 2 family antiapoptotic proteins for the treatment of cancer; and pharmaceutical compositions comprising such compounds.

No. of Pages : 475 No. of Claims : 12

(22) Date of filing of Application :12/11/2013

(43) Publication Date : 09/01/2015

(54) Title of the invention : METHOD FOR PRODUCING DIISOBUTYLENE USING MIXED C4 FRACTION AS RAW MATERIAL

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No</li> </ul>	:C07C2/12,C07C7/04,C07C11/02 :2011144900 :29/06/2011 :Japan :PCT/JP2012/064590	<ul> <li>(71)Name of Applicant :</li> <li>1)IDEMITSU KOSAN CO.LTD. Address of Applicant :1 1 Marunouchi 3 chome Chiyoda ku Tokyo 1008321 Japan</li> <li>(72)Name of Inventor :</li> <li>1)YAMAKAWA Fumio</li> </ul>
Filing Date (87) International Publication	:06/06/2012 :WO 2013/002000	2)TATESAKI Kei 3)NAKAGAWA Takashi
No (61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A method for producing diisobutylene by bringing a raw mixed C4 fraction into contact with a solid acid catalyst the method being characterized by comprising: a step (a) for an oligomerization reaction of isobutene; a step (b) for distillation to separate an unreacted C4 fraction and an oligomer fraction including a generated C8 fraction; and a step (C) for distillation to purify the diisobutylene in the C8 fraction the conversion rate of the isobutene in the mixed C4 fraction being controlled to a range 60 95%.

No. of Pages : 17 No. of Claims : 4

(21) Application No.9054/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :12/11/2013

(43) Publication Date : 09/01/2015

### (54) Title of the invention : DEAD FRONT CABLE TERMINAL WITH ISOLATED SHIELD

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application <ul> <li>Number</li> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application Number</li> <li>Filing Date</li> </ul>	:61/488589 :20/05/2011 :U.S.A. :PCT/US2012/038274 :17/05/2012 :WO 2012/162076 :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)3M INNOVATIVE PROPERTIES COMPANY Address of Applicant :3M Center Post Office Box 33427 Saint Paul Minnesota 55133 3427 U.S.A.</li> <li>(72)Name of Inventor :</li> <li>1)WENTZEL Carl J.</li> <li>2)TAYLOR William L.</li> <li>3)INBERG Brian C.</li> </ul>
Filing Date	:NA	

(57) Abstract :

Provided is a dead front cable terminal comprising a cable assembly and connector device in which the cable insulation shield and cable metallic ground of the cable assembly are electrically isolated from the portion of the outer semi conductive layer of the connecting device that forms part of a chamber in which at least a portion of the cable assembly is located. The terminal is suitable for cross bonding.

No. of Pages : 25 No. of Claims : 15

(21) Application No.9055/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :12/11/2013

(43) Publication Date : 09/01/2015

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application <ul> <li>Number</li> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application Number</li> </ul>	:21/05/2012 :WO 2012/163716 :NA :NA :NA	<ul> <li>(71)Name of Applicant : <ol> <li>WEIDMLLER INTERFACE GMBH &amp; CO. KG</li> <li>Address of Applicant :Klingenbergstr. 16 32758 Detmold</li> </ol> </li> <li>(72)Name of Inventor : <ol> <li>HACKEMACK Frank</li> <li>RICHTS Jrg</li> <li>JASCHKE Bernhard</li> </ol> </li> </ul>
Filing Date	:NA	

### (54) Title of the invention : TEST AND CONNECTION APPARATUS ARRANGEMENT AND TEST APPARATUS

(57) Abstract :

The present invention relates to a test apparatus for a test and connection apparatus arrangement having a test unit which comprises a connecting unit that has a pin element for disconnecting an electrical connection and also has two first measuring connections wherein two electrically conductive contact plates are arranged on the pin element said contact plates each being electrically conductively connected to one of the two first measuring connections wherein the measuring connections are arranged on that side of the test unit which is opposite the pin element wherein the measuring connections are arranged at an angle to one another and/or vertically offset in relation to one another. The present invention also relates to a test apparatus having at least two test units which each comprise a connecting unit having a pin element and two first measuring connections wherein the test units and/or the connecting units are arranged so as to be vertically offset in relation to one another. The present invention to one another. The present invention diso relates to a test apparatus having at least two test units and/or the connecting units are arranged so as to be vertically offset in relation to one another. The present invention also relates to a test and connection apparatus arrangement having a test apparatus of this kind and a connection apparatus into which the test apparatus can be plugged.

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

(21) Application No.9056/CHENP/2013 A

(22) Date of filing of Application :12/11/2013

(43) Publication Date : 09/01/2015

### (54) Title of the invention : HEAT EXCHANGER IN PARTICULAR INTERCOOLER

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application</li> <li>No</li> <li>Filing Date</li> <li>(87) International Publication</li> <li>No</li> <li>(61) Patent of Addition to</li> <li>Application Number</li> <li>Filing Date</li> <li>(62) Divisional to Application</li> <li>Number</li> <li>Filing Date</li> </ul>	<ul> <li>i:F28F9/18,F02B29/04,F28D21/00</li> <li>i:10 2011 075 071.1</li> <li>i:02/05/2011</li> <li>i:Germany</li> <li>:PCT/EP2012/057982</li> <li>:02/05/2012</li> <li>:WO 2012/150237</li> <li>:NA</li> <li>:NA</li> <li>:NA</li> </ul>	<ul> <li>(71)Name of Applicant :</li> <li>1)BEHR GMBH &amp; CO. KG Address of Applicant :Mauserstr. 3 70469 Stuttgart Germany</li> <li>(72)Name of Inventor :</li> <li>1)AUGENSTEIN Claus</li> <li>2)BRONNER Harald</li> <li>3)POSSET Stephan</li> <li>4)KLIPPHAHN Silvia Helena</li> <li>5)TYULYUKOVSKIY Eduard</li> </ul>
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(57) Abstract :

The invention relates to a heat exchanger in particular an intercooler comprising at least one collector box (2) that has a base (3). At least one tube (4) engages into a passage (10) in an approximately perpendicular manner with respect to the base said passage protruding out of the base (3) and surrounding a tube end and the passage (10) has a rectangular cross section that is adapted to the outer circumference of the tube (4). The aim of the invention is to further extend the service life of the heat exchanger with a further reduction of the wall thickness of the collector box base as well as of the tube. This is achieved in that a wall thickness of the passage (10) is thinned at least in a corner region (11).

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

(22) Date of filing of Application :13/06/2013

#### (54) Title of the invention : TRICYCLIC PI3K INHIBITOR COMPOUNDS AND METHODS OF USE

classification ::C0/D48//14,C0/D491/14,C0/D495/14 (31) Priority Document ::61/423694	<ul> <li>(71)Name of Applicant :</li> <li>1)F. HOFFMANN LA ROCHE AG Address of Applicant :Grenzacherstrasse 124 CH 4070 Basel Switzerland</li> <li>(72)Name of Inventor :</li> <li>1)DOTSON Jennafer</li> <li>2)HEALD Robert Andrew</li> <li>3)HEFFRON Timothy</li> <li>4)JONES Graham Elgin</li> <li>5)KRINTEL Sussie Lerche</li> <li>6)MCLEAN Neville James</li> <li>7)NDUBAKU Chudi</li> <li>8)OLIVERO Alan G.</li> <li>9)SALPHATI Laurent</li> <li>10)WANG Lan</li> <li>11)WEI BinQing</li> </ul>
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#### (57) Abstract :

Tricyclic PI3k inhibitor compounds of Formula I with anti cancer activity anti inflammatory activity or immunoregulatory properties and more specifically with PI3 kinase modulating or inhibitory activity are described. Methods are described for using the tricyclic PI3K inhibitor compounds of Formula I for in vitro in situ and in vivo diagnosis or treatment of mammalian cells organisms or associated pathological conditions. Formula I compounds include stereoisomers geometric isomers tautomers and pharmaceutically acceptable salts thereof. The dashed lines indicate an optional double bond and at least one dashed line is a double bond. The substituents are as described.

No. of Pages : 176 No. of Claims : 27

#### (19) INDIA

(22) Date of filing of Application :13/11/2013

#### (43) Publication Date : 09/01/2015

#### (54) Title of the invention : CARD FLAT

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority</li> <li>country</li> <li>(86) International</li> <li>Application No <ul> <li>Filing Date</li> <li>(87) International</li> </ul> </li> <li>Publication No</li> <li>(61) Patent of Addition to</li> <li>Application Number <ul> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to</li> <li>Application Number <ul> <li>Filing Date</li> </ul> </li> </ul>	:D01G15/86,D01G15/88,D01G15/08 :857/11 :20/05/2011 :Switzerland :PCT/CH2012/000108 :16/05/2012 :WO 2012/159220 :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)MASCHINENFABRIK RIETER AG Address of Applicant :Klosterstrasse 20 CH 8406 Winterthur Switzerland</li> <li>(72)Name of Inventor :</li> <li>1)MEDVETCHI Emil</li> <li>2)RIBI Claudio</li> <li>3)JELINEK Pavel</li> </ul>
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### (57) Abstract :

The invention relates to a device for removing dirt and short fibers on a carding machine to the method therefor and to a flat for use in the device. The device has at least one flat comprising a flat bar having a flat clothing having clothing tips and a drum having a drum clothing wherein the flat clothing is arranged opposite the drum clothing at a distance. At least some of the clothing tips are designed as electrode pairs and connected to a high voltage source wherein an electric field is built up between every two clothing tips forming an electrode pair.

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

(21) Application No.9112/CHENP/2013 A

(22) Date of filing of Application :13/11/2013

#### (43) Publication Date : 09/01/2015

#### (54) Title of the invention : IONIC PAPER ELECTRONIC PLATFORM (IPEP)

(57) Abstract :

A method of producing porous ionic conducting material comprising the step of positioning an ionic substance into cellulosic material to form a continuous web or at least one individual sheet of porous ionic cellulosic based material comprising the steps of first producing a web or sheet shaped cellulosic based substrate and thereafter applying liquid comprising room temperature ionic liquids. The porous ionic conducting material is used in flexible electronic device by using the material as a substrate and applying a conducting material. A sensor assembly for sensing a property of an object comprising at least one sensor wherein said sensor assembly comprises a flexible web or sheet shaped material. An authentication device for verifying the authenticity of an object. The device comprising at least one flexible electronic device. A method for verifying an authenticity of an object

No. of Pages : 31 No. of Claims : 21

(21) Application No.9113/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :13/11/2013

(43) Publication Date : 09/01/2015

(51) International classification	:G02B6/38	(71)Name of Applicant :
(31) Priority Document No	:13/153945	1)PANDUIT CORP.
(32) Priority Date	:06/06/2011	Address of Applicant :18900 Panduit Drive Tinley Park IL
(33) Name of priority country	:U.S.A.	60487 U.S.A.
(86) International Application No	:PCT/US2012/039590	(72)Name of Inventor :
Filing Date	:25/05/2012	1)IRWIN Phillip J.
(87) International Publication No	:WO 2012/170221	2)DALTON John
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (54) Title of the invention : DUPLEX CLIP ASSEMBLY FOR FIBER OPTIC CONNECTORS

(57) Abstract :

This application describes several embodiments of a duplex clip assembly (100) for use in aiding the insertion and removal of a pair of LC fiber optic connectors (101). In one embodiment the assembly includes a clip body (102)with a hood (107). The clip body has a central wall upper tabs and lower tabs configured to loosely retain a pair of LC connectors such as to allow the clip body to move axially relative to the LC connectors. The hood is configured to engage a camming surface on the LC connector latches when the clip body is moved axially rearward relative to the LC connector. In a second embodiment the assembly (400) includes a duplex housing (451) and a housing cover (452). The duplex housing retains the LC connectors such as to allow them to rotate. The housing cover has a hood (459) protruding from the top configured to engage a camming surface on the LC connector latches.

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

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(19) INDIA

(22) Date of filing of Application :03/09/2012

(43) Publication Date : 09/01/2015

(54) Title of the invention : AUTOMATIC POSITIONING OF IMAGING PLANE IN ULTRASONIC IMAGING		
(51) International classification	:A61B8/08,A61B8/14	(71)Name of Applicant :
(31) Priority Document No	:61/315515	1)KONINKLIJKE PHILIPS ELECTRONICS N.V.
(32) Priority Date	:19/03/2010	Address of Applicant :GROENEWOUDSEWEG 1
(33) Name of priority country	:U.S.A.	EINDHOVEN 5621 BA NETHERLANDS
(86) International Application No	:PCT/IB2011/050964	(72)Name of Inventor :
Filing Date	:08/03/2011	1)GAUTHIER Thomas Patrice Jean Arsene
(87) International Publication No	:WO/2011/114259	2)JAGO James R.
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.117	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention is directed to a method for ultrasonic imaging in which two-dimensional images (10 11) are acquired one of which is aligned with a longitudinal direction of an interventional object (e.g. a needle) (13) to be moved towards a target area (7) within a subject of examination and the other one is intersecting the longitudinal direction of the interventional object (13) and automatically positioned dependent on the automatically determined position and orientation of the interventional object (13). Further the invention is directed to an ultrasonic imaging device (1) adapted to conduct such a method.

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

(22) Date of filing of Application :21/10/2013

#### (43) Publication Date : 09/01/2015

#### (54) Title of the invention : ARYL OR HETEROARYL SUBSTITUTED BENZENE COMPOUNDS

	<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International</li> <li>Application No <ul> <li>Filing Date</li> <li>(87) International</li> </ul> </li> <li>Publication No</li> <li>(61) Patent of Addition to</li> <li>Application Number <ul> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to</li> </ul>	:C07D213/64,C07D401/12,C07D405/12 :61/474821 :13/04/2011 :U.S.A. :PCT/US2012/033648 :13/04/2012 :WO 2012/142504 :NA :NA	<ul> <li>(71)Name of Applicant : <ul> <li>1)EPIZYME INC.</li> <li>Address of Applicant :400 Technology Square 4th Floor</li> </ul> </li> <li>Cambridge MA 02139 U.S.A.</li> <li>(72)Name of Inventor : <ul> <li>1)KUNTZ Kevin Wayne</li> <li>2)CHESWORTH Richard</li> <li>3)DUNCAN Kenneth William</li> <li>4)KEILHACK Heike</li> <li>5)WARHOLIC Natalie</li> <li>6)KLAUS Christine</li> <li>7)SEKI Masashi</li> <li>8)SHIROTORI Syuji</li> <li>9)KAWANO Satoshi</li> <li>10)WIGLE Timothy James Nelson</li> </ul> </li> </ul>
_	Application Number Filing Date	:NA :NA	
	(57) Abstract:		

#### (57) Abstract :

The present invention relates to aryl or heteroaryl substituted benzene compounds. The present invention also relates to pharmaceutical compositions containing these compounds and methods of treating cancer by administering these compounds and pharmaceutical compositions to subjects in need thereof. The present invention also relates to the use of such compounds for research or other non therapeutic purposes.

No. of Pages : 457 No. of Claims : 63

(21) Application No.8771/CHENP/2013 A

(19) INDIA(22) Date of filing of Application :31/10/2013

(43) Publication Date : 09/01/2015

#### (54) Title of the invention : TEMPERATURE DRIVEN AIRLINK SELECTION IN A MULTI MODE WIRELESS DEVICE (51) International classification :H04W48/18 (71)Name of Applicant : (31) Priority Document No 1)QUALCOMM INCORPORATED :13/100161 (32) Priority Date Address of Applicant :Attn: International IP Administration :03/05/2011 (33) Name of priority country 5775 Morehouse Drive San Diego California 92121 U.S.A. :U.S.A. (86) International Application No :PCT/US2012/035843 (72)Name of Inventor : 1)ANDERSON Jon J. Filing Date :30/04/2012 (87) International Publication No :WO 2012/151161 2)THIELEN Joshua D. (61) Patent of Addition to Application 3)SUR Sumit :NA Number 4)NIEMANN Jeffrey A. :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

A method and system for temperature driven airlink selection in a multi mode wireless device is disclosed. The method may include monitoring a temperature in the multi mode wireless device while the multi mode wireless device operates in a first airlink mode determining whether to switch the airlink mode of the multi mode wireless device in response to a change in the monitored temperature and switching the multi mode wireless device to operate in a second airlink mode in response to a determination to switch the airlink mode.

No. of Pages : 39 No. of Claims : 44

(21) Application No.8772/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :31/10/2013

(43) Publication Date : 09/01/2015

#### (54) Title of the invention : METHOD AND APPARATUS FOR A MOBILE DEVICE TO OPTIMIZE SIGNAL ACQUISITION (51) International classification :G08B (71)Name of Applicant : (31) Priority Document No 1)QUALCOMM INCORPORATED :12/622,338 (32) Priority Date Address of Applicant :5775 MOREHOUSE DRIVE, SAN :19/11/2009 (33) Name of priority country DIEGO, CALIFORNIA 92121-1714 U.S.A. :U.S.A. (86) International Application No :PCT/US2010/056978 (72)Name of Inventor : **1)MOHIT NARANG** Filing Date :17/11/2011 (87) International Publication No :WO/2011/062957 2)JONATHAN RICHARD COOK (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :4357/CHENP/2012 Filed on :17/05/2012

#### (57) Abstract :

A method for a mobile device to optimize signal acquisition from a radio access network, comprising: scanning a radio frequency spectrum for radio access network signals; detecting a plurality of signals corresponding to a plurality of channels of a first network type having a first channel bandwidth; determining a power level of each detected signal on each of the plurality of channels; discarding ones of the plurality of signals having substantially equal power within a first frequency range to define a first remaining set of the plurality of signals, wherein the first frequency range corresponds to a second channel bandwidth of a second network type, wherein the second channel bandwidth is a wideband channel bandwidth; discarding ones of the first remaining set of the plurality of signals not exhibiting known channel spacing associated with the first network type to define a second remaining set of the plurality of signals; and selecting one of the second remaining set of the plurality of signals for acquisition.

No. of Pages : 35 No. of Claims : 32

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

(43) Publication Date : 09/01/2015

#### (54) Title of the invention : ESTOLIDE COMPOSITIONS EXHIBITING HIGH OXIDATIVE STABILITY

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(33) Name of priority</li> <li>(33) Name of priority</li> <li>(34) Name of priority</li> <li>(35) Name of priority</li> <li>(36) International</li> <li>(37) International</li> <li>(38) International</li> <li>(38) International</li> <li>(39) International</li> <li>(30) International</li> <li>(31) International</li> <li>(31) International</li> <li>(32) International</li> <li>(31) International</li> <li>(32) International</li> <li>(31) International</li> <li>(32) International</li> <li>(32) International</li> <li>(33) International</li> <li>(34) International</li> <li>(35) International</li> <li>(36) International</li> <li>(36) International</li> <li>(37) International</li> <li>(38)</li></ul>	<ul> <li>(71)Name of Applicant :</li> <li>1)BIOSYNTHETIC TECHNOLOGIES LLC Address of Applicant :2 Park Plaza Suite 200 Irvine California 92614 U.S.A.</li> <li>(72)Name of Inventor :</li> <li>1)BREDSGUARD Jakob 2)THOMPSON Travis 3)FOREST Jeremy</li> </ul>
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### (57) Abstract :

Provided herein are estolide compositions having high oxidative stability said compositions comprising at least one compound of formula: (I) in which n is an integer equal to or greater than 0; m is an integer equal to or greater than 1; R independently for each occurrence is selected from optionally substituted alkyl that is saturated or unsaturated and branched or unbranched; R is selected from hydrogen and optionally substituted alkyl that is saturated or unsaturated and branched; and R and R independently for each occurrence are selected from optionally substituted alkyl that is saturated or unsaturated and branched or unbranched; Also provided herein are uses for the compositions and methods of preparing the same.

No. of Pages : 91 No. of Claims : 37

(19) INDIA

(22) Date of filing of Application :19/10/2012

(43) Publication Date : 09/01/2015

(51) International classification	:G06F3/043	(71)Name of Applicant :
(31) Priority Document No	:12/732,132	1)ELO TOUCH SOLUTIONS INC.
(32) Priority Date	:25/03/2010	Address of Applicant :301 Constitution Drive Menlo Park CA
(33) Name of priority country	:U.S.A.	94025 United States of America
(86) International Application No	:PCT/US2011/028463	2)TOUCH PANEL SYSTEMS K.K.
Filing Date	:15/03/2011	(72)Name of Inventor :
(87) International Publication No	:WO 2011/119368	1)TANAKA Yoshikazu
(61) Patent of Addition to Application	:NA	2)GAO Ting
Number	:NA	3)KENT Joel C.
Filing Date	.INA	4)HALLER Jeffrey T.
(62) Divisional to Application Number	:NA	5)SCHARFF Daniel H.
Filing Date	:NA	6)AVERY Timothy

#### (54) Title of the invention : BEZEL-LESS ACOUSTIC TOUCH APPARATUS

(57) Abstract :

An acoustic touch apparatus is provided that includes a substrate capable of propagating surface acoustic waves such as Rayleightype or Love-type waves. The substrate has a front surface a back surface and a curved connecting surface formed between the front surface and the back surface. The apparatus also includes at least one acoustic wave transducer and at least one reflective array the acoustic wave transducer and the reflective array behind the back surface of the substrate. The acoustic wave transducer is capable of transmitting or receiving surface acoustic waves to or from the reflective array. The reflective array is capable of acoustically coupling the surface acoustic waves to propagate from the back surface and across the front surface via the curved connecting surface. Various types of acoustic touch apparatus with edge sensitive touch functions can be provided according to specific embodiments.

No. of Pages : 63 No. of Claims : 30

(21) Application No.10425/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :14/12/2012

(43) Publication Date : 09/01/2015

## (54) Title of the invention : METHOD AND SYSTEM TO REDUCE THE POWER CONSUMPTION OF A MEMORY DEVICE

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> </ul>	:12/823,047 :01/07/2010 :U.S.A.	<ul> <li>(71)Name of Applicant :</li> <li>1)INTEL CORPORATION <ul> <li>Address of Applicant :2200 MISSION COLLEGE BLVD.</li> </ul> </li> <li>SANTA CLARA CA 95052 U.S.A.</li> <li>(72)Name of Inventor :</li> <li>1)COHEN Ehud</li> <li>2)MARGULIS Oleg</li> </ul>
Filing Date		
	:WO/2011/163417	
(61) Patent of Addition to Application	:NA	3)SADE Rannan
Number Filing Date	:NA	4)SHWARTSMAN Stanisla
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method and system to reduce the power consumption of a memory device. In one embodiment of the invention the memory device is a N-way set-associative level one (L1) cache memory and there is logic coupled with the data cache memory to facilitate access to only part of the N-ways of the N-way set-associative L1 cache memory in response to a load instruction or a store instruction. By reducing the number of ways to access the N-way set-associative L1 cache memory for each load or store request the power requirements of the N-way set-associative L1 cache memory is reduced in one embodiment of the invention. In one embodiment of the invention when a prediction is made that the accesses to cache memory only requires the data arrays of the N-way set-associative L1 cache memory only requires the data arrays of the N-way set-associative L1 cache memory only requires the data arrays of the N-way set-associative L1 cache memory only requires the data arrays of the N-way set-associative L1 cache memory only requires the data arrays of the N-way set-associative L1 cache memory only requires the data arrays of the N-way set-associative L1 cache memory only requires the data arrays of the N-way set-associative L1 cache memory only requires the data arrays of the N-way set-associative L1 cache memory only requires the data arrays of the N-way set-associative L1 cache memory only requires the data arrays of the N-way set-associative L1 cache memory the access to the fill buffers are deactivated or disabled.

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

(19) INDIA

(22) Date of filing of Application :25/06/2013

(54) Title of the invention : AN ARTICLE OF FOOTWEAR		
<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>		(71)Name of Applicant : 1)THAIKATTIL, JOSE Address of Applicant :THAIKATTIL HOUSE, OLLUKARA P.O, THRISSUR 680 655 Kerala India (72)Name of Inventor : 1)THAIKATTIL, JOSE

(57) Abstract :

This invention provides an article of footwear having a forefoot cover and a heel cap portion wherein a shoe member is provided outer to the said heel cap portion and a guide sheath member is provided bridging the said heel cap portion and shoe horn member towards their top ends, said guide sheath member extending over the top edge of and being reflected back from the said shoe horn member and being attached to the said shoe horn member towards the top edge of the latter.

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

(19) INDIA

(22) Date of filing of Application :20/05/2013

#### (43) Publication Date : 09/01/2015

#### (51) International classification :C22C33/04 (71)Name of Applicant : (31) Priority Document No 1)POSCO :1020100115874 (32) Priority Date :19/11/2010 Address of Applicant :1 Goedong dong Nam ku Pohang shi (33) Name of priority country Kyungsangbuk do 790 300 Republic of Korea :Republic of Korea (86) International Application No (72)Name of Inventor : :PCT/KR2011/007801 Filing Date :19/10/2011 1)LEE Young Seok :WO 2012/067353 (87) International Publication No 2)CHO Minyoung (61) Patent of Addition to Application 3)YOON Young Sik :NA Number 4)KANG Yong Soo :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

#### (54) Title of the invention : METHOD AND APPARATUS FOR MANUFACTURING FERROCHROME

(57) Abstract :

Provided is a method and apparatus for manufacturing ferrochrome. According to the present invention the method for manufacturing ferrochrome comprises the steps of: heating fine chromium ore; pre reducing the heated fine chromium ore; mixing a flux into the fine chromium ore; preparing a compacted body after mixing the pre reduced fine chromium ore and the flux; and loading the compacted body into a smelting reduction furnace and performing smelting reduction through the combustion of carbonaceous material. According to the present invention fine chromium ore can be compacted in a non melted state and smelting reduction can be carried out at a low temperature using a flux. Thus ferrochrome can be stably manufactured in the smelting reduction furnace utilizing a carbon based heat source.

No. of Pages : 41 No. of Claims : 22

(22) Date of filing of Application :12/11/2013

(43) Publication Date : 09/01/2015

#### (54) Title of the invention : SPIRO OXINDOLE MDM2 ANTAGONISTS

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International</li> <li>Application No <ul> <li>Filing Date</li> <li>(87) International</li> <li>Publication No</li> <li>(61) Patent of Addition</li> <li>Application Number</li> <li>Filing Date</li> <li>(62) Divisional to</li> <li>Application Number</li> <li>Filing Date</li> </ul> </li> </ul>	:C07D487/10,C07D413/12,A61K31/407 :61/484986 :11/05/2011 :U.S.A. :PCT/US2012/037570 :11/05/2012 :WO 2012/155066 to :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)THE REGENTS OF THE UNIVERSITY OF MICHIGAN Address of Applicant :1600 Huron Parkway 2nd Floor Ann Arbor MI 48109 2590 U.S.A.</li> <li>2)SANOFI</li> <li>(72)Name of Inventor :</li> <li>1)WANG Shaomeng</li> <li>2)SUN Wei</li> <li>3)AGUILAR Angelo</li> <li>4)GARCIA ECHEVERRIA Carlos</li> </ul>
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(57) Abstract :

Provided herein are compounds compositions and methods in the field of medicinal chemistry. The compounds and compositions provided herein relate to spiro oxindoles which function as antagonists of the interaction between p53 and MDM2 and their use as therapeutics for the treatment of cancer and other diseases.

No. of Pages : 179 No. of Claims : 46

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

(43) Publication Date : 09/01/2015

#### (54) Title of the invention : IMPROVED PEPTIDE PHARMACEUTICALS

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No</li> <li>Filing Date</li> </ul>		<ul> <li>(71)Name of Applicant :</li> <li>1)EUMEDERIS PHARMACEUTICALS INC. Address of Applicant :12707 High Bluff Drive Suite 200 San Diego CA 92131 U.S.A.</li> <li>(72)Name of Inventor :</li> <li>1)NESTOR John J.</li> </ul>
(87) International Publication No	:WO 2012/158962	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Described herein are methods of syntheses and therapeutic uses of covalently modified peptides and/or proteins. The covalently modified peptides and/or proteins allow for improved pharmaceutical properties of peptide and protein based therapeutics.

No. of Pages : 206 No. of Claims : 40

# (22) Date of filing of Application :20/11/2013

(43) Publication Date : 09/01/2015

#### (54) Title of the invention : ISOLATION MONITORING USING A TEST SIGNAL OF VARIABLE FREQUENCY

(51) International classification	:G01R27/02,G01R27/18,G01R31/02	(71)Name of Applicant : 1)SMA SOLAR TECHNOLOGY AG
(31) Priority Document No	:10 2011 050 590.3	Address of Applicant :Sonnenallee 1 34266 Niestetal Germany
(32) Priority Date	:24/05/2011	(72)Name of Inventor :
(33) Name of priority country	y:Germany	1)HERMELING Dirk
<ul> <li>(86) International</li> <li>Application No</li> <li>Filing Date</li> <li>(87) International Publication</li> <li>No</li> <li>(61) Patent of Addition to</li> <li>Application Number</li> <li>Filing Date</li> <li>(62) Divisional to</li> <li>Application Number</li> </ul>	:PCT/EP2012/059650 :24/05/2012	2)LEHMANN Reinhard

(57) Abstract :

In monitoring an isolation of an ungrounded power grid an AC voltage source (12) is connected to the power grid via at least one test resistor (R). A test signal (u) with a periodic continuous voltage course with regard to ground and with a frequency is applied to the power grid by means of the AC voltage source (12). A leakage current (i) flowing due to the test signal (Up) is measured; and an ohmic isolation resistance (R) is determined from the leakage current (i). The frequency of the test signal (Up) is varied such that an active current part of the leakage current (i) keeps a predetermined recommended value at varying leakage capacitances (C C) of the power grid. This provides for a desired level of accuracy at maximum speed of isolation or ground fault detection.

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

(19) INDIA

(22) Date of filing of Application :15/10/2013

#### (43) Publication Date : 09/01/2015

#### (54) Title of the invention : DISPOSABLE DIAPER

#### (57) Abstract :

An underwear type disposable diaper (1) is obtained by joining the following three separate substantially rectangular articles to one another: a front torso surrounding member (2) a back torso surrounding member (3) and an absorbent body (4). Therein by providing compression parts (15) at specific locations in an absorbent core (14) contained in the absorbent body (4) it is possible to suppress segmentation of the absorbent core (14) caused by wearer movement. The compression parts (15) are provided: so as to straddle the line or the extension line thereof on which a torso surrounding elastic member (10a) closest to the crotch region is positioned; and so as to extend into both the crotch region (5) and the region where the absorbent core (14) and the front torso surrounding member (2) or the back torso surrounding member (3) overlap.

No. of Pages : 35 No. of Claims : 9

(22) Date of filing of Application :14/11/2013

(43) Publication Date : 09/01/2015

#### (54) Title of the invention : NOISE ROBUST SPEECH CODING MODE CLASSIFICATION

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No</li> <li>Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> </ul>	:PCT/US2012/033372 :12/04/2012	<ul> <li>(71)Name of Applicant :</li> <li>1)QUALCOMM INCORPORATED Address of Applicant :Attn: International IP Adminstration 5775 Morehouse Drive San Diego California 92121 U.S.A. (72)Name of Inventor : 1)DUNI Ethan Robert 2)RAJENDRAN Vivek</li></ul>
(62) Divisional to Application Number Filing Date	<sup>h</sup> :NA :NA	

(57) Abstract :

A method of noise robust speech classification is disclosed. Classification parameters are input to a speech classifier from external components. Internal classification parameters are generated in the speech classifier from at least one of the input parameters. A Normalized Auto correlation Coefficient Function threshold is set. A parameter analyzer is selected according to a signal environment. A speech mode classification is determined based on a noise estimate of multiple frames of input speech.

No. of Pages : 53 No. of Claims : 46

(22) Date of filing of Application :04/10/2013

#### (54) Title of the invention : INTRANASAL BENZODIAZEPINE PHARMACEUTICAL COMPOSITIONS

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International</li> <li>Application No Filing Date</li> <li>(87) International</li> <li>Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> <li>(57) Abstract in the second secon</li></ul>	:A61K31/5513,A61K31/5517,A61K9/12 :61/469940 :31/03/2011 :U.S.A. :PCT/US2012/031453 :30/03/2012 :WO 2012/135619 :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)ACORDA THERAPEUTICS INC. Address of Applicant :420 Saw Mill River Road Ardsley NY 10502 U.S.A.</li> <li>2)SK BIOPHARMACEUTICALS CO. LTD.</li> <li>(72)Name of Inventor :</li> <li>1)BREAM Gary</li> <li>2)KHAYRALLAH Moise A.</li> <li>3)BAEK Myoung Ki</li> <li>4)JO Jae Hoon</li> <li>5)CHANG Hye Jin</li> </ul>
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(57) Abstract :

The present invention generally relates to intranasal pharmaceutical compositions comprising a benzodiazepine and methods of use thereof that can provide a therapeutic effect without a decrease in blood pressure and/or pulse after administration of the pharmaceutical composition.

No. of Pages : 88 No. of Claims : 39

(19) INDIA

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

(43) Publication Date : 09/01/2015

#### (54) Title of the invention : GROUPING PERSONAL ACCOUNTS TO TAILOR A WEB SERVICE

(57) Abstract :

This document describes grouping personal accounts to tailor a web service. By grouping personal accounts a service provider may tailor a web service to multiple people based on information about those people.

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

#### (19) INDIA

(22) Date of filing of Application :17/02/2010

#### (43) Publication Date : 09/01/2015

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> </ul>	:A23C19/032,A21D8/04,C07K14/195 :0716126.8 :17/08/2007 :U.K. :PCT/IB2008/002573 :14/08/2008 :WO 2009/024862 A2	<ul> <li>(71)Name of Applicant :</li> <li>1)DANISCO A/S <ul> <li>Address of Applicant :LANGEBROGADE 1, PO BOX 17,</li> <li>DK-1001 COPENHAGEN K Denmark</li> </ul> </li> <li>(72)Name of Inventor : <ul> <li>1)LARSEN, NIELS, ERIK</li> <li>2)SOE, JORN, BORCH</li> </ul> </li> </ul>
country	:U.K.	1)LARSEN, NIELS, ERIK
Application No		2)SOE, JORN, BORCH
(87) International Publication No	:WO 2009/024862 A2	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

#### (54) Title of the invention : PROCESS

(57) Abstract :

The use of a lipid acyliransferase in the manufacture of III-IT milk for improving the stability, particularly the long term stability, and/or improving the perceptible sensory difference and/or improving smell and/or taste and/or for reducing the cholesterol content and/or for eliminating or reducing creaming of the 1INT milk for reducing the cholesterol content in the UHT milk-1 A method of producing 0111 milk, wherein method comprises admixing a lipid acyltransferase and milk (including a step of processing the milk to make it a 1INT milk)- Preferably said lipid acyltranferase is a polypeptide having lipid acyltransferase activity which polypeptide is obtained by expression of the nucleotide sequence shown as SEQ U) No.. 49 or a nucleotide sequence which as has 70% or more identity therewith; and/or is obtained by expression of a nucleic acid which hybridises under medium stringency conditions to a nucleic probe comprising the nucleotide sequence shown as SEQ 11) No- 49; and/or is a polypeptide having lipid acyltranferase activity which polypeptide comprises the amino acid sequence shown as SEQ II) No 68 or an amino acid sequence sequence which as has 70% or more identity therewith.

No. of Pages : 276 No. of Claims : 30

(19) INDIA

(22) Date of filing of Application :16/11/2013

(43) Publication Date : 09/01/2015

<ul><li>(51) International classification</li><li>(31) Priority Document No</li><li>(22) Priority Data</li></ul>	:G06F19/00 :61/481945	<ul> <li>(71)Name of Applicant :</li> <li>1)KONINKLIJKE PHILIPS N.V.</li> </ul>
<ul><li>(32) Priority Date</li><li>(33) Name of priority country</li></ul>	:03/05/2011 :U.S.A.	Address of Applicant :High Tech Campus 5 NL 5656 AE Eindhoven Netherlands
(86) International Application No Filing Date	:PCT/IB2012/051626 :03/04/2012	<ul><li>(72)Name of Inventor :</li><li>1)NORTMANN Charles</li></ul>
<ul><li>(87) International Publication No</li><li>(61) Patent of Addition to Application</li></ul>	:WO 2012/150514	2)SUHY Julianne Murray
Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

#### (54) Title of the invention : METHOD AND SYSTEM FOR IMAGE ACQUISITION WORKFLOW.

(57) Abstract :

A method and system for image acquisition workflow are provided. The imaging acquisition system is configured to implement an imaging acquisition protocol. Then imaging data is acquired according to the protocol. At least some identification information is entered during the imaging data acquisition. The entered identification information may be checked for errors during the imaging acquisition. The imaging data and identification information are then stored together. Identification information may include for example a patient s name and/or identification number date of birth sex height weight race or ethnicity and perhaps yet other information.

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

(22) Date of filing of Application :12/11/2013

(43) Publication Date : 09/01/2015

#### (54) Title of the invention : PROVIDING MULTIPLE LAYERS OF SECURITY TO FILE STORAGE BY AN EXTERNAL STORAGE PROVIDER

(51) International classification	:G06F17/30,H04L9/00	(71)Name of Applicant :
(31) Priority Document No	:61/488598	1)CITRIX SYSTEMS INC.
(32) Priority Date	:20/05/2011	Address of Applicant :851 West Cypress Creek Road Fort
(33) Name of priority country	:U.S.A.	Lauderdale FL 33309 U.S.A.
(86) International Application No	:PCT/US2012/037307	(72)Name of Inventor :
Filing Date	:10/05/2012	1)LINDEN Robert Van Der
(87) International Publication No	:WO 2012/161980	
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		L

#### (57) Abstract :

A method that may include detecting by a processor of a computing device a network communication regarding transmission of a file to an external storage provider. The method may include causing encryption of the file to obtain an encrypted file and associating authorization information with the encrypted file. The authorization information may include one or more restrictions on access to the encrypted file. The method may include transmitting the encrypted file to the external storage provider and intercepting a request for access to the file. The method may include identifying requestor information regarding a requestor associated with the request and determining using the requestor information and a portion of the authorization information that the requestor is authorized to access the encrypted file. The method may include causing decryption of the encrypted file to obtain the original file and providing to the requestor by the processor access to the original file.

No. of Pages : 87 No. of Claims : 20

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

#### (43) Publication Date : 09/01/2015

#### (54) Title of the invention : BISPECIFC ANTIBODIES AGAINST HER2

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority</li> <li>country</li> <li>(86) International</li> <li>Application No <ul> <li>Filing Date</li> <li>(87) International</li> </ul> </li> <li>Publication No</li> <li>(61) Patent of Addition to</li> <li>Application Number <ul> <li>Filing Date</li> <li>(62) Divisional to</li> </ul> </li> </ul>	:A61K39/395,A61P35/00,C07K16/32 :PCT/EP2011/056388 :20/04/2011 :EPO :PCT/EP2012/057303 :20/04/2012 :WO 2012/143523 :NA :NA	<ul> <li>(71)Name of Applicant : <ol> <li>GENMAB A/S</li> <li>Address of Applicant :Bredgade 34 E DK 1260 Copenhagen K</li> </ol> </li> <li>Denmark </li> <li>(72)Name of Inventor : <ol> <li>DE GOELJ Bart</li> <li>VAN BERKEL Patrick</li> <li>STRUMANE Kristin</li> <li>LABRIJN Aran Frank</li> <li>NELJSSEN Joost J.</li> <li>MEESTERS Joyce I.</li> <li>PARREN Paul</li> <li>SCHUURMAN Janine</li> </ol> </li> </ul>
(62) Divisional to Application Number Filing Date	:NA :NA	

#### (57) Abstract :

Bispecific antibodies which comprise antigen binding regions binding to two different epitopes of human epidermal growth factor receptor 2 (HER2) and related antibody based compositions and molecules are disclosed. Pharmaceutical compositions comprising the antibodies and methods of preparing and using the antibodies are also disclosed.

No. of Pages : 319 No. of Claims : 99

(22) Date of filing of Application :05/11/2013

(43) Publication Date : 09/01/2015

#### (54) Title of the invention : CYCLOHEXANONE COMPOUNDS AND HERBICIDES COMPRISING THE SAME

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No</li> </ul>	:A01P13/00,C07C225/18,C07C49/747 :2011120029 :30/05/2011 :Japan :PCT/JP2012/064349 :29/05/2012	<ul> <li>(71)Name of Applicant :</li> <li>1)SUMITOMO CHEMICAL COMPANY LIMITED Address of Applicant :27 1 Shinkawa 2 chome Chuo ku Tokyo 1048260 Japan</li> <li>(72)Name of Inventor :</li> <li>1)NAKASHIMA Yosuke</li> <li>2)JIN Yoshinobu</li> <li>3)KONOBE Masato</li> </ul>
Filing Date (87) International Publication No	:WO 2012/165648	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

#### (57) Abstract :

The present invention provides a compound having an excellent efficacy for controlling weeds. A cyclohexanone compound of the formula (I): wherein m is an integer of 1 2 or 3; n is an integer of any one of 1 to 5; X represents CH O S S(O) or S(O); R represents a hydrogen atom or a methyl group; R and R represents a hydrogen atom a C alkyl group and the like; R represents a C aryl group or a five to six membered heteroaryl group; G represents a hydrogen atom and the like; Z represents a halogen atom a cyano group a nitro group a phenyl group a C alkyl group and the like; is useful as an active ingredient for herbicides.

No. of Pages : 300 No. of Claims : 10

(22) Date of filing of Application :30/10/2012

#### (43) Publication Date : 09/01/2015

(54) Title of the invention : COMBUSTION EQUIPMENT		
<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No</li> <li>Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to</li> <li>Application Number</li> <li>Filing Date</li> <li>(62) Divisional to Application</li> <li>Number</li> <li>Filing Date</li> </ul>	:16/03/2012	<ul> <li>(71)Name of Applicant :</li> <li>1)CHUGAI RO CO. LTD. Address of Applicant :6 1 Hirano machi 3 chome Chuo ku Osaka shi Osaka 5410046 Japan</li> <li>(72)Name of Inventor :</li> <li>1)KAWAMOTO Yusaku</li> <li>2)KITAMURA Kazuya</li> <li>3)ASAYAMA Yusuke</li> <li>4)KATAYAMA Tomoki</li> </ul>

#### (57) Abstract :

Provided is a combustion device capable of using high temperature combustion air and capable of forming a flame which whirls and extends in the diameter direction wherein the combustion device is provided with: a cylindrical portion (5) defining a cylindrical space (4) having a cylindrical shape; a diameter extension portion (7) defining a diameter extension space (6) in which the diameter expands from the cylindrical space (4) toward the inside of a furnace (1); and a nozzle passage (8) comprising a first side (8a) defined by a plane abutting the cylindrical space (4) a second side (8b) defined by a plane opposing the first side (8a) and a third side (8c) defined by a plane which is bent and extended from the second side (8b) and abuts the cylindrical space (4).

No. of Pages : 24 No. of Claims : 8

(21) Application No.9244/CHENP/2013 A

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

(43) Publication Date : 09/01/2015

#### (54) Title of the invention : WELLBORE FLUID USED WITH SWELLABLE ELEMENTS

<ul> <li>classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country:</li> <li>(86) International Application</li> <li>No</li> <li>Filing Date</li> <li>(87) International Publication</li> <li>No</li> <li>(61) Patent of Addition to</li> <li>Application Number</li> <li>Filing Date</li> <li>(62) Divisional to Application</li> <li>Number</li> </ul>	PCT/US2012/038494 18/05/2012 WO 2012/162117 NA NA	<ul> <li>(71)Name of Applicant :</li> <li>1)M I L.L.C. Address of Applicant :5950 North Course Drive Houston Texas 77072 U.S.A.</li> <li>(72)Name of Inventor :</li> <li>1)LUYSTER Mark</li> <li>2)OFFENBACHER Matthew</li> </ul>
Filing Date	.11A	

(57) Abstract :

A method for completing a wellbore may include introducing a wellbore fluid into a wellbore the wellbore fluid having a base fluid; and a solid weighting agent having a d90 of less than 20 microns; where the method may also include contacting the wellbore fluid with a swellable element in the wellbore; and allowing swelling of the swellable element.

No. of Pages : 35 No. of Claims : 20

### (54) Title of the invention : NOVEL CYCLIC AZABENZIMIDAZOLE DERIVATIVES USEFUL AS ANTI DIABETIC AGENTS

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number <ul> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application Number <ul> <li>Filing Date</li> </ul> </li> </ul>	:A01N43/58 :61/446551 :25/02/2011 :U.S.A. :PCT/US2012/026261 :23/02/2012 :WO 2012/116145 :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)MERCK SHARP &amp; DOHME CORP. Address of Applicant :126 East Lincoln Avenue Rahway NJ</li> <li>07065 0907 U.S.A.</li> <li>(72)Name of Inventor :</li> <li>1)ANAND Rajan</li> <li>2)APGAR James M.</li> <li>3)BIFTU Tesfaye</li> <li>4)CHEN Ping</li> <li>5)CHU Lin</li> <li>6)COLANDREA Vincent J.</li> <li>7)DONG Guizhen</li> <li>8)DROPINSKI James F.</li> <li>9)FENG Danqing</li> <li>10)HICKS Jacqueline D.</li> <li>11)JIANG Jinlong</li> <li>12)KIM Alexander J.</li> <li>13)LEAVITT Kenneth J.</li> </ul>
Number Filing Date	:NA	10)HICKS Jacqueline D. 11)JIANG Jinlong
		13)LEAVITT Kenneth J. 14)LI Bing
		15)QIAN Xiaoxia 16)SEBHAT Iyassu 17)WEI Lan
(57) Abstract :		18)WILKENING Robert R. 19)WU Zhicai

(57) Abstract :

Novel compounds of structural formula (I) are activators of AMP protein kinase and are useful in the treatment prevention and suppression of diseases mediated by the AMPK activated protein kinase. The compounds of the present invention are useful in the treatment of Type 2 diabetes hyperglycemia metabolic syndrome obesity hypercholesterolemia and hypertension.

No. of Pages : 210 No. of Claims : 30

(22) Date of filing of Application :15/10/2013

(43) Publication Date : 09/01/2015

#### (54) Title of the invention : PHARMACEUTICAL PREPARATION

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International</li> <li>Application No Filing Date</li> <li>(87) International</li> <li>Publication No</li> <li>(61) Patent of Addition to</li> <li>Application Number Filing Date</li> <li>(62) Divisional to</li> </ul>	:08/04/2011 :Japan :PCT/JP2012/057519 :23/03/2012 :WO 2012/137610 :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)NANOTHETA CO LTD. Address of Applicant :1 22 3 Nishiwaseda Shinjuku ku Tokyo 1690051 Japan</li> <li>(72)Name of Inventor :</li> <li>1)TAKEOKA Shinji</li> <li>2)KASHIWAGI Kenji</li> <li>3)FUJIE Toshinori</li> <li>4)SAITO Akihiro</li> <li>5)HANIUDA Hiroki</li> </ul>
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The present invention provides a pharmaceutical preparation which comprises an alternating layer thin film which is produced by laminating a polycation and a polyanion in an alternating manner and a medicinal substance carried on the alternating layer thin film. As a result it is possible to provide a pharmaceutical preparation such that the medicinal effects of a single dose have an extended duration.

No. of Pages : 31 No. of Claims : 16

(19) INDIA

(22) Date of filing of Application :05/11/2013

(43) Publication Date : 09/01/2015

### (54) Title of the invention : THERAPEUTIC NUCLEASE COMPOSITIONS AND METHODS

(51) International classification	:A61K38/46	(71)Name of Applicant :
(31) Priority Document No	:61/480961	1)UNIVERSITY OF WASHINGTON
(32) Priority Date	:29/04/2011	Address of Applicant :UW Center For Commericialization
(33) Name of priority country	:U.S.A.	4311 11th Avenue N.E. Suite 500 Seattle WA 98105 4608 U.S.A.
(86) International Application No	:PCT/US2012/035614	(72)Name of Inventor :
Filing Date	:27/04/2012	1)LEDBETTER Jeffrey A.
(87) International Publication No	:WO/2012/149440	2)HAYDEN LEDBETTER Martha
(61) Patent of Addition to Application	:NA	3)ELKON Keith
Number		4)SUN Xizhang
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(55) 41		l

(57) Abstract :

Hybrid nuclease molecules and methods for treating an immune related disease or disorder in a mammal and a pharmaceutical composition for treating an immune related disease in a mammal.

No. of Pages : 210 No. of Claims : 36

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

(43) Publication Date : 09/01/2015

#### (54) Title of the invention : ANTI MESOTHELIN ANTIBODIES AND IMMUNOCONJUGATES

<ul> <li>(51) International classification</li> <li>(31) Priority Document Not</li> <li>(32) Priority Date</li> <li>(33) Name of priority</li> <li>country</li> <li>(86) International</li> <li>Application No</li> <li>Filing Date</li> <li>(87) International</li> <li>Publication No</li> <li>(61) Patent of Addition to</li> <li>Application Number</li> <li>Filing Date</li> <li>(62) Divisional to</li> <li>Application Number</li> <li>Filing Date</li> <li>(62) Divisional to</li> <li>Application Number</li> <li>Filing Date</li> </ul>	:C07K16/30,A61K47/48,A61K39/395 :61/459962 :20/12/2010 :U.S.A. :PCT/US2011/065895 :19/12/2011 :WO 2012/087962 :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)GENENTECH INC. Address of Applicant :1 DNA Way South San Francisco CA</li> <li>94080 U.S.A.</li> <li>2)F. HOFFMANN LA ROCHE AG</li> <li>(72)Name of Inventor :</li> <li>1)DENNIS Mark</li> <li>2)SCALES Suzanna J.</li> <li>3)SPENCER Susan D.</li> <li>4)ZHANG Yin</li> </ul>
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#### (57) Abstract :

The disclosure provides anti mesothelin antibodies and immunoconj ugates and methods of using the same.

No. of Pages : 152 No. of Claims : 70

(19) INDIA

(22) Date of filing of Application :05/08/2013

#### (43) Publication Date : 09/01/2015

#### (54) Title of the invention : COMPOUNDS AND METHODS FOR KINASE MODULATION AND INDICATIONS THEREFOR

		(71)Name of Applicant : 1)PLEXXIKON INC.
(51) International classification	:A61K31/407	Address of Applicant :91 Bolivar Drive Suite A Berkeley CA
(31) Priority Document No	:61/440339	94710 U.S.A.
(32) Priority Date	:07/02/2011	(72)Name of Inventor :
(33) Name of priority country	:U.S.A.	1)IBRAHIM Prabha N.
(86) International Application No	:PCT/US2012/023543	2)ZHANG Chao
Filing Date	:01/02/2012	3)SPEVAK Wayne
(87) International Publication No	:WO 2012/109075	4)ZHANG Jiazhong
<ul> <li>(61) Patent of Addition to Application</li> <li>Number</li> <li>Filing Date</li> <li>(62) Divisional to Application Number</li> </ul>	:NA :NA :NA	5)WU Guoxian 6)LIN Jack 7)CHO Hanna 8)NESPI Marika
Filing Date	:NA	9)SHI Songyuan 10)EWING Todd 11)ZHANG Ying

(57) Abstract :

Compounds active on protein kinases are described as well as methods of making and using such compounds to treat diseases and conditions associated with aberrant activity of protein kinases.

No. of Pages : 188 No. of Claims : 55

(22) Date of filing of Application :25/09/2013

(43) Publication Date : 09/01/2015

(54) Title of the invention : A BACKUP SIP SERVER FOR THE SURVIVABILITY OF AN ENTERPRISE NETWORK USING SIP

<ul><li>(51) International</li><li>classification</li><li>(31) Priority Document No</li><li>(22) Priority Data</li></ul>	:H04M7/00,H04L12/24,H04L29/06 :11305279.9 :15/03/2011	<ul> <li>(71)Name of Applicant :</li> <li>1)ALCATEL LUCENT Address of Applicant :3, AVENUE OCTAVE GREARD, F- 75007 PARIS France</li> </ul>
<ul><li>(32) Priority Date</li><li>(33) Name of priority country</li></ul>		(72)Name of Inventor :
<ul> <li>(86) International Application</li> <li>No</li> <li>Filing Date</li> <li>(87) International Publication</li> </ul>		1)BRUNEL, SEBASTIEN 2)BARBERO, LAURENT
No (61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filed on	: :01/01/1900	

#### (57) Abstract :

This gateway comprises: - A trunk interface module (Tl) for coupling the gateway to a trunk of the public network (PSTN). - A media Server module (MS) coupled to the enterprise network; - A transcoder module (TC). - A call control module (CC). - A proxy module (PRO) comprising means for: -- for forwarding each SIP message received by the gateway, according to the IP address contained in a SIP Request-URI in this message, the SIP message being either sent to the Call Control module (CC) if this IP address is the address of the gateway, or to the data compression module (DC) if the IP address is the address of the main SIP Server (MSS), -- for adding, in the latter case, its own IP address in Path header on each Register method; -- and, for each other SIP method sent to the main SIP Server (MSS), suppressing its own IP address in the Route header. - A management and configuration module (MC) comprising means for receiving and storing a rescue call number to be used for establishing the backup link (BL).

No. of Pages : 42 No. of Claims : 2

(22) Date of filing of Application :23/10/2013

(43) Publication Date : 09/01/2015

#### (54) Title of the invention : SYSTEMS AND METHODS FOR WIRELESS COMMUNICATION OF PACKETS HAVING A PLURALITY OF FORMATS

#### (57) Abstract :

Systems and methods for communicating packets having a plurality of formats are described herein. In some aspects a signal (SIG) field in the preamble of a packet may indicate whether an extension field such as an extension SIG field or SIG B field is included in the packet. In another aspect one or more detectors may be used to auto detect packets formatted as one of at least two different formats based on a short training field (STF) of a received packet. In some aspects along training field (LTF) in the preamble of a packet may indicate whether the payload is repetition coded.

No. of Pages : 99 No. of Claims : 56

(54) Title of the invention : FLUID LEVEL SENSOR AND RELATED METHODS

(21) Application No.9077/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :12/11/2013

(43) Publication Date : 09/01/2015

#### (51) International classification :B41J29/393,B41J2/175 (71)Name of Applicant : (31) Priority Document No 1)HEWLETT PACKARD DEVELOPMENT COMPANY :NA (32) Priority Date L.P. :NA (33) Name of priority country :NA Address of Applicant :11445 Compaq Center Drive W. (86) International Application No Houston Texas 77070 U.S.A. :PCT/US2011/045585 (72)Name of Inventor: Filing Date :27/07/2011 (87) International Publication No :WO 2013/015808 1)VAN BROCKLIN Andrew L. (61) Patent of Addition to Application 2)LIEBERT Paul A. :NA Number 3)GHOZEIL Adam L. :NA Filing Date 4)LINN Scott A. (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

In an embodiment a fluid level sensor includes a sensor plate and a current source. The fluid level sensor also includes an algorithm to bias the current source such that current applied to the sensor plate induces a maximum difference in response voltage between a dry sensor plate condition and a wet sensor plate condition.

No. of Pages : 42 No. of Claims : 22

(22) Date of filing of Application :12/11/2013

(43) Publication Date : 09/01/2015

#### (54) Title of the invention : INSERTION FRAME STRUCTURE AND HOUSING USING SAME

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application</li> <li>No <ul> <li>Filing Date</li> <li>(87) International Publication</li> <li>No</li> <li>(61) Patent of Addition to</li> </ul> </li> <li>Application Number <ul> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application</li> <li>Number <ul> <li>Filing Date</li> </ul> </li> </ul>	:B21D47/00,E04B1/58,F16B5/10 :2011130820 :13/06/2011 :Japan :PCT/JP2012/064902 :11/06/2012 :WO 2012/173087 :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)Mitsubishi Electric Corporation Address of Applicant :7 3 Marunouchi 2 chome Chiyoda ku Tokyo 1008310 Japan</li> <li>(72)Name of Inventor :</li> <li>1)HAYASHI Tomoyuki</li> <li>2)HASHIZUME Kenichi</li> <li>3)URAKAWA Masatoshi</li> <li>4)UTO Taichi</li> </ul>
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(57) Abstract :

The present invention increases the precision of positioning for main members and auxiliary members and makes latching components such as rivets unnecessary. This insertion frame structure has a pair of the main members (10) having an L shaped cross section which are disposed such that the L shaped face each other symmetrically left and right. A plurality of auxiliary members (20) having an angular U shaped cross section are disposed between the main members (10). The main members (10) and the auxiliary members (20) are connected at latching parts and gap shaped latching holes (11a 11b) are formed in the latching parts of the main members (10). Protrusion shaped parts that fit into the latching holes (11a 11b) are formed on the latching parts of the auxiliary members (20). In this insertion frame structure the latching holes (11a 11b) have a gap with dimensions smaller than the plate thickness (t) of the auxiliary members (20).

No. of Pages : 45 No. of Claims : 9

(22) Date of filing of Application :12/11/2013

(43) Publication Date : 09/01/2015

## (54) Title of the invention : SYSTEMS AND METHODS FOR DETECTING THE PRESENCE OF A SELECTED VOLUME OF MATERIAL IN A SAMPLE PROCESSING DEVICE

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> </ul>	:B01L3/00 :61/487618 :18/05/2011 :U.S.A. :PCT/US2012/038498 :18/05/2012 :WO 2012/158997 :NA	<ul><li>(72)Name of Inventor :</li><li>1)LUDOWISE Peter D.</li><li>2)WHITMAN David A.</li></ul>
	:NA :NA :NA :NA	

#### (57) Abstract :

Systems and methods for processing sample processing devices. The system can include a sample processing device comprising a detection chamber a motor configured to rotate the sample processing device about an axis of rotation and an optical module operatively positioned relative to the sample processing device. The method can include rotating the sample processing device about an axis of rotation and determining whether a selected volume of material is present in the detection chamber of the sample processing device. The method can include rotating the sample processing device about an axis of rotation and determining whether a selected volume of material is present in the detection chamber while rotating the sample processing device. In some embodiments determining whether a selected volume of material is present can be performed by optically interrogating the detection chamber for an optical property of the material.

No. of Pages : 130 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION (19) INDIA

(21) Application No.9073/CHENP/2013 A

(22) Date of filing of Application :12/11/2013

(43) Publication Date : 09/01/2015

#### (51) International classification :C08L23/08,C09D123/08 (71)Name of Applicant : (31) Priority Document No 1)DOW GLOBAL TECHNOLOGIES LLC :13/157,428 (32) Priority Date :10/06/2011 Address of Applicant : P.O. Box 1967 Office of Patent Counsel :U.S.A. (33) Name of priority country 2040 Dow Center Midland MI 48674 U.S.A. (86) International Application No (72)Name of Inventor : :PCT/US2012/041094 1)WANG Jian Filing Date :06/06/2012 (87) International Publication No :WO 2012/170526 A1 2) DEMIRORS Mehmet (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(54) Title of the invention : IMPROVED RESIN COMPOSITIONS FOR EXTRUSION COATING

#### (57) Abstract :

This invention pertains to polyethylene extrusion compositions. In particular the invention pertains to ethylene polymer extrusion compositions having high drawdown and substantially reduced neck in. The compositions comprise from 40 to 90% by weight of the composition of a first polyethylene composition said first polyethylene composition comprising a linear low density polyethylene having a density in the range of from 0.90 to 0.96 g/cm3 and a melt index (I2) of from 5 to 15 g/ 10 min; and from 1 to 10 % by weight of the composition of a second polyethylene composition said second polyethylene composition comprising a high pressure low density polyethylene having a density in the range of from 0.915 to 0.930 g/cm3 and a melt index of from 0.1 to 3 g/ 10 min; and from 10 to 50 % by weight of the composition of a third polyethylene composition said third polyethylene composition comprising a high pressure low density polyethylene having a density in the range of from 0.915 to 0.930 g/cm3 and a melt index of from 5 to 15 g/ 10 min; and from 10 to 50 % by weight of the composition of a third polyethylene composition said third polyethylene composition comprising a high pressure low density polyethylene having a density in the range of from 0.915 to 0.930 g/cm3 and a melt index of from 5 to 15 g/ 10 min; and from 10 to 50 % by weight of the composition of a third polyethylene composition said third polyethylene composition comprising a high pressure low density polyethylene having a density in the range of from 0.915 to 0.930 g/cm3 and a melt index of from 5 to 15 g/ 10 min.

No. of Pages : 18 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION(19) INDIA

(22) Date of filing of Application :23/07/2013

(43) Publication Date : 09/01/2015

#### (54) Title of the invention : CONFECTIONARY WITH MULTIPLE FLAVORS AND TEXTURES

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application</li> <li>No</li> <li>Filing Date</li> <li>(87) International Publication N</li> <li>(61) Patent of Addition to</li> <li>Application Number</li> <li>Filing Date</li> <li>(62) Divisional to Application</li> <li>Number</li> <li>Filing Date</li> </ul>	:61/442523 :14/02/2011 :U.S.A. :PCT/US2012/025008 :14/02/2012	<ul> <li>(71)Name of Applicant :</li> <li>1)INTERCONTINENTAL GREAT BRANDS LLC Address of Applicant :100 Deforest Ave. East Hanover New Jersey 07936 U.S.A.</li> <li>(72)Name of Inventor :</li> <li>1)COTTEN Gerald B.</li> <li>2)RENKEN Shelly</li> <li>3)SCHWARTZ Danielle</li> <li>4)STOJANOVIC Jelena</li> </ul>
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(57) Abstract :

Disclosed are confectionery products having multiple flavors and multiple textures. More particularly the confectionery products are multiple red products comprising a powder interior portion a chewy confectionery composition portion and an outer coating.

No. of Pages : 52 No. of Claims : 40

(19) INDIA

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

(43) Publication Date : 09/01/2015

(54) Title of the invention : DIN RAIL M	OUNT TYPE DEVICE	
<ul> <li>(54) File of the Invention - DIN KAIL M</li> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number <ul> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application Number <ul> <li>Filing Date</li> </ul> </li> </ul>	:H05K7/12 :2011032062 :17/02/2011 :Japan	<ul> <li>(71)Name of Applicant :</li> <li>1)Kabushiki Kaisha Yaskawa Denki Address of Applicant :2 1 Kurosaki Shiroishi Yahatanishi ku Kitakyushu shi Fukuoka 8060004 Japan</li> <li>(72)Name of Inventor :</li> <li>1)KUSUMI Michinori</li> <li>2)UESUGI Hajime</li> <li>3)MUNEHIRO Naoto</li> </ul>

#### (57) Abstract :

[Problem] To enable a locking member to be housed without protruding from a case. [Solution] A DIN rail mount type device (100) is equipped with a case (110) a rail groove (112) that can be fitted to a DIN rail (200) a slider groove (113) and a locking member (150). The locking member (150) is configured such that the locking member can be moved between a locked position at which the engagement side end section (151) protrudes into the rail groove (112) from the slider groove (113) and the manipulation side end section (152) protrudes from the case (110) and a housed position at which the engagement side end section (151) protrudes into the manipulation side end section (152) from the slider groove (113) and the manipulation side end section (152) is housed inside the slider groove (113); the fitted state of the rail groove (112) and the DIN rail (110) can be maintained by letting the engagement side end section (151) engage with the lower engagement piece section (201D) of the DIN rail (200) at the locked position; and the movement to the housed position is enabled only when the DIN rail (110) is not fitted to the rail groove (112).

No. of Pages : 31 No. of Claims : 5

(19) INDIA

(22) Date of filing of Application :26/09/2013

#### (43) Publication Date : 09/01/2015

(54) Title of the invention : SYSTHESIS OF 5-AZACYTIDINE		
<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:C07H19/12 :61/470392 :31/03/2011 :U.S.A. :PCT/US2012/031059 :29/03/2012 :WO 2012/135405 :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)CELGENE INTERNATIONAL SARL Address of Applicant :Route de Perreux 1 2017 Boudry Switzerland</li> <li>(72)Name of Inventor :</li> <li>1)RAJENDIRAN Chinnapillai</li> <li>2)NAGARAJAN Periyandi</li> <li>3)VENKATESWARLAU Jasti</li> </ul>

(57) Abstract :

Provided herein are processes for the preparation of 5 azacytidine useful for treating preventing and/or managing diseases or conditions including cancer disorders related to abnormal cell proliferation hematologic disorders and myelodysplastic syndromes (MDS) wherein 5 azacytidine is represented by the structure:

No. of Pages : 118 No. of Claims : 49

(12) PATENT APPLICATION PUBLICATION (19) INDIA

(22) Date of filing of Application :24/05/2013

(43) Publication Date : 09/01/2015

#### (54) Title of the invention : HIGH TEMPERATURE OPERATION FUEL CELL MODULE AND HIGH TEMPERATURE OPERATION FUEL CELL SYSTEM

(51) International classification	:C01B 3/00	(71)Name of Applicant :
(31) Priority Document No	:2011211254	1)PANASONIC CORPORATION
(32) Priority Date	:27/09/2011	Address of Applicant :1006 Oaza Kadoma Kadoma shi Osaka
(33) Name of priority country	:Japan	5718501 Japan
(86) International Application No	:PCT/JP2012/005844	(72)Name of Inventor :
Filing Date	:13/09/2012	1)KOBAYASHI Susumu
(87) International Publication No	:WO 2013/046582	
(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 :

An SOFC module (100) is provided with an SOFC (20) which is provided with a power generation unit that uses fuel gas and air to generate power by a power generation reaction and a reformer (40) which generates reformed gas as the fuel gas from a supplied fluid. The fluid heated by heat possessed by the SOFC (20) is supplied to the reformer (40).

No. of Pages : 82 No. of Claims : 14

(19) INDIA

(22) Date of filing of Application :20/06/2013

#### (43) Publication Date : 09/01/2015

(54) Title of the invention : PUMP SYST	EM	
<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number <ul> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application Number <ul> <li>Filing Date</li> </ul> </li> </ul>	:F16N29/00 :61/417606 :29/11/2010 :U.S.A. :PCT/US2011/057592 :25/10/2011 :WO 2012/074626 :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)LINCOLN INDUSTRIAL CORPORATION Address of Applicant :One Lincoln Way St. Louis MO 6312( 1578 U.S.A.</li> <li>(72)Name of Inventor :</li> <li>1)CONLEY Paul G.</li> <li>2)HOLLAND Christopher D.</li> <li>3)BECK David C.</li> <li>4)DONOVAN Nathan D.</li> </ul>

(57) Abstract :

Apparatus and method for supplying lubricant to a plurality of lubrication sites. Embodiments include a pump with venting and non venting piston return a pump with stirrer and direct feed mechanism a pump with CAN system and self diagnostics a pump with heated housing and reservoir and a pump with stepper motor and overdrive control.

No. of Pages : 142 No. of Claims : 126

(19) INDIA

(22) Date of filing of Application :16/01/2012

(54) Title of the invention : AIR CONDIT	TIONING SYSTEM	
<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number <ul> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application Number <ul> <li>Filing Date</li> </ul> </li> </ul>	:F24F3/14 :NA :NA :NA	<ul> <li>(71)Name of Applicant : <ul> <li>1)OXICOOL, INC.</li> <li>Address of Applicant :4747 SOUTH BROAD STREET,</li> <li>SUITE LL40, THE NAVY YARD, BLDG. 101</li> <li>PHILADELPHIA, PENNSYLVANIA 19112-1301 U.S.A.</li> <li>(72)Name of Inventor : <ul> <li>1)BAROT, RAVIKANT T.</li> </ul> </li> </ul></li></ul>

#### (57) Abstract :

An air conditioning system that includes desiccant compartments for holding a desiccant; a heat exchanger, a blower and a vessel. The heat exchanger can be filled with a heat transfer mediumi, while the blower blows ambient air by the heat exchanger such that the blown air is cooled and the heat exchanger is wanned such that thermal energy increases and is transfeixed from the air to the heat transfer medium causing the heat transfer medium to turn into vapor. The vapor is then diffused to one of the desiccant compartrifints such, that the vapor is adsorbed onto the desiccant creating a mixture. Then an energy source is applied to the mixture such that the vapor and desiccant are separated. The separated vapor is transported to the vessel what it is condensed and then sent back to the heat exchanger, such that the system is able to be continuously operating.

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

(21) Application No.8275/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :14/10/2013

(43) Publication Date : 09/01/2015

#### (54) Title of the invention : ANTISENSE MODULATION OF PTP1B EXPRESSION

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number <ul> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application Number</li> </ul>	:61/474981 :13/04/2011 :U.S.A. :PCT/US2012/033588 :13/04/2012 :WO 2012/142458 :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)ISIS PHARMACEUTICALS INC. Address of Applicant :2855 Gazelle Court Carlsbad CA 92010 U.S.A.</li> <li>(72)Name of Inventor :</li> <li>1)BHANOT Sanjay</li> <li>2)FREIER Susan M.</li> </ul>
Filing Date	:NA :NA	

(57) Abstract :

Provided herein are methods compounds and compositions for reducing expression of PTPIB mRNA and protein in an animal. Such methods compounds and compositions are useful to treat prevent delay or ameliorate metabolic disease for example diabetes or a symptom thereof.

No. of Pages : 152 No. of Claims : 56

(54) Title of the invention : CONTENT MANAGEMENT APPARATUS

(21) Application No.9729/CHENP/2012 A

(19) INDIA(22) Date of filing of Application :19/11/2012

(43) Publication Date : 09/01/2015

(51) International classification	:G06Q30/02,G06Q30/06	(71)Name of Applicant :
(31) Priority Document No	:12/772,058	1)NOW TECHNOLOGIES (IP) LIMITED
(32) Priority Date	:30/04/2010	Address of Applicant :30 Old Burlington Street London W15
(33) Name of priority country	:U.S.A.	3NL Great Britain U.K.
(86) International Application No	:PCT/GB2011/050855	(72)Name of Inventor :
Filing Date	:28/04/2011	1)LEWIS Marc Samuel
(87) International Publication No	:WO/2011/135379	2)GORMAN Christopher Simon
(61) Patent of Addition to Application	:NA	3)LYCETT Nicholas R. C. G.
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		•

#### (57) Abstract :

There is disclosed an apparatus configured to provide a chart of content items to a plurality of user devices. The apparatus is configured to enable individual users to temporarily access one or more content items listed in the chart. The apparatus comprises a user device interface configured to communicate with user device applications and a permissions module configured to define user access permissions including temporary user access permissions relating to individual ones of the one or more items of content. The apparatus also provides a distribution module configured to implement permissions defined in the permission module in relation to user devices by making available one or more items of content listed in the chart to at least one user device application.

No. of Pages : 56 No. of Claims : 95

(12) PATENT APPLICATION PUBLICATION(19) INDIA

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

(43) Publication Date : 09/01/2015

## (54) Title of the invention : AN MRI RADIO-FREQUENCY COIL FOR DETUNING DECOUPLING AND DECOUPLING MULTIPLE CHANNELS

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:G01R33/36 :61/349005 :27/05/2010 :U.S.A. :PCT/IB2011/051801 :26/04/2011 :WO/2011/148278 :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)KONINKLIJKE PHILIPS ELECTRONICS N.V. Address of Applicant :GROENEWOUDSEWEG 1</li> <li>EINDHOVEN 5621 BA NETHERLANDS</li> <li>(72)Name of Inventor :</li> <li>1)FINDEKLEE Christian</li> </ul>
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#### (57) Abstract :

A radio-frequency coil assembly (18) for use in a magnetic resonance imaging system (10) includes a plurality of coil elements (18n). The coil elements (18n) are connected to a decoupling network (40) which includes a plurality of decoupling elements (40n x) connected (via transmission lines) to pairs of coil elements (18n 18x) at corresponding ports (64n 64x) from which the coil can be fed. The decoupling elements (40n x) compensate for mutual coupling between pairs of corresponding coil element. An inductive coupling loop (51n) with a constant or adjustable mutual inductance inductively couples the associated coil element (18n) to the corresponding port (64n). Transmission lines (52n) electrically connect each inductive coupling loop (51n) to the decoupling network (40) at the corresponding port (64n). Each transmission line (52n) has an electrical length of k/2 where k=0 1 2 3... and is a wavelength of the excited and/or received resonance signals inside the transmission line.

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

(12) PATENT APPLICATION PUBLICATION (19) INDIA		(21) Application No.9324/CHENP/2012 A	
(22) Date of filing of Application :01/11/2	012	(43) Publication Date : 09/01/2015	
(54) Title of the invention : COMPOSITIONS  ORGANISMS  SYSTEMS  AND METHODS FOR EXPRESSING A GENE PRODUCT IN PLANTS			
<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:C12N15/82 :61/395,197 :10/05/2010 :U.S.A. :PCT/US2011/035908 :10/05/2011 :WO/2011/143204 :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)THE TEXAS A &amp; M UNIVERSITY SYSTEM Address of Applicant :3369 TAMU College Station TX 77843-3369 United States of America</li> <li>(72)Name of Inventor :</li> <li>1)MIRKOV Eric T.</li> <li>2)PARK Jong Won</li> <li>3)GAO San-Ji</li> </ul>	

#### (57) Abstract :

The present disclosure relates in some embodiments to compositions organisms systems and methods for expressing a gene product in a plant using a expression control sequence (ECS) operable in monocots and/or dicots. For example (i) an isolated nucleic acid may comprise an ECS (e.g. a sugarcane bacilli form virus promoter) and optionally an exogenous nucleic acid (ExNA) operably linked to the ECS; (ii) an expression vector may comprise an ECS; an ExNA; and optionally a 3 termination sequence wherein the ECS has promoter activity sufficient to express the ExNA in at least one monocot and at least one dicot; (iii) a microorganism plant cell or plant may comprise an isolated nucleic acid; (iv) a method for constitutively expressing an ExNA in a plant (e.g. a monocot and/or a dicot) may comprise contacting an expression vector with the cytosol of a cell of the plant ......

No. of Pages : 96 No. of Claims : 55

# (12) PATENT APPLICATION PUBLICATION (19) INDIA

(22) Date of filing of Application :01/11/2012

(43) Publication Date : 09/01/2015

(54) Title of the invention : CHONDROGENIC PROGENITOR CELLS PROTOCOL FOR DERIVATION OF CELLS AND USES THEREOF

<ul> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application</li> <li>No</li> <li>Filing Date</li> </ul>	PCT/GB2011/000547 :08/04/2011	<ul> <li>(71)Name of Applicant :</li> <li>1)THE UNIVERSITY COURT OF THE UNIVERSITY OF</li> <li>EDINBURGH <ul> <li>Address of Applicant :Old College South Bridge Edinburgh</li> <li>EH8 9YL Great Britain U.K.</li> </ul> </li> <li>(72)Name of Inventor : <ul> <li>1)NOBLE Brendon Stewart</li> <li>2)PIER David Matthew</li> </ul> </li> </ul>
(87) International Publication No	:WO/2011/124894	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

#### (57) Abstract :

The present invention provides an isolated population of chondrocyte precursor cells wherein 1 % or less of the cells express Oct4 Nanog and/or TRA-1-60 7 % or less of the cells express no collagen II collagen X CD105 or Stro-1 and 85 % or more of the cells express CBFA1 methods for preparing such cells and uses of chondrocyte cells derived from said precursor cells.

No. of Pages : 56 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION (21) Application No.8464/CHENP/2013 A (19) INDIA (22) Date of filing of Application :21/10/2013 (43) Publication Date : 09/01/2015 (54) Title of the invention : A METHOD FOR DEPOSITING A BIAXIALLY TEXTURED FILM ON A SUBSTRATE AND A SUPERCONDUCTOR ARTICLE THEREOF (51) International classification :H01L39/24,C23C14/08 (71)Name of Applicant : (31) Priority Document No **1)SUPERPOWER, INC.** :10/821.010 (32) Priority Date :08/04/2004 Address of Applicant :450 DUANE AVENUE, SCHENENCTADY, NEW YORK 12304 U.S.A. (33) Name of priority country :U.S.A. (86) International Application No :PCT/US2005/011845 (72)Name of Inventor : Filing Date :08/04/2005 1)XIONG, XUMING (87) International Publication No :WO/2006/075997 2)SELVAMANICKAM, VENKAT (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :3728/CHENP/2006

(57) Abstract :

Filed on

The present invention relates to a method for depositing a biaxially textured film on a substrate, comprising: depositing a film on a substrate with a deposition flux at an oblique incident angle; bombarding said deposited film with an ion beam at an ion beam incident angle arranged along either a best ion texture direction (BITD) or a second best ion texture direction of said film, characterized in that the depositing and the bombarding occur simultaneously, and characterized in that a deposition flux incident plane is arranged parallel to a direction along which said biaxially-textured film has the fastest in-plane growth rate.

:08/04/2005

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

(21) Application No.8829/CHENP/2013 A

(19) INDIA(22) Date of filing of Application :04/11/2013

(43) Publication Date : 09/01/2015

#### (54) Title of the invention : LIGHT EMITTING ELEMENT MATERIAL AND LIGHT EMITTING ELEMENT

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> </ul>	:2011-106966 :12/05/2011 :Japan :PCT/JP2012/061731 :08/05/2012 :WO 2012/153725 A1	<ul> <li>(71)Name of Applicant :</li> <li>1)TORAY INDUSTRIES INC. Address of Applicant :1 1 Nihonbashi Muromachi 2 chome Chuo ku Tokyo 1038666 Japan</li> <li>(72)Name of Inventor :</li> <li>1)NAGAO Kazumasa</li> <li>2)TOMINAGA Tsuyoshi</li> <li>3)KWON Jinwoo</li> </ul>
	1	5 1
e		
(87) International Publication No	:WO 2012/153725 A1	2)TOMINAGA Tsuyoshi
(61) Patent of Addition to Application	:NA	3)KWON Jinwoo
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
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(57) Abstract :

The present invention relates to an organic thin film light emitting element having both durability and high light emitting efficiency due to the use of a light emitting element material containing a compound having a specific carbazole skeleton.

No. of Pages : 101 No. of Claims : 10

(19) INDIA

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

(43) Publication Date : 09/01/2015

#### (54) Title of the invention : INHIBITION OF BONE RESORPTION WITH RANKL BINDING PEPTIDES

(51) International classification:C07K16/24,A61P19/10(71)Name of Applicant :(31) Priority Document No:61/4910661)ABLYNX NV(32) Priority Date:27/05/2011Address of Applicant :Technologiepark 21 B 9052 Ghent(33) Name of priority country:U.S.A.Zwijnaarde Belgium	•
(86) International Application No Filing Date:PCT/EP2012/059968 :29/05/2012(72)Name of Inventor : 1)HOLZ Josefin Beate	
(87) International Publication No :WO 2012/163887 2) <b>HEMERYCK Alex</b>	
(61) Patent of Addition to Application Number Filing Date :NA	
(62) Divisional to Application Number :NA	
Filing Date :NA	

(57) Abstract :

Methods are provided for inhibiting bone resorption and/or osteoclast activity. More specifically methods are provided wherein polypeptides against RANK L are administered to a subject less frequently and/or at lower dose while still maintaining effective inhibition of bone resorption and/or osteoclast activity in the subject at unexpectedly prolonged periods of time particularly in view of the doses administered.

No. of Pages : 175 No. of Claims : 59

(21) Application No.9025/CHENP/2013 A

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

(43) Publication Date : 09/01/2015

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(33) Name of priority country</li> <li>(33) Name of priority country</li> <li>(34) Name of priority country</li> <li>(35) Name of priority country</li> <li>(36) International Application No</li> <li>(37) PCT/US2012/037117</li> <li>(38) Filing Date</li> <li>(39) (52) (21)</li> <li>(39) (52) (21)</li> <li>(30) (21) (21) (21) (21) (21) (21) (21) (21</li></ul>			
Number     :NA       Filing Date     :NA       (62) Divisional to Application Number     :NA	<ul> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> </ul>	:61/483949 :09/05/2011 :U.S.A. :PCT/US2012/037117 :09/05/2012	<ul> <li>1)NOVOMER INC. Address of Applicant :950 Danby Road Suite 198 Ithaca NY 14850 U.S.A.</li> <li>(72)Name of Inventor : 1)ALLEN Scott D.</li> <li>2)SIMONEAU Christopher A.</li> </ul>
	(61) Patent of Addition to Application Number Filing Date	:NA :NA	· ·

#### (54) Title of the invention : POLYMER COMPOSITIONS AND METHODS

(57) Abstract :

The present invention encompasses polymer compositions comprising aliphatic polycarbonate chains containing functional groups that increase the polymer s ability to wet or adhere to inorganic materials. In certain embodiments chain ends of the aliphatic polycarbonates are modified to introduce silicon containing functional groups boron containing functional groups phosphorous containing functional groups sulfonic acid groups or carboxylic acid groups.

No. of Pages : 127 No. of Claims : 51

(12) PATENT APPLICATION PUBLICATION (19) INDIA

(22) Date of filing of Application :18/11/2013

(43) Publication Date : 09/01/2015

## (54) Title of the invention : INFORMATION PROCESSING DEVICE INFORMATION PROCESSING METHOD AND COMPUTER PROGRAM

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application</li> <li>No</li> <li>Filing Date</li> </ul>	:G06T1/00,H04N5/76,H04N5/91 :2011-114586 :23/05/2011 :Japan :PCT/JP2012/060001 :12/04/2012	<ul> <li>(71)Name of Applicant :</li> <li>1)SONY CORPORATION <ul> <li>Address of Applicant :1 7 1 Konan Minato ku Tokyo 1080075</li> </ul> </li> <li>Japan <ul> <li>(72)Name of Inventor :</li> <li>1)KAWASHITA Taro</li> </ul> </li> </ul>
<ul> <li>(87) International Publication No.</li> <li>(61) Patent of Addition to</li> <li>Application Number</li> <li>Filing Date</li> <li>(62) Divisional to Application</li> <li>Number</li> <li>Filing Date</li> </ul>	:WO 2012/160898 A1 :NA :NA :NA :NA	

(57) Abstract :

[Problem] To provide an information processing device that can offer easy image selection to a user by subjecting stored image data to face recognition and using the result of the face recognition. [Solution] Provided is an information processing device including: an image display unit that displays an image in a predetermined position; an input unit that accepts an input with respect to a face part in the image being displayed on the image display unit; and an image selecting unit that selects on the basis of the input accepted by the input unit an image having a face parameter related to said input. The image display unit displays the image selected by the image selecting unit in a manner such that a face part in the image selected by the image selecting unit matches the face part in the image displayed immediately prior thereto.

No. of Pages : 53 No. of Claims : 11

(19) INDIA

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

(43) Publication Date : 09/01/2015

#### (54) Title of the invention : PASSIVELY HEATED PATIENT CIRCUIT

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No</li> <li>Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to</li> </ul>	:PCT/IB2011/051834 :27/04/2011 :WO/2011/151738	<ul> <li>(71)Name of Applicant :</li> <li>1)KONINKLIJKE PHILIPS ELECTRONICS N.V. Address of Applicant :GROENEWOUDSEWEG 1</li> <li>EINDHOVEN 5621 BA NETHERLANDS</li> <li>(72)Name of Inventor :</li> <li>1)PUJOL John Raymond</li> <li>2)SCHIRM Jeffrey John</li> </ul>
Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Passive heating may be provided to a flexible tube (202) configured to deliver respiratory gas to a patient. A flexible sheathing body (206 208 210) may be removably attached to the flexible tube so as to surround the flexible tube and extend along the flexible tube. A passive heating element (218 220 222) integrated with the flexible sheathing body may store non-electrical energy and release the stored non- electrical energy as thermal energy to heat the flexible tube.

No. of Pages : 21 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

#### (19) INDIA

(22) Date of filing of Application :05/07/2013

(43) Publication Date : 09/01/2015

#### (54) Title of the invention : CLOUD CHARGE STORAGE POWER PLANT

(51) International classification	:G05B1/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)ASHUTOSH BHASKAR
(32) Priority Date	:NA	Address of Applicant :VILL.+P.ONARWARA, P.S
(33) Name of priority country	:NA	TARIYANI, VIA-MINAPUR, DISTSHEOHAR, BIHAR,
(86) International Application No	:NA	INDIA - 843128
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)ASHUTOSH BHASKAR
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :A cloud charge storage power plant, which converts solar energy received by earth on sea surface into electric power. The plant is inspired by the thunderstorm falling during rain, which approves that clouds possess a huge amount of charge. This power plant uses the electric potential energy of clouds to provide power. The plant store cloud energy by discharging clouds using discharging tower. The devices can be transported to the locality where we need the power supply, and so lessens the power transmission cost & losses. Stored energy supplied as Direct current which is converted to Alternating sine wave power supply using inverters & transformers. The storing device has EDLCs as basic storing unit to store the cloud energy. The technology is renewable & ecofriendly.

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

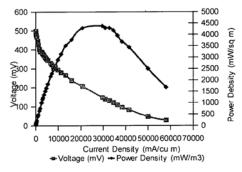
(22) Date of filing of Application :05/07/2013

#### (43) Publication Date : 09/01/2015

#### (54) Title of the invention : EARTHEN MATERIAL BASED CATHODE SEPARATOR ASSEMBLY FOR **BIOELECTROCHEMICAL SYSTEM**

		(71)Name of Applicant :
		1)INDIAN INSTITUTE OF TECHNOLOGY,
(51) International classification	:C02F1/00	KHARAGPUR
(31) Priority Document No	:NA	Address of Applicant :SPONSORED RESEARCH &
(32) Priority Date	:NA	INDUSTRIAL CONSULTANCY, INDIAN INSTITUTE OF
(33) Name of priority country	:NA	TECHNOLOGY, KHARAGPUR-721302, WEST BENGAL,
(86) International Application No	:NA	INDIA.
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)CHATTERJEE, PRITHA
(61) Patent of Addition to Application Number	:NA	2)GHADGE, ANIL
Filing Date	:NA	3)GHANGREKAR, MAKARAND M.
(62) Divisional to Application Number	:NA	4)PRADHAN, DEBABRATA
Filing Date	:NA	5)PANDIT, SOUMYA
-		6)DAS, DEBABRATA
		7)KHILARI, SANTIMOY

(57) Abstract : An earthen material based separator cathode assembly (SCA) for scalable bio-electrochemical system is provided that converts chemical energy to electrical energy. More particularly, the present invention provides a cheaper membrane electrode assembly [MEA] involving of baked earthenware as separator which is developed for its use in bio-electrochemical systems (BES) in general and microbial fuel cell in particular.



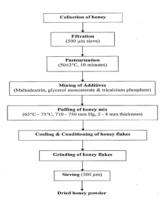
No. of Pages : 26 No. of Claims : 19

(22) Date of filing of Application :05/07/2013

#### (54) Title of the invention : A PROCESS FOR THE PRODUCTION OF HONEY POWDER

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> </ul>	1/00 :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)ASSAM UNIVERSITY <ul> <li>Address of Applicant :P.O: DURGAKONA, SILCHAR - 788</li> </ul> </li> <li>(71)Name of Inventor :</li> <li>1)SAHU, JATINDRA KUMAR</li> <li>2)DEVI, KONTHOUJAM DEEPIKA</li> </ul>
(87) 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 the process for the production of dry honey (specifically in the form of powder). The process is highly simple, efficient and a low cost production process. The process is essentially based on vacuum puffing technology. The honey powder produced has the advantages of having higher shelf life, better color and quality.



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

### (19) INDIA

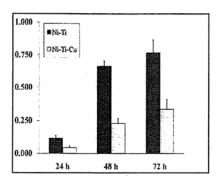
(22) Date of filing of Application :05/07/2013

(43) Publication Date : 09/01/2015

#### (54) Title of the invention : THIN FILM COATING FOR PREVENTING BIOFOULING OF SIBMERGED SURFACES

(51) International classification	·C02F1/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)INDIAN INSTITUTE OF TECHNOLOGY
(32) Priority Date	:NA	Address of Applicant :KHARAGPUR - 721302, WEST
(33) Name of priority country	:NA	BENGAL, INDIA
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1) AKASH KUMAR
(87) International Publication No	: NA	2) DIBYENDU ROY
(61) Patent of Addition to Application Number	:NA	3) ANINDYA SUNDAR GHOSH
Filing Date	:NA	4) SHAMPA AICH
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :This invention relates to a thin film for preventing biofouling of submerged surfaces comprising Nickel-Titanium-Copper (Ni-Ti-Cu).



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

(12) PATENT APPLICATION PUBLICATION(19) INDIA

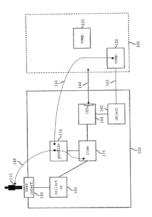
(22) Date of filing of Application :01/07/2014

(43) Publication Date : 09/01/2015

(54) Title of the invention : METHOD AND SYSTEM TO SUPPORT TECHNICAL TASKS IN DISTRIBUTED CONTROL SYSTEMS

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> </ul>	:13 003 340.0 :02/07/2013 :EPO :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)ABB TECHNOLOGY AG Address of Applicant :AFFOLTERNSTRASSE 44, 8050</li> <li>ZURICH, SWITZERLAND</li> <li>(72)Name of Inventor :</li> <li>1)SCHULZ, DIRK</li> <li>2)DRATH, RAINER</li> </ul>
Filing Date	:NA	
(87) International Publication No	: NA	2)DRATH, KAHVER
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :Method and computer system to support technical tasks in distributed control systems, The system has at least one memory configured to store a workflow-aware object (162) of a plurality of workflow-aware objects, wherein the workflow-aware object represents (142) at least one component (102) of an automation system (100). At least one computation component (164) is associated with the workflow-aware object (162), and has an interface (165) to receive (144) specific data of the automation system (100). The computer system (150) further includes at least one processor configured to execute the at least one computation component (164) to compute a workflow item (175) based on a workflow item profile (170) with user related information, and based on the specific data of the automation system (100), wherein the workflow item profile (170) specifies an object reference (146) to the at least one component (102) of the automation system (100), and wherein the user related information is configured for retrieval (148) of a user identifier being associated with the automation system engineer (110). A workflow item collector (180) is configured to identify the workflow item (175) based on predefined identification rules. The computer system (150) further includes a user interface component (190) configured to communicate the identified workflow item (175) to the automation system engineer (110) by use of the retrieved (148) user identifier.



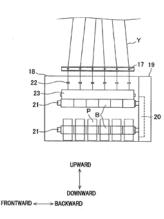
No. of Pages : 34 No. of Claims : 16

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

#### (54) Title of the invention : SPUN YARN TAKE-UP APPARATUS AND SPUN YARN TAKE-UP METHOD

(51) International classification	:D02G1/16	(71)Name of Applicant :
(31) Priority Document No	:2013- 139923	1)TMT MACHINERY, INC. Address of Applicant :6TH FL., OSAKA GREEN BLDG., 2-
(32) Priority Date	:03/07/2013	6-26 KITAHAMA, CHUO-KU, OSAKA-SHI, OSAKA 541-
(33) Name of priority country	:Japan	0041, JAPAN
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)INUI TOSHIYA
(87) 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 :Time required for yarn placement is shortened. A spun yarn take- up apparatus 1 taking up yarns Y spun out from a spinning apparatus 2 includes a yarn separation guide member 42 having grooves 44 lined up in a predetermined direction and a supporter 33 for supporting the yarn separation guide member 42. The yarn separation guide member 42 is detachably attached to the supporter 33. The spun yarn take-up apparatus 1 takes up the yarns Y while the yarn separation guide member 42 is attached to the supporter 33.



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

# (12) PATENT APPLICATION PUBLICATION(19) INDIA

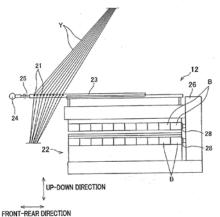
(22) Date of filing of Application :03/07/2014

(43) Publication Date : 09/01/2015

## (54) Title of the invention : YARN PLACEMENT TOOL OF SPUN YARN TAKE-UP APPARATUS AND YARN PLACEMENT METHOD FOR SPUN YARN TAKE-UP APPARATUS

(51) International classification	·D02G1/16	(71)Name of Applicant :
(31) Priority Document No	:2013- 141574	1)TMT MACHINERY, INC. Address of Applicant :6TH FL., OSAKA GREEN BLDG., 2-
(32) Priority Date	:05/07/2013	6-26 KITAHAMA, CHUO-KU, OSAKA-SHI, OSAKA 541-
(33) Name of priority country	:Japan	0041, JAPAN
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)KITAYAMA FUTOSHI
(87) International Publication No	: NA	2)HASHIMOTO KINZO
(61) Patent of Addition to Application Number	:NA	3)SUGIYAMA KENJI
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :A yarn placement tool 51 is provided for placing yarns Y spun out from a spinning apparatus 2 onto yarn placement portions 44 of a yarn guide 42 of a spun yarn take-up apparatus 1. The yarn placement tool 51 includes retaining grooves 53 which are configured to retain the respective yarns Y. Each retaining grooves 53 includes an inlet 55 on the leading end side and a holding portion 56 on the back side of the inlet 55. In the retaining grooves 53, the alignment intervals W1 of the inlets 55 are different from the alignment intervals W2 of the holding portions 56 (W1 $\neq$ W2).



PRONT-REAR DIRECTION

No. of Pages : 58 No. of Claims : 8

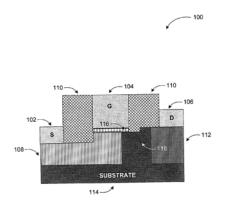
#### (19) INDIA

(22) Date of filing of Application :03/07/2013

#### (54) Title of the invention : TUNNEL FIELD-EFFECT TRANSISTOR (TFET) WITH SUPERSTEEP SUB-THRESHOLD SWING

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> </ul>	:H01L 29/00 :NA :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)University Of Calcutta Address of Applicant :Senate House, 87 /1 College Street, Kolkata, West Bengal 700 073, India</li> <li>(72)Name of Inventor :</li> <li>1)MALLIK, Abhijit</li> </ul>
(87) 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 Technologies are generally described herein generally relate to tunnel field-effect transistor (TFETs) structures with a gate-on-germanium source (GoGeS) on bulk silicon substrate for sub 0.5V (VDD) operations. In some examples, the GoGeS structure may include an increase in tunneling area and, thereby, a corresponding increases in the ON-state current ION. In order to achieve supersteep sub-threshold swing, both the lateral tunneling due to gate electric-field and the non-uniform tunneling at the gate-edge due to field-induced barrier lowering (FIBL) may be suppressed through selection of component dimension in the device structure. Example devices may be fabricated using CMOS fabrication technologies with the addition of selective etching in the process flow.



No. of Pages : 39 No. of Claims : 10

#### (19) INDIA

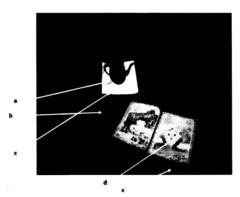
(22) Date of filing of Application :03/07/2013

(43) Publication Date : 09/01/2015

#### (54) Title of the invention : AUGMENTED REALITY BASED EDUCATION BOOK

(51) International classification	:A61F2/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1) MUKHERJEE SOMNATH
(32) Priority Date	:NA	Address of Applicant :MAJARU APARTMENT, G/A, 489/A
(33) Name of priority country	:NA	S. H. B. SARANI, JAWPUR ROAD, CITY:-KOLKATA
(86) International Application No	:NA	STATE:- WEST BENGAL COUNTRY:-INDIA PIN - 700074.
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1) MUKHERJEE SOMNATH
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract : This new invention relates to improvement of overall teaching methods by value addition of existing & conventional education system through primary to secondary school education.



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

### AMENDMENT UNDER SEC.57, KOLKATA

(1)

In pursuance of leave granted under Section 57 of the Patents Act, 1970 the name and address of the Patentee in respect of Patent No. 235899 (434/KOL/2004) has been amended as follows:

ALSTOM POWER BOILER GMBH, AUGSBURGER STR, 712 D-70329 STUTTGART, GERMANY to ALSTOM POWER SYSTEMS GMBH of Boveristrasse 22, 68309 Mannheim, Germany

ALSTOM POWER BOILER SERVICE GMBH, NEUMARK, GERMANY to ALSTOM POWER BOILER SERVICE GMBH, STUTTGART, GERMANY

ALSTOM POWER BOILER SERVICE GMBH STUTTGART, GERMANY to ALSTOM POWER BOILER SERVICE GMBH, MANNHEIM, GERMANY

ALSTOM POWER BOILER SERVICE GMBH, MANNHEIM, GERMANY to ALSTOM ZWEITE VERWALTUNGS-GMBH, a German Corporation, Boveristrasse 22, 68309, Mannheim, Germany

(2)

In pursuance of leave granted under Section 57 of the Patents Act, 1970 the name of the Patentee in respect of Patent No. 246304 (978/KOL/NP/2003) has been amended as follows:

ALSTOM POWER BOILER GMBH to ALSTOM POWER SYSTEMS GMBH

## PUBLICATION U/R 84[3] IN RESPECT OF APPLICATION FOR RESTORATION OF PATENTS (KOLKATA)

Notice is hereby given that any person interested in opposing the following applications for Restoration of Patents 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, 2003.

Patent No.	Applicants	Title	Date of Cessation	Appropria te Office
201711	Neks Recherche et Developpment INC.	Interproximal Tooth Coating Applicator.	01/05/2013	KOLKATA

### APPLICATION FOR RESTORATION OF PATENT U/r.84(KOLKATA)

#### (01)

The application for restoration of ceased Patent No.221117 (1407/KOLNP/2005) was published in the journal No.37/2010 dated the 10<sup>th</sup> September, 2010 remain ceased w.e.f. 17<sup>th</sup> January,2009.as the applicants do not proceeded accordingly.

#### (02)

The application for restoration of ceased Patent No.231414 (IN/PCT/2000/306/KOL) was published in the journal No.31/14 dated the 1<sup>st</sup> August,2014 . remain ceased w.e.f. 19th February, 2013 as Patentee is no longer interested to proceed further.

## **Publication Under Section 43(2) in Respect of the Grant**

# Following Patents have been granted and any person interested in opposing these patents under Section 25(2) may at any time within one year from the date of this issue, give notice to the Controller of Patents at the appropriate office, on the prescribed form-7 along with written statement and evidence, if any.

Ser ial Nu mb er	Patent Numbe r	Application Number	Date of Application	Date of Priority	Title of Invention	Name of Patentee	Date of Publication of Abstract u/s 11(A)	Approp riate Office
1	264526	2921/DELNP/2007	25/10/2005	28/10/2004	PROCESS FOR PRODUCING PENAM COMPOUND	OTSUKA CHEMICAL CO.,LTD	17/08/2007	DELHI
2	264527	1057/DELNP/2006	05/08/2004	05/08/2004	STABLE EMULSIONS FOR LOWERING THE POUR POINT OF CRUDE OILS AND FOR INHIBITING PARAFFIN DEPOSITION	CECA S.A.	10/08/2007	DELHI
3	264529	922/DELNP/2007	07/07/2005	07/07/2004	IMPROVED ENZYMES.	DSM IP ASSETS B.V.	03/08/2007	DELHI
4	264530	9891/DELNP/2007	26/05/2006	27/05/2005	AN ISOLATED BONE MORPHOGENETIC PROTEIN 3 (BMP-3)	BBS-BIOACTIVE BONE SUBSTITUTES OY	20/06/2008	DELHI
5	264531	1423/DELNP/2007	31/07/2003	17/08/2002	METHODS OF PROVIDING MEDIA CONTENT BY A REMOTE SERVER TO A USER DEVICE	DISNEY ENTERPRISES,INC.	24/08/2007	DELHI
6	264533	7947/DELNP/2006	13/06/2005	14/06/2004	FLUID PRODUCT DISPENSER	VALOIS S.A.S	27/04/2007	DELHI
7	264537	4924/DELNP/2007	27/12/2005	11/01/2005	METHOD AND DEVICE FOR MEASURING CIRCULATION QUANTITY OF BED MATERIAL IN CIRCULATING FLUIDIZED BED COMBUSTOR	ISHIKAWAJIMA-HARIMA HEAVY INDUSTRIES CO., LTD.	10/08/2007	DELHI
8	264540	4045/DELNP/2008	06/11/2006	07/11/2005	GLUCAGON ANALOGS EXHIBITING PHYSIOLOGICAL SOLUBILITY AND STABILITY	INDIANA UNIVERSITY RESEARCH AND TECHNOLOGY CORPORATION;	01/08/2008	DELHI
9	264546	485/DELNP/2009	31/07/2007	01/08/2006	A RECOMBINANT OR TRANSGENIC FACTOR VII	LFB BIOTECHNOLOGIES	20/08/2010	DELHI
10	264548	527/DELNP/2009	13/07/2007	24/07/2006	EXENDIN FUSION PROTEINS	BIOREXIS PHARMACEUTICAL CORPORATION	29/05/2009	DELHI
11	264549	4431/DELNP/2007	15/11/2005	16/11/2004	NEW USE FOR CANNABINOID	GW PHARMA LIMITED	24/08/2007	DELHI
12	264550	7246/DELNP/2006	27/06/2005	17/06/2004	HAMMER TACKER	ISABERG RAPID AB	24/08/2007	DELHI

13	264552	160/DELNP/2007	05/07/2005	19/07/2004	METHOD AND APPARATUS FOR ENHANCED UPLINK MULTIPLEXING	INTEL CORPORATION	03/08/2007	DELHI
14	264553	2976/DELNP/2006	25/11/2004	25/11/2003	TWIN MASTER CYLINDER ASSEMBLY	CARLISLE BRAKE PRODUCTS (U.K.) LTD.	03/08/2007	DELHI
15	264554	2944/DEL/2005	03/11/2005	17/11/2004	CONNECTION MEANS BETWEEN ROD AND CROSS HEAD FOR A RECIPROCATING MACHINE	NUOVO PIGNONE S.P.A	02/10/2009	DELHI
16	264555	2788/DELNP/2007	31/08/2005	18/09/2004	PRESS MOULDING TOOL AND METHOD FOR PRODUCTION OF A COMPONENT BY PRESS MOULDING	FAURECIA INNENRAUM SYSTEME GMBH	17/08/2007	DELHI
17	264556	1605/DEL/2004	26/08/2004		A SPECTROPHOTOMETRIC SYSTEM FOR MEASUREMENT OF VERTICAL VELOCITY OF CLINICAL AND BIOLOGICAL SAMPLES	COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH	18/08/2006	DELHI
18	264557	5344/DELNP/2006	22/03/2005	30/03/2004	A CONFIGURATION VIEWING SYSTEM FOR USE IN A PROCESS PLANT	FISHER ROSEMOUNT SYSTEMS INC.	03/08/2007	DELHI
19	264560	2282/DELNP/2008	12/09/2006	16/09/2005	TONE HOPPING IN THE UPLINK OF A SECTORIZED OFDM SYSTEM	QUALCOMM INCORPORATED	15/08/2008	DELHI
20	264562	1758/DEL/2004	17/09/2004		A PROCESS FOR THE PRODUCTION OF CERAMIC TILES USEFUL FOR WALL AND FLOOR	COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH	18/08/2006	DELHI
21	264563	7516/DELNP/2006	18/05/2005	18/05/2004	TC-83-DERIVED ALPHAVIRUS VECTORS, PARTICLES AND METHODS	ALPHAVAX,INC.	24/08/2007	DELHI
22	264565	612/DELNP/2007	14/07/2005	16/07/2004	A METHOD AND AN APPARATUS FOR RATE CONTROL IN A FRACTIONAL REUSE COMMUNICATION SYSTEM	QUALCOMM INCORPORATED	17/08/2007	DELHI
23	264568	1781/DEL/2006	04/08/2006	29/12/2005	DOUBLE INSULATION SAFE ELECTRICAL WATER HEATER	A.O. SMITH (CHINA) WATER HEATER CO., LTD.	31/08/2007	DELHI
24	264570	3164/DELNP/2006	15/12/2004	23/12/2003	METHOD AND APPARATUS FOR COLLECTING AND PROCESSING BLOOD	BAXTER INTERNATIONAL INC.	24/08/2007	DELHI

25	264571	7149/DELNP/2006	01/06/2005	16/06/2004	SYSTEM AND METHOD FOR ROUTING ASYNCHRONOUS SIGNALS	THOMSON LICENSING	17/08/2007	DELHI
26	264572	4648/DELNP/2006	24/02/2005	24/02/2004	AN INTEGRATED RAIL CAR TRACKING SYSTEM	GENERAL ELECTRIC COMPANY	24/08/2007	DELHI
27	264573	3319/DELNP/2006	10/11/2004	12/11/2003	AN AIR CLEANER AND A METHOD OF SERVICING AIR CLEANER	DONALDSON COMPANY, INC.	20/04/2007	DELHI
28	264574	6954/DELNP/2008	26/04/2007	26/04/2006	A LUBRICATING COMPOSITION	R.T. VANDERBILT COMPANY, INC.	29/08/2008	DELHI
29	264575	9403/DELNP/2008	04/09/2007	30/05/2006	A METHOD OF CONTROLLING A MECHANICAL COMPRESSION RATIO BY A VARIABLE COMPRESSION MECHANISM	TOYOTA JIDOSHA KABUSHIKI KAISHA	29/05/2009	DELHI
30	264576	731/DEL/2006	20/03/2006		A METHOD FOR DIRECT SOLIDIFICATION AND STABILIZATION OF LIQUID HAZARDOUS WASTES CONTAINING UP TO 1,00,000 MG/L OF ARSENIC	COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH	17/02/2012	DELHI
31	264577	10406/DELNP/2008	14/06/2007	15/06/2006	HYDROLYSED EGG PROTEIN	NESTEC S.A	20/03/2009	DELHI
32	264578	4426/DELNP/2008	17/11/2006	23/11/2005	HIGH-POTENCY SWEETENER COMPOSITION WITH VITAMIN AND COMPOSITONS SWEETENED THEREWITH	THE COCA-COLA COMPANY	15/08/2008	DELHI
33	264579	592/DEL/2007	19/03/2007		A PROCESS FOR THE PREPARATION OF INORGANIC PIGMENT BASED ON MIXED RARE EARTH OXIDES	COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH	10/02/2012	DELHI
34	264580	6216/DELNP/2008	17/01/2007	17/01/2006	METHOD OF PRODUCING PARTICLES BY PHYSICAL VAPOR DEPOSITION IN AN IONIC LIQUID	PPG INDUSTRIES OHIO, INC.	24/10/2008	DELHI
35	264582	8243/DELNP/2009	19/06/2008	20/06/2007	A METHOD OF CHANGING THE FLOWER COLOR OF A ROSE TOWARD BLUE	SUNTARY HOLDING LIMITED	16/07/2010	DELHI
36	264587	5006/DELNP/2007	24/01/2006	24/01/2005	METHOD OF PREPARING A NUTRITIONAL COMPOSITION	NESTEC S.A,	17/08/2007	DELHI

37	264588	1083/DEL/2007	18/05/2007	19/05/2006	OPHTHALMIC SURGICAL SYSTEM	ALCON, INC.	23/11/2007	DELHI
38	264591	6442/DELNP/2006	29/04/2005	12/05/2004	BAND STOP FILTER	FILTRONIC COMTEK OY	31/08/2007	DELHI
39	264593	1315/DELNP/2008	10/08/2006	16/08/2005	NUCLEIC ACID FOR TREATMENT OR PREVENTION OF IMMUNODEFICIENCY VIRUS INFECTION	TAKARA BIO INC.	20/06/2008	DELHI
40	264594	6246/DELNP/2006	27/05/2004	27/05/2004	MESH AND METHODS AND APPARATUS FOR FORMING AND USING MESH	KAYNEMAILE LIMITED	31/08/2007	DELHI
41	264597	7151/DELNP/2007	20/03/2006	21/03/2005	METHOD FOR MAKING A COATING SUBSTRATE	PPG INDUSTRIES OHIO, INC.	05/10/2007	DELHI
42	264598	879/DELNP/2009	31/07/2007	18/08/2006	MULATI-LAYER COMPOSITES FORMED FROM COMPOSITION HAVING IMPROVED ADHESION	PPG INDUSTRIES OHIO, INC.	20/08/2010	DELHI
43	264599	544/DEL/2008	05/03/2008 13:23:46		A CYCLIC LIPOPOLYPEPTIDE OF BACILLUS SUBTILIS SSP SUBTILIS (VCRC B4721) WITH POTENTIAL TO KILL MOSQUITO STAGES	INDIAN COUNCIL OF MEDICAL RESEARCH	18/09/2009	DELHI

### **Publication Under Section 43(2) in Respect of the Grant**

# Following Patents have been granted and any person interested in opposing these patents under Section 25(2) may at any time within one year from the date of this issue, give notice to the Controller of Patents at the appropriate office, on the prescribed form-7 along with written statement and evidence, if any.

Seri al Nu mbe r	Patent Numbe r	Application Number	Date of Application	Date of Priority	Title of Invention	Name of Patentee	Date of Publication of Abstract u/s 11(A)	Appropriat e Office
1	264528	1416/MUM/2009	12/06/2009		SYNERGISTIC HERBICIDAL COMPOSITION OF ACIFLUORFEN SODIUM AND CLODINAFOP PROPARGYL	UPL LIMITED	14/06/2013	MUMBAI
2	264545	1101/MUMNP/2007	23/12/2005	24/12/2004	A WATER SOLUBLE MULTI LAYER FILMIC PRODUCT	ADVANCE IP TECHNOLOGIES LIMITED	12/10/2007	MUMBAI
3	264581	2082/MUMNP/2007	09/06/2006	10/06/2005	A COMPOSITE TRANSPARENT ARMOR	SAINT-GOBAIN CERAMICS & PLASTICS INC.	18/01/2008	MUMBAI

## **Publication Under Section 43(2) in Respect of the Grant**

# Following Patents have been granted and any person interested in opposing these patents under Section 25(2) may at any time within one year from the date of this issue, give notice to the Controller of Patents at the appropriate office, on the prescribed form-7 along with written statement and evidence, if any.

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)	Appropriat e Office
1	264532	6461/CHENP/2008	18/04/2007	26/05/2006	A RADIO COMMUNICATION METHOD OF A RADIO COMMUNICATION APPARATUS	NEC CORPORATION,NEC ENGINEERING, LTD.	27/03/2009	CHENNAI
2	264534	101/CHE/2008	10/01/2008		METHOD AND APPARATUS FOR DETERMINING MOST DELAYED FRAME IN A VIRTUAL CONCATENATION GROUP	TEJAS NETWORKS LIMITED	07/08/2009	CHENNAI
3	264535	1667/CHE/2007	31/07/2007		TRANSDUCER DETECTION METHOD AND SYSTEM FOR IBP MONITOR	SKANRAY HEALTHCARE PRIVATE LIMITED	16/10/2009	CHENNAI
4	264536	4734/CHENP/2006	09/06/2005	23/06/2004	EFFICIENT EVALUATION OF QUERIES USING TRANSLATION	ORACLE INTERNATIONAL CORPORATION	29/06/2007	CHENNAI
5	264541	1790/MAS/1997	12/08/1997		A METHOD FOR PRODUCING A SPONTANEOUSLY IMMORTALIZED CELL LINE.	REGENTS OF THE UNIVERSITY OF MINNESOTA,	22/05/2009	CHENNAI
6	264543	2209/CHENP/2007	22/11/2004	22/11/2004	CONVERTER CIRCUIT FOR SWITCHING OF A MULTIPLICITY OF SWITCHING VOLTAGE LEVELS	ABB RESEARCH LTD.	07/09/2007	CHENNAI
7	264544	3209/CHE/2008	19/12/2008 17:02:59		AN ANALOG COMPENSATION METHOD AND SYSTEM FOR REDUCING DISTORTION IN A DATA ACQUISITION SYSTEM	INDIAN SPACE RESEARCH ORGANISATION	25/06/2010	CHENNAI
8	264551	1033/CHE/2007	01/12/2005	22/03/2005	A RING MECHANISM FOR HOLDING LOOSE- LEAF PAGES	WORLD WIDE STATIONERY MANUFACTURING COMPANY, LTD.	05/12/2008	CHENNAI
9	264558	6753/CHENP/2008	08/05/2007	09/05/2006	AN ARM FOR A MOTOR VEHICLE INDEPENDENT SUSPENSION AND MOTOR VEHICLE INDEPENDENT SUSPENSION COMPRISING THE SAME	SISTEMI SOSPENSIONI S.p.A.	27/03/2009	CHENNAI

10	264559	126/CHE/2007	19/01/2007		FUEL TANK CAP RECEPTABLE IN A MOTORCYCLE	R & D, TVS MOTOR COMPANY LIMITED	28/11/2008	CHENNAI
11	264561	1231/CHE/2008	21/05/2008		POINT FLUTED BOTTOM ROLLERS FOR ROLLER DRAFTING SYSTEM OF YARN SPINNING AND PREPARATORY MACHINES	ANNA UNIVERSITY CHENNAI	13/06/2008	CHENNAI
12	264595	344/CHENP/2009	08/04/2004	11/04/2003	METHOD FOR PREPARATION OF SITE- SPECIFIC PROTEIN CONJUGATES	PR PHARMACEUTICALS INC.,	05/06/2009	CHENNAI
13	264596	2098/CHENP/2007	28/10/2005	01/11/2004	INNER CUTTER WITH CUTTER BLADES AT DIFFERENT RADII, METHOD FOR MANUFACTURING SUCH UNIT, SHAVER HEAD AND ROTARY SHAVER PROVIDED THEREWITH	KONINKLIJKE PHILIPS ELECTRONICS N. V.	07/09/2007	CHENNAI

## **Publication Under Section 43(2) in Respect of the Grant**

# Following Patents have been granted and any person interested in opposing these patents under Section 25(2) may at any time within one year from the date of this issue, give notice to the Controller of Patents at the appropriate office, on the prescribed form-7 along with written statement and evidence, if any.

Seri al Nu mbe r	Patent Number	Application Number	Date of Application	Date of Priority	Title of Invention	Name of Patentee	Date of Publication of Abstract u/s 11(A)	Appropriate Office
1	264538	3220/KOLNP/2007	13/03/2006	11/03/2005	IMMUNOSUPPRESSIV E AGENT AND ANTI- TUMOR AGENT COMPRISING HETEROCYCLIC COMPOUND AS ACTIVE INGREDIENT	ZENYAKU KOGYO KABUSHIKIKAISHA	04/01/2008	KOLKATA
2	264539	452/KOLNP/2008	04/07/2005	04/07/2005	AN IMPROVED REPEATER ANTENNA FOR USE IN POINT-TO- POINT APPLICATIONS	TELEFONAKTIEBOLAGE T LM ERICSSON (PUBL)	17/10/2008	KOLKATA
3	264542	981/KOLNP/2007	15/09/2005	17/09/2004	FLOOR LOCK	KNORR-BREMSE GES.M.B.H.	13/07/2007	KOLKATA
4	264547	2310/KOLNP/2005	07/05/2004	09/05/2003	RESUSCITATION TRAINING MANIKIN	LAERDAL MEDICAL AS	27/10/2006	KOLKATA
5	264564	938/KOLNP/2007	08/09/2005	08/09/2004	A METHOD FOR CULTURING HUMAN PLURIPOTENT STEM CELLS IN AN UNDIFFERENTIATED STATE	WISCONSIN ALUMNI RESEARCH FOUNDATION	13/07/2007	KOLKATA
6	264566	1256/KOLNP/2008	01/09/2006	02/09/2005	MULTI-STAGE HIGH- PRESSURE COMPRESSION INSTALLATION	ATLAS COPCO CREPELLE S.A.S.	02/01/2009	KOLKATA
7	264567	260/KOL/2008	14/02/2008	28/02/2007	METHODS AND ARBITRATION SYSTEM FOR REGULATING A TORQUE OUTPUT OF A VEHICLE POWERTRAIN	GM GLOBAL TECHNOLOGY OPERATIONS, INC.	17/04/2009	KOLKATA
8	264569	1893/KOLNP/2008	20/11/2006	21/11/2005	METHOD FOR INTRODUCING A WEFT THREAD IN AN AIR WEAVING MACHINE AND AIR WEAVING MACHINE	PICANOL N.V.	09/01/2009	KOLKATA
9	264583	2692/KOLNP/2006	17/09/2004	17/09/2004	APPARATUS FOR FEEDING POUCHES AND THEIR RESPECTIVE SPOUTS TO A ROTARY MACHINE FOR THE PROCESSING OF THE SAME AND RELATIVE METHOD	INDAG GESELLSCHAFT FUR INDUSTRIEBEDARF MBH & CO. BETRIEBS KG.	01/06/2007	KOLKATA

10	264584	695/KOL/2008	09/04/2008	21/05/2007	A TRANSMISSION WITH SEVEN TORQUE TRANSMITTING MECHANISMS TO PROVIDE AT LEAST EIGHT FORWARD SPEED RATIOS AND A REVERSE SPEED RATIO	GM GLOBAL TECHNOLOGY OPERATIONS, INC.	05/06/2009	KOLKATA
11	264585	2883/KOLNP/2006	05/04/2005	05/04/2004	AN APPARATUS TO CALIBRATE AN OPTICAL INSTRUMENT AND WARM A DISTAL PORTION OF SAID OPTICAL INSTRUMENT	FISHER & PAYKEL HEALTHCARE LTD	08/06/2007	KOLKATA
12	264586	1373/KOLNP/2008	27/10/2006	31/10/2005	DATA RECEIVING METHOD FOR MOBILE COMMUNICATION TERMINAL	LG ELECTRONICS INC.	26/12/2008	KOLKATA
13	264589	2218/KOLNP/2007	22/12/2005	23/12/2004	WINDOW PANE WITH A SAFETY ELEMENT FOR ATTENAUTING THE EFFECT OF SHOCK OR PRESSURE WAVE	SAINT-GOBAIN GLASS FRANCE	17/08/2007	KOLKATA
14	264590	2333/KOLNP/2008	19/01/2007	19/01/2006	METHODS AND APPARATUSES FOR DECODING AUDIO SIGNALS USING SOURCE MAPPING INFORMATION	LG ELECTRONICS INC.	16/01/2009	KOLKATA
15	264592	833/KOLNP/2007	03/08/2005	27/08/2004	A CONTROLLER FOR AN AIR POLLUTION CONTROL SYSTEM AND A METHOD FOR PERFORMING AN AIR POLLUTION CONTROL PROCESS	ALSTOM TECHNOLOGY LTD.	13/07/2007	KOLKATA

## CONTINUED TO PART-2

#### **CONTINUED FROM PART-1**

## **INTRODUCTION**

In view of the recent amendment made in the Designs (Amendment) Rules, 2008 with effect from 17/06/2008, Publication of the matter relating to Designs is being published in the Official Journal of The Patent Office. This Journal is being published on weekly basis on every Friday covering the various proceedings on Designs as required according to the provisions of under Rule 22, 25, 27 and 39 of the Design (Amendment) Rules, 2008. All the enquiries on this Official Journal and other information as required by the public should be addressed to the Controller General of Patents, Designs & Trade Marks. Suggestions and comments are requested from all quarters so that the content can be enriched.

### THE DESIGNS ACT 2000 (SECTION 30) DESIGN ASSIGNMENT

The Design stands in the name of BIOCARTIS SA registered under the Designs Act, 2000 has been assigned in the Register of Designs in the name as follows:-

Design No.	Class	Name		
239896 239897 239898	24-01	BIOCARTIS NV, A COMPANY ORGANIZED AND EXISTING UNDER THE LAWS OF BELGIUM, WITH ITS ADDRESS AT, GENERAAL DE WITTELAAN 11 B3, 2800 MECHELEN, BELGIUM		

#### CANCELLATION PROCEEDINGS under Section 19 of the Designs Act, 2000

#### (01)

"The Asstt. Controller of Patents & Designs passed an order on 2/1/2015 to cancel the registration of registered Design No. 198494 dated 8/2/2005 under class 09-01 titled as 'Bottle' in the name of Shaw Wallace & Company Limited, an Indian company incorporated under the Companies Act,1913 having its registered office at 4, Bankshall Street, Kolkata 700001, W.B., India"

#### (02)

"The Ld. Asstt. Controller of Patents & Designs passed an order on 2/1/2015 to dismiss the petition filed Balbir Chand, sole proprietor of Gogna Tweezer Works, 132, Rajput Nagar, Model House, Jalandhar-144003, India on 28/2/2006 for cancellation of registration of registered Design No. 198094 dated 4<sup>th</sup> January 2005 under Class 28-03 titled as 'Tweezer' in the name of Neeraj Verma, Indian, sole proprietor of M/s. Royal International, Indian proprietory firm, Model House Road, Jalandhar-144003 (Punjab), India."

#### (03)

"The Ld. Asstt. Controller of Patents & Designs passed an order on 2/1/2015 to dismiss the petition filed Balbir Chand, sole proprietor of Gogna Tweezer Works, 132, Rajput Nagar, Model House, Jalandhar-144003, India on 28/2/2006 for cancellation of registration of registered Design No. 198095 dated 4<sup>th</sup> January 2005 under Class 28-03 titled as 'Tweezer' in the name of Neeraj Verma, Indian, sole proprietor of M/s. Royal International, Indian proprietory firm, Model House Road, Jalandhar-144003 (Punjab), India."

## **COPYRIGHT PUBLICATION**

SL NO	REGISTERED DESIGN NUMBERS	<b>RENEWED ON</b>
1.	182969	22.12.2014
2.	182970	22.12.2014
3.	200514	10.12.2014
4.	258393	10.12.2014
5.	224822	22.12.2014
6.	231778	22.12.2014
7.	255819	10.12.2014
8.	253359	10.12.2014
9.	258771	10.12.2014
10.	258770	10.12.2014
11.	258769	10.12.2014
12.	258636	10.12.2014
13.	258363	10.12.2014
14.	258361	10.12.2014
15.	258228	10.12.2014
16.	258227	10.12.2014

#### **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		262914	
CLASS		07-02	
1)HAWKINS COOKERS LIMITE MAKER TOWER F 101, CUFFE P MAHARASHTRA, INDIA, AN INDIA	ARADE, P.O. BOX 160	083, MUMBAI-400 005,	
DATE OF REGISTRATION	26	5/05/2014	
TITLE	СО	OKWARE	
PRIORITY NA			
DESIGN NUMBER		261410	
CLASS		26-05	
1) <b>R. STAHL SCHALTGERÄTE G</b> AM BAHNHOF 30, 74638 WALD		, A GERMAN COMPANY	
DATE OF REGISTRATION	31	/03/2014	A
TITLE	LIGHT	ING FIXTURE	•
PRIORITY			
PRIORITY NUMBER	DATE COUNTRY		
002317784	30/09/2013	OHIM	
DESIGN NUMBER		258762	
CLASS		12-16	
1)FERNO-WASHINGTON, INC. C 70, WEIL WAY, WILMINGTON, CORPORATION OF THE STATE OF	OHIO 45177, UNITED	STATES OF AMERICA, A	
DATE OF REGISTRATION	16	5/12/2013	- Aller
TITLE	LEGS OF A PATIENT TRANSPORT DEVICE (SET)		
PRIORITY	·		
PRIORITY NUMBER	DATE	COUNTRY	(G)/
29/458,150	17/06/2013	U.S.A.	

DESIGN NUMBER		263093					
CLASS		15-05					3
1)ADVANCE APPLIANCES (INDIA), 2551, DHARAMPURA, DARIBA, DELHI-110006, INDIA, AN INDIAN PROPRIETORSHIP FIRM WHOSE PROPRIETOR IS VIPUL GARG, AN INDIAN NATIONAL, OF THE ABOVE ADDRESS							5
DATE OF REGISTRATION		03/06/2014	03/06/2014				
TITLE	IRC	ONING MACH	IINE		1000		
PRIORITY NA				é		-	
DESIGN NUMBER			250	625			
CLASS			12-	08			
1) <b>MAN TRUCK &amp; BUS</b> DACHAUER STR. 667						C	
DATE OF REGISTRATI	ON	03/01/2013				-	End
TITLE		DRIVER	S CAB OF A	UTILITY	VEHICLE	m	
PRIORITY PRIORITY NUMBER 001335236		DATE COUNT 04/07/2012 OHIM		TRY			
DESIGN NUMBER		261	560				
CLASS		14-01					
1)BOSE CORPORATIO DELAWARE, OF THE MOUNTAIN, MS 01701-9168, UNITED STA	3B1 FRAM	INGHAM, MA					
DATE OF REGISTRATION		07/04	/2014				
TITLE		AUDIO	SYSTEM				
		ATE 3/10/2013	COUNTR U.S.A.	Y			

DESIGN NUMBER	261646	
CLASS	08-09	
THE COMPANIES ACT, 1956, HAV	TED, COMPANY INCORPORATED UNDER ING ITS REGISTERED OFFICE AT INAI-600002, TAMIL NADU, INDIA	
DATE OF REGISTRATION	10/04/2014	
TITLE	STRUCTURAL METAL FITTING FOR GLASS PANELS	
PRIORITY NA		
DESIGN NUMBER	262693	
CLASS	03-01	1
ASHOK RUPANI, 2) MRS. GAZAL G ADDRESS	1, WHOSE PARTNERS ARE: 1) MR. SUMEET UL MANIK INDIAN NATIONALS., OF ABOVE	
DATE OF REGISTRATION	19/05/2014	We the the cost of
TITLE	TRAVEL BAG	
PRIORITY NA		
DESIGN NUMBER	259524	
CLASS	28-04	<u>e</u>
	I <b>NDIAN NATIONAL) HAVING OFFICE AT</b> AN, BABU SHETH CHAWL, SHANTILAL HAR (EAST), MUMBAI-400051,	
DATE OF REGISTRATION	ATE OF REGISTRATION 20/01/2014	
TITLE	TITLE HAIR PLAITS	
PRIORITY NA		

DESIGN NUMBER		
CLASS	25-01	
1)GUJARAT BOROSIL LIMITED UNDER THE PROVISIONS OF THI 1101, CRESCENZO, G-BLOCK, O BANDRA (E), MUMBAI-400051, MA		
DATE OF REGISTRATION	14/03/2014	
TITLE	GLASS SHEET	
PRIORITY NA		
DESIGN NUMBER	263095	
CLASS	15-05	
	DELHI-110006, INDIA, AN INDIAN ROPRIETOR IS VIPUL GARG, AN INDIAN	6
DATE OF REGISTRATION	03/06/2014	
TITLE	IRONING MACHINE	
PRIORITY NA		
DESIGN NUMBER	261854	
CLASS	12-16	
1) <b>SAMSUDIN SEAYEDH, NATIO</b> S/O HASAN ALI SEAYEDH, NH 8 NOKHA, BIKANER-334803 (RAJAST		
DATE OF REGISTRATION 21/04/2014		
TITLE CAR BUMPER GUARD		
PRIORITY NA	•	

DESIGN NUMBER	20	62915	
CLASS	(	07-02	
1)HAWKINS COOKERS LIMITED MAKER TOWER F 101, CUFFE PA MAHARASHTRA, INDIA, AN INDIA			
DATE OF REGISTRATION	26/	05/2014	
TITLE	COO	KWARE	
PRIORITY NA			
DESIGN NUMBER	2:	59523	
CLASS	2	28-04	2
1)MANSA DEVI BHARADWAJ., (I ROOM NO. 1, KALAVATI BHAVA COMPOUND, JAWAHAR NAGAR, K MAHARASHTRA (INDIA)	AN, BABU SHETH CHA	AWL, SHANTILAL	
DATE OF REGISTRATION	20/	01/2014	
TITLE	HAIF	R PLAITS	
PRIORITY NA			1
DESIGN NUMBER	2	61411	
CLASS	2	26-05	
1) <b>R. STAHL SCHALTGERÄTE G</b> M AM BAHNHOF 30, 74638 WALDE			
DATE OF REGISTRATION	31/0	03/2014	
TITLE	LIGHTIN	IG FIXTURE	4
PRIORITY			_
PRIORITY NUMBER	DATE	COUNTRY	
002317784	30/09/2013	OHIM	

DESIGN NUMBER	263094	
CLASS	15-05	8
PROPRIETORSHIP FIRM WHO INDIAN NATIONAL, OF THE	RIBA, DELHI-110006, INDIA, AN INDIAN DSE PROPRIETOR IS VIPUL GARG, AN ABOVE ADDRESS	
DATE OF REGISTRATION	03/06/2014	
TITLE	IRONING MACHINE	
PRIORITY NA		
DESIGN NUMBER	261799	
CLASS	12-08	
BUSINESS=DESIGNER,	HARGOVANDAS, AGE=50 YRS., OYMENT OFFICE, BECHARPURA, T-BANASKANTHA, GUJARAT,	
DATE OF REGISTRATION	16/04/2014	
TITLE	TWO WHEELER AMBULANCE	
PRIORITY NA		
DESIGN NUMBER	261647	
CLASS	08-09	
THE COMPANIES ACT, 1956	<b>LIMITED, COMPANY INCORPORATE</b> <b>, HAVING ITS REGISTERED OFFICE A</b> CHENNAI-600002, TAMIL NADU, INDIA	T I
DATE OF REGISTRATION	10/04/2014	
TITLE	STRUCTURAL METAL FITTING PANELS	FOR GLASS
PRIORITY NA		

DESIGN NUMBER	2	62267	
CLASS		09-09	
1)BRABANTIA NEDERLAND B.V. DUTCH LAW, DE HAAK 14, 5555 XK VALKENS	, ,		
DATE OF REGISTRATION	01/	/05/2014	10,000,000,001
TITLE	WA	STE BIN	10.0000
PRIORITY			10 100 100 IS
PRIORITY NUMBER	DATE	COUNTRY	
002423707-0001	12/03/2014	OHIM	
DESIGN NUMBER	2	.62354	
CLASS		09-01	- H
PARTNERSHIP FIRM, HAVING ITS PLOT NO-116, B/H. ROLEX BEAR STREET, NR. RAJKAMAL PETROL P INDIA	INGS EAGLE FORD S	SERVICE STATION	
DATE OF REGISTRATION	05/	/05/2014	
TITLE	В	OTTLE	
PRIORITY NA			
DESIGN NUMBER	2	60800	
CLASS		09-07	0
1)RECKITT BENCKISER (BRAND 103-105 BATH ROAD, SLOUGH B			
DATE OF REGISTRATION	05/	/03/2014	
TITLE		OR AN ADHESIVE POSITION	Klad
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
002304055	06/09/2013	OHIM	

DESIGN NUMBER		260979	
CLASS		13-03	
1)ABB FRANCE, A COMPANY ( OF 3 AVENUE DU CANADA, IN COURTABOEUF CEDEX, FRANCE	MMEUBLE ATHOS, LE		VIII
DATE OF REGISTRATION	14	4/03/2014	
TITLE	ELECTR	IC CONNECTOR	
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
002 312 603-0009	19/09/2013	OHIM	
DESIGN NUMBER		261223	
CLASS		09-01	
ADDRESS 17 BOULEVARD HAUSSMANN DATE OF REGISTRATION	, ,	E 5/03/2014	
TITLE		JRTS AND ICE CREAMS	
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
13/4166	27/09/2013	FRANCE	
DESIGN NUMBER		263096	
CLASS		15-05	
1)ADVANCE APPLIANCES (INI 2551, DHARAMPURA, DARIBA PROPRIETORSHIP FIRM WHOSE I NATIONAL, OF THE ABOVE ADD	, DELHI-110006, INDIA PROPRIETOR IS VIPUL		6
DATE OF REGISTRATION	0.	3/06/2014	
TITLE	IRONI	NG MACHINE	
PRIORITY NA			

DESIGN NUMBER		2623	359	
CLASS		13-0	03	
1) <b>RANDL INDUSTRIES, INC.,</b> 3808 NORTH SULLIVAN ROAD, WASHINGTON 99216 U.S.A., NATIO	BUILDING 10 DNALITY: U.S	), SUITE P, S .A.	POKANE VALLEY,	
DATE OF REGISTRATION		05/05/	2014	
TITLE	PLASTER I	RING FOR E BO	LECTRICAL OUTLET X	
PRIORITY				
PRIORITY NUMBER	DATE		COUNTRY	
29/471,962	06/11/20	13	U.S.A.	
DESIGN NUMBER		2605	594	
CLASS		13-0	03	
1)WÖHNER GMBH & CO. KG EI COMPANY EXISTING UNDER TH MÖNCHRÖDENER STR. 10, 8647 DATE OF REGISTRATION	E LAWS OF (	GERMANY,	ł	
TITLE	FUSE	E SWITCH D	ISCONNECTOR	
PRIORITY				
PRIORITY NUMBER I	DATE	COUNTR	Y	
002310946-0002 1	7/09/2013	EUROPE	AN UNION	
DESIGN NUMBER		2609	995	
CLASS		09-0	02	
1)M/S. SARASWATI PLASTO TE INCORPORATED UNDER THE IN LANE-4, PHASE-1, SIDCO INDU JAMMU-181133	DIAN COMPA	<b>NIES ACT,</b> PLEX, BARI	<b>1956),</b> BRAHMANA,	
DATE OF REGISTRATION		14/03/	2014	
TITLE		CANIS	STER	
PRIORITY NA				

DESIGN NUMBER		2612	34	
CLASS		01-0	)1	
1)SOCIÉTÉ DES PRODUITS N UNDER THE LAWS OF THE SW OFFICE AT 1800 VEVEY, SWITZERLAND	VITZERL			
DATE OF REGISTRATION		26/03/	2014	
TITLE		СНОСС	LATE	
PRIORITY	I			200
PRIORITY NUMBER	DATE	COU	NTRY	
140177	26/09/20	13 SWI	TZERLAND	
	1			
DESIGN NUMBER			261652	
CLASS			08-09	
1) <b>DORMA INDIA PRIVATE LI</b> THE COMPANIES ACT, 1956, H NO. 14, PATTULOS ROAD, CH	AVING I	<b>FS REGISTER</b>	ED OFFICE AT	DER
DATE OF REGISTRATION		1	0/04/2014	
TITLE	STR		TAL FITTING FOR G PANELS	LASS
PRIORITY NA				
DESIGN NUMBER			261677	
CLASS			02-07	
1)ALPARGATAS S.A., A CORF THE LAWS OF THE BRAZIL W WHOSE ADDRESS IS AV. DOUTOR CARDOSO DE I BRAZIL, CEP : 04548-005	HO ARE	BRAZILIAN F	SY NATIONALITY A	ND
DATE OF REGISTRATION		1	0/04/2014	
TITLE	DI	ECORATIVE A	RTICLE FOR CLOTH	ING
PRIORITY				× )
PRIORITY NUMBER	I	DATE	COUNTRY	
002378661	2	0/12/2013	OHIM	

DESIGN NUMBER		262323	
CLASS		12-05	
1)TECHNICO INDUSTRIES LIMI THE INDIAN COMPANIES ACT, A 103, PRATAP BHAWAN, NEAR II ZAFAR MARG, NEW DELHI-110002	Γ		
DATE OF REGISTRATION	0:	5/05/2014	a state of the sta
TITLE	SCI	REW JACK	Contract of the second
PRIORITY NA			
DESIGN NUMBER		262643	
CLASS		03-01	
1)MAGPUL INDUSTRIES CORPO 400 YOUNG COURT, UNIT 1, ERI AMERICA, A COLORADO CORPORA	E, COLORADO 80510	6, UNITED STATES OF	
DATE OF REGISTRATION	1:	5/05/2014	6
TITLE	CASE F	OR A TABLET	
PRIORITY			a a a a a a a a a a a a a a a a a a a
PRIORITY NUMBER	DATE	COUNTRY	
29/477,407	20/12/2013	U.S.A.	
DESIGN NUMBER		260699	
CLASS		09-03	-
1)INTERCONTINENTAL GREAT INCORPORATED IN THE STATE ( OF 100 DEFOREST AVENUE, EA STATES OF AMERICA	OF DELAWARE, U.S.	.А.,	
DATE OF REGISTRATION	28	8/02/2014	
TITLE	CO	NTAINER	
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
29/465,596	29/08/2013	U.S.A.	

DESIGN NUMBER		260980	
CLASS		13-03	
1)ABB FRANCE, A COMPANY OI OF 3 AVENUE DU CANADA, IMI COURTABOEUF CEDEX, FRANCE			1 TON
DATE OF REGISTRATION	14	4/03/2014	1. 7.
TITLE	ELECTRI	C CONNECTOR	
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
002 312 603-0010	19/09/2013	OHIM	
DESIGN NUMBER		263097	
CLASS		15-05	1
2551, DHARAMPURA, DARIBA, 1 PROPRIETORSHIP FIRM WHOSE PR NATIONAL, OF THE ABOVE ADDR	OPRIETOR IS VIPUL ESS	GARG, AN INDIAN	
DATE OF REGISTRATION	03	8/06/2014	
TITLE	IRONI	NG MACHINE	
PRIORITY NA			
DESIGN NUMBER		262360	
CLASS		13-03	
1) <b>RANDL INDUSTRIES, INC.,</b> 3808 NORTH SULLIVAN ROAD, WASHINGTON 99216 U.S.A., NATIO		P, SPOKANE VALLEY,	
DATE OF REGISTRATION	05	5/05/2014	
TITLE	PLASTER RING FC	PR ELECTRICAL OUTLET BOX	
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
29/471,962	06/11/2013	U.S.A.	

DESIGN NUMBER		260702	
CLASS		09-03	
1)INTERCONTINENTAL GREAT INCORPORATED IN THE STATE O OF 100 DEFOREST AVENUE, EAS STATES OF AMERICA	<b>F DELAWARE, U.S</b>	.A.,	
DATE OF REGISTRATION	2	8/02/2014	
TITLE	CC	ONTAINER	
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
29/465,596	29/08/2013	U.S.A.	
DESIGN NUMBER		262795	
CLASS		04-02	0
21, NEW MANU BHUVAN, BHAC 400056, MAHARASHTRA, INDIA <b>DATE OF REGISTRATION</b>	2	2/05/2014	AI-
TITLE PRIORITY NA	TOC	OTH BRUSH	
DESIGN NUMBER		259541	
CLASS		02-04	
1)GOUSSON-CONSULTADORIA I LIABILITY COMPANY OF STRADA SETTECAMINI 116, I-63		,	
DATE OF REGISTRATION	2	0/01/2014	
TITLE	HEEL F	OR FOOTWEAR	
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
002281204	25/07/2013	OHIM	

DESIGN NUMBER	2	60996	
CLASS		15-99	International Contractor States of the American States of the Americ
1)THERMAX LIMITED, A CO THE INDIAN COMPANIES AC D 13, MIDC INDUSTRIAL A PUNE-411 019, MAHARASHTR	C <b>T, AT</b> REA, R. D. AGA R		
DATE OF REGISTRATION	14/	03/2014	
TITLE	SLUDGE	SEPARATOR	
PRIORITY NA			F
DESIGN NUMBER		261235	
CLASS		01-01	
1)SOCIÉTÉ DES PRODUITS UNDER THE LAWS OF THE S OFFICE AT 1800 VEVEY, SWITZERLAN	WITZERLAND H		
DATE OF REGISTRATION		26/03/2014	
TITLE		CHOCOLATE	
PRIORITY PRIORITY NUMBER 140177	DATE 26/09/2013	COUNTRY SWITZERLAND	
DESIGN NUMBER		262358	
CLASS		13-03	
1) <b>RANDL INDUSTRIES, INC</b> 3808 NORTH SULLIVAN RC VALLEY, WASHINGTON 99216	AD, BUILDING 10		
DATE OF REGISTRATION		05/05/2014	
TITLE		NG FOR ELECTRICA UTLET BOX	
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
29/471,962	06/11/2013	U.S.A.	

DESIGN NUMBER	260994	
CLASS	19-06	
1)ADD CORPORATION LIMITED BUSINESS PARK, 6TH FLOOR, C MUMBAI-400064, MAHARASHTRA,	HINCHOLI NAKA, S.V. ROAD, MALAD (WEST),	
DATE OF REGISTRATION	14/03/2014	
TITLE	WRITING INSTRUMENT	
PRIORITY NA		
DESIGN NUMBER	260037	
CLASS	12-16	E
1) <b>TATA MOTORS LIMITED, AN 1</b> BOMBAY HOUSE, 24 HOMI MOE 400001, MAHARASHTRA, INDIA.	N <b>DIAN COMPANY OF</b> DY STREET, HUTATMA CHOWK, MUMBAI	
DATE OF REGISTRATION	03/02/2014	
TITLE	STEERING WHEEL OF VEHICLE	
PRIORITY NA		
DESIGN NUMBER	263060	
CLASS	09-03	
THE INDIAN COMPANIES ACT, 19	<b>TED, A COMPANY INCORPORATED UNDER</b> 56, HAVING ITS REGISTERED OFFICE AT H FLOOR, C-70, G BLOCK, BANDRA-KURLA AI-400 051, MAHARASHTRA, INDIA	
DATE OF REGISTRATION	02/06/2014	
TITLE	CONTAINER	
PRIORITY NA		

DESIGN NUMBER		263098	
CLASS		31-00	
1)ADVANCE APPLIANCES (INDI 2551, DHARAMPURA, DARIBA, I PROPRIETORSHIP FIRM WHOSE PR NATIONAL, OF THE ABOVE ADDRI	DELHI-110006, INDL COPRIETOR IS VIPUL		
DATE OF REGISTRATION	(	03/06/2014	
TITLE	ELECT	TRIC BLENDER	
PRIORITY NA			
DESIGN NUMBER		262362	
CLASS		13-03	
1) <b>RANDL INDUSTRIES, INC.,</b> 3808 NORTH SULLIVAN ROAD, WASHINGTON 99216 U.S.A., NATIO	· · · · · · · · · · · · · · · · · · ·	E P, SPOKANE VALLEY,	
DATE OF REGISTRATION	(	05/05/2014	
TITLE	PLASTER RING F	OR ELECTRICAL OUTLET BOX	
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
29/471,962	06/11/2013	U.S.A.	
DESIGN NUMBER		262529	
CLASS		02-04	1
1)NEXGEN FOOTWEAR PVT. LT DELHI-110041, INDIA. (AN INDIAN COMPANY DULY R 1956)	, ,	· · ·	
DATE OF REGISTRATION	1	2/05/2014	490 AN
TITLE	FO	DOTWEAR	
PRIORITY NA			

DESIGN NUMBER		262601	
CLASS		13-03	
1)KGS ENGINEERING LIMITED, NO. 34, 1ST FLOOR, 4TH MAIN R 60020, TAMIL NADU, INDIA			AI-
DATE OF REGISTRATION	1:	5/05/2014	
TITLE	AIR INSUL	ATED BUSDUCTS	
PRIORITY NA			
DESIGN NUMBER		262664	
CLASS		15-05	
1)I-MOP GMBH, OF SCHWANHEIMER STRASSE 141, COMPANY	64625 BENSHEIM, G	ERMANY, A GERMAN	
DATE OF REGISTRATION	10	6/05/2014	
TITLE	FLOOR CLE	EANING MACHINE	
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
002369264-0001	13/12/2013	OHIM	
DESIGN NUMBER		260708	
CLASS		09-03	
1)INTERCONTINENTAL GREAT INCORPORATED IN THE STATE O OF 100 DEFOREST AVENUE, EAS STATES OF AMERICA	OF DELAWARE, U.S.	.A.,	
DATE OF REGISTRATION	28	8/02/2014	
TITLE	CO	NTAINER	
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
29/465,596	29/08/2013	U.S.A.	

DESIGN NUMBER		261165	_
CLASS		12-11	2 7 2 2
1)ATHER ENERGY PVT. LT INCORPORATED UNDER TH REGISTERED OFFICE AT NO. 5, VENKATRATHNAM ADYAR, CHENNAI-600020	E COMPANIES	ACT, 1956, HAVING ITS	
DATE OF REGISTRATION		21/03/2014	
TITLE	M	OTOR CYCLE	
PRIORITY NA			E
DESIGN NUMBER		258151	
CLASS		24-01	
1)CURA HEALTHCARE PVT OF A-32, PHASE-1, MEPZ SI			
DATE OF REGISTRATION		14/11/2013	
TITLE	M	OBILE X-RAY MACHINE	
PRIORITY NA			
DESIGN NUMBER		255679	
CLASS		14-03	
1)SAMSUNG ELECTRONICS 129, SAMSUNG-RO, YEONG REPUBLIC OF KOREA, A COM	GTONG-GU, SUV		43-742,
DATE OF REGISTRATION		06/08/2013	
TITLE		MOBILE PHONE	
PRIORITY PRIORITY NUMBER 30-2013-0009482	DATE 23/02/2013	COUNTRY REPUBLIC OF KOREA	

DESIGN NUMBER	262361		
CLASS		13-03	
1)RANDL INDUSTRIES, INC., 3808 NORTH SULLIVAN ROAD, WASHINGTON 99216 U.S.A., NATIO		P, SPOKANE VALLEY,	
DATE OF REGISTRATION	05	5/05/2014	
TITLE	PLASTER RING FO	OR ELECTRICAL OUTLET BOX	
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
29/471,962	06/11/2013	U.S.A.	
DESIGN NUMBER		262600	
CLASS		08-01	"
1)NEOZ ENERGY PVT. LTD., A C INDIAN COMPANIES ACT, 1956, H C-219, B.S. ROAD INDUSTRIAL A			
DATE OF REGISTRATION	15/05/2014		
TITLE	CENTRALIZI	ER FOR WELLBORE	
PRIORITY NA			
DESIGN NUMBER		260703	
CLASS		09-03	
1)INTERCONTINENTAL GREAT INCORPORATED IN THE STATE O OF 100 DEFOREST AVENUE, EAS STATES OF AMERICA	)F DELAWARE, U.S.	А.,	
DATE OF REGISTRATION	28	3/02/2014	
TITLE	CONTAINER		
PRIORITY			
PRIORITY NUMBER	DATE COUNTRY		~~
29/465,596	29/08/2013 U.S.A.		

DESIGN NUMBER	262797	
CLASS	07-03	
	<b>EXAMPLE 15 A PROPRIETORSHIP FIRM OF</b> GAT SINGH ROAD, VILE PARLE (W) MUMBAI-	W
DATE OF REGISTRATION	22/05/2014	
TITLE	MIXING SPOON	
PRIORITY NA		
DESIGN NUMBER	262882	
CLASS	08-06	
PRESER DAI CAST (INDIAN PART BUSINESS AT-	PARTNERS OF SHREE HARIKRISHN NERSHIP FIRM) HAVING PLACE OF SOCIETY, SHERI NO. 3, NR. MURLIDHAR I-(INDIA)	
DATE OF REGISTRATION	26/05/2014	
TITLE	HANDLE	
PRIORITY NA		
DESIGN NUMBER	256815	
CLASS	12-16	
UNDER THE COMPANIES ACT, H	<b>AN INDIAN COMPANY INCORPORATED AVING ITS OFFICE AT</b> ANT LOK, VASANT VIHAR, NEW DELHI-110	AL.
DATE OF REGISTRATION	26/09/2013	
TITLE	FAIRING FOR A TWO WHEELED VEHICLE	
PRIORITY NA		

DESIGN NUMBER		2612	236	
CLASS		01-	01	
1)SOCIÉTÉ DES PRODUITS NES UNDER THE LAWS OF THE SWII OFFICE AT 1800 VEVEY, SWITZERLAND				
DATE OF REGISTRATION		26/03/	2014	
TITLE		CHOCO	DLATE	
PRIORITY		<u>.</u>		
PRIORITY NUMBER	DATE	COU	NTRY	
140177	26/09/2013	SWIT	ZERLAND	
DESIGN NUMBER		258	46	
CLASS		13-	03	and the second
1)ABB OY, A COMPANY OF FIN STRÖMBERGINTIE 1, FI-00380 F		.ND		The second secon
DATE OF REGISTRATION	13/11/2013			
TITLE	DIRECT CURRENT SWITCH WITH CONNECTION BAR			
PRIORITY				1.93
PRIORITY NUMBER	DATE		COUNTRY	0
002237636	15/05/2013		OHIM	0
DESIGN NUMBER		2610	593	
CLASS		07-	02	
1)NAR NARAYAN METAL WARES, HAVING THE PRINCIPLE OFFICE AT NO. 118/119-GIDC, OPP. SAINATH ESTATE, B/H. BHAGAWATI FILTERS, AMBICA NAGAR, ODHAV, AHMEDABAD, GUJARAT-382415, INDIA A PARTNERSHIP CONCERN HAVING THE PARTNERS -1) MAGANBHAI RAVJIBHAI VATLIYA AND 2) ANBALAGAN ALAGAPPAN RESIDING AT A-43, JYOTI JAGRUTI SOCIETY, BEFORE SHRADHA FLAT, NEW INDIA COLONY, BAPU NAGAR, AHMEDABAD-382350, GUJARAT, INDIA				
DATE OF REGISTRATION	11/04/2014			
TITLE		CONTA	AINER	
PRIORITY NA				1

DESIGN NUMBER		260833	
CLASS		09-01	$\frown$
1)THE PROCTER & GAMBLE CO INCORPORATED UNDER THE LAV HAVING ITS REGISTERED OFFICI ONE PROCTER & GAMBLE PLAZ STATES OF AMERICA	VS OF UNITED STA E AT	TES OF AMERICA,	
DATE OF REGISTRATION	0'	7/03/2014	
TITLE		BOTTLE	- MARINE
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
761416401	12/09/2013	WIPO	
		1	$\sim$
DESIGN NUMBER		262806	
CLASS		07-01	
1) <b>PEPSICO, INC., INCORPORATE</b> 700 ANDERSON HILL ROAD, PUP OF AMERICA			
DATE OF REGISTRATION	22/05/2014		$\bigcirc$
TITLE	CUP		
PRIORITY PRIORITY NUMBER 29/473,519	DATE 22/11/2013	COUNTRY U.S.A.	
DESIGN NUMBER	261363		
CLASS		26-05	
1)CROMPTON GREAVES LIMITE CG HOUSE, 6TH FLOOR, DR. AND 030, MAHARASHTRA, INDIA; AN IN	NIE BESANT ROAD,	WORLI, MUMBAI – 400	
DATE OF REGISTRATION	28	8/03/2014	
TITLE	END CAP	OF A LUMINAIRE	pt-
PRIORITY NA			

DESIGN NUMBER	262162	
CLASS	02-04	
1)1) SHRIYANS BHANDARI, 2) R. 1426, FLORA COMPLEX, BHUVA BOTH INDIAN NATIONALS	AMESH DHAMI, ANA, UDAIPUR-313001, RAJASTHAN, INDIA,	
DATE OF REGISTRATION	30/04/2014	
TITLE	SLIPPERS	
PRIORITY NA		
DESIGN NUMBER	263338	
CLASS	07-02	
	ING ITS PRINCIPAL PLACE OF BUSINESS AT S, 135 BRIGADE ROAD, BANGALORE-560025, 13/06/2014	-
TITLE	PRESSURE COOKER	
PRIORITY NA		
DESIGN NUMBER	264349	
CLASS	12-15	A
1) <b>SPEEDWAYS TYRE LIMITED,</b> SUCHI PIND, BYE PASS, G.T. RC NATIONAL	AD, JALANDHAR (PB.) INDIA, AN INDIAN	Δ
DATE OF REGISTRATION	30/07/2014	
TITLE	TYRE	
PRIORITY NA		V

DESIGN NUMBER		258276	
CLASS		11-01	
1)FOLLI-FOLLIE COMMERCIAL SOCIETE ANONYME, 23RD KM. ATHENS-LAMIA HIGH NATIONALITY-GREECE			
DATE OF REGISTRATION	2	1/11/2013	
TITLE	Р	ENDANT	
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
002293431	19/08/2013	OHIM	
DESIGN NUMBER		259610	
CLASS		12-16	
D1 BLOCK, PLOT NO. 18/2 (PART MAHARASHTRA, INDIA. DATE OF REGISTRATION TITLE PRIORITY NA	2 GRAB RAIL F	3/01/2014 FOR HANDLEBAR OF TORCYCLE	
DESIGN NUMBER		261051	
CLASS		08-07	
1)GODREJ & BOYCE MFG. CO. L LOCKS DIVISION (PLANT-18), P 079, MAHARASHTRA, INDIA, INDIA	ROJSHANAGAR, VI	KHROLI, MUMBAI – 40	
DATE OF REGISTRATION	1	8/03/2014	Y
TITLE		KEY	
PRIORITY NA			

DESIGN NUMBER	261365		
CLASS	26-05	States and the second second	
1)CROMPTON GREAVES LIMIT CG HOUSE, 6TH FLOOR, DR. AN 030, MAHARASHTRA, INDIA; AN IN	NIE BESANT ROAD, WORLI, MUMBAI – 400		
DATE OF REGISTRATION	28/03/2014		
TITLE	END CAP OF A BALLAST		
PRIORITY NA			
DESIGN NUMBER	259973		
CLASS	12-16		
1) <b>TATA MOTORS LIMITED, AN</b> BOMBAY HOUSE, 24 HOMI MOI 001, MAHARASHTRA, INDIA	INDIAN COMPANY OF DY STREET, HUTATMA CHOWK, MUMBAI 400		
DATE OF REGISTRATION	31/01/2014		
TITLE	HUMAN MACHINE INTERFACE (HMI) INFOTAINMENT DEMONSTRATOR POD	o o	
PRIORITY NA			
DESIGN NUMBER	261754		
CLASS	LASS 09-01		
1)CHRISTIAN LOUBOUTIN, A FR OF 1 RUE VOLNEY, 75002 PARIS			
ATE OF REGISTRATION 15/04/2014			
TITLE			
PRIORITY NA			

DESIGN NUMBER		262673	
CLASS	12-05		
1) <b>SINTOKOGIO, LTD.,</b> 11-11, NISHIKI 1-CHOME, NAKA JAPANESE CORPORATION	-KU, NAGOYA-SHI, .	AICHI 4600003, JAPAN, A	
DATE OF REGISTRATION	1	6/05/2014	
TITLE	PNEUMA	ATIC CONVEYOR	
PRIORITY PRIORITY NUMBER 2014-000308	DATE 10/01/2014	COUNTRY JAPAN	
DESIGN NUMBER		259159	
CLASS 1)JNS INSTRUMENTS LIMITED,		10-04	
MANESAR, GURGAON, RAHUL KU MANESAR, GURGAON, GAURAV S IMT MANESAR, GURGAON AND ARUN KUMAR SHARMA, INDIA GURGAON DATE OF REGISTRATION	SARASWAT, INDIANN, PLOT NO4, SEC	N, PLOT NO4, SECTOR	
TITLE	NEEDLE FOR SPEEDOMETER OF TWO- WHEELERS		
PRIORITY NA			
DESIGN NUMBER		264350	
CLASS		12-15	
1) <b>SPEEDWAYS TYRE LIMITED,</b> SUCHI PIND, BYE PASS, G.T. RO NATIONAL	AD, JALANDHAR (P	B.) INDIA, AN INDIAN	
DATE OF REGISTRATION	30/07/2014		
TITLE	TYRE		
PRIORITY NA			H

DESIGN NUMBER		258277	
CLASS		11-01	
1)FOLLI-FOLLIE COMMERCIAI SOCIETE ANONYME, 23RD KM. ATHENS-LAMIA HIGI NATIONALITY-GREECE			
DATE OF REGISTRATION	2	1/11/2013	
TITLE	P	ENDANT	
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
002293431	19/08/2013	OHIM	
DESIGN NUMBER		261194	
CLASS		25-02	
1)HITECH ALUM (I) FABRICATO WZ-69/C, TODAPUR, MAIN TOD INDIAN COMPANY DATE OF REGISTRATION	APUR ROAD, NEW D		
TITLE	INSERT FOF	R USE IN BUILDING STRUCTION	
PRIORITY NA			
DESIGN NUMBER		259974	
CLASS		12-16	
1) <b>TATA MOTORS LIMITED, AN</b> BOMBAY HOUSE, 24 HOMI MOI 001, MAHARASHTRA, INDIA			
DATE OF REGISTRATION	3	1/01/2014	
TITLE		INE INTERFACE (HMI) DEMONSTRATOR POD	AS h
PRIORITY NA			

DESIGN NUMBER		262168	
CLASS		08-09	
1)ALOK DAMLE, INDIAN NATIO G8/303 GANGADHAM PHASE 2, INDIA		411037, MAHARASHTRA,	
DATE OF REGISTRATION	3	0/04/2014	
TITLE	ED	GE GUARD	
PRIORITY NA			•
DESIGN NUMBER		262278	
CLASS		09-03	
1)UNILEVER PLC, A COMPANY UNDER COMPANY NO. 41424 OF UNILEVER HOUSE, 100 VICTOF UNITED KINGDOM			
DATE OF REGISTRATION	0	1/05/2014	
TITLE	(	CARTON	
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
002340430	07/11/2013	OHIM	
DESIGN NUMBER		262363	
CLASS		13-03	
1) <b>RANDL INDUSTRIES, INC.,</b> 3808 NORTH SULLIVAN ROAD, WASHINGTON 99216 U.S.A., NATIO		E P, SPOKANE VALLEY,	
DATE OF REGISTRATION	0	5/05/2014	
TITLE	PLASTER RING FOR ELECTRICAL OUTLET BOX		
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
29/471,963	06/11/2013	U.S.A.	

DESIGN NUMBER		262530	
CLASS		28-03	
1)THE GILLETTE COMPANY, A LAWS OF UNITED STATES OF AN IP/LEGAL PATENT DEPARTME MASSACHUSETTS 02127, UNITED			
DATE OF REGISTRATION	12	2/05/2014	
TITLE	RAZOR	R CARTRIDGE	
PRIORITY		T	
PRIORITY NUMBER	DATE	COUNTRY	
29/472581	13/11/2013	U.S.A.	
DESIGN NUMBER		260713	
CLASS		09-03	
OF 100 DEFOREST AVENUE, EA STATES OF AMERICA DATE OF REGISTRATION			
TITLE	СО	NTAINER	
PRIORITY	1		
PRIORITY NUMBER	DATE	COUNTRY	
29/465,596	29/08/2013	U.S.A.	
DESIGN NUMBER		262750	
CLASS		21-01	
1) <b>M/S RAJA INDUSTRIES (PART PURI, ALIGARH (U.P.) INDIA,</b> THROUGH ITS PARTNERS GIRF NATIONALITY INDIAN OF ABOVE	RAJ KISHORE RATHI		
DATE OF REGISTRATION	21	/05/2014	
TITLE	ТО	Y PISTOL	
PRIORITY NA			

DESIGN NUMBER			262892		
CLASS			08-06		
1)VITTORIA DESIGNS PVT. THE COMPANIES ACT, 1956) AT ADDRESS: 2, MANINAGAR, NEAR ASH INDIA	HAVING ITS PRI	INCIPAI	L PLACE OF B	USINES	SS SS
DATE OF REGISTRATION		2	5/05/2014		
TITLE		ŀ	IANDLE		
PRIORITY NA					<b>P</b>
DESIGN NUMBER	2	59593			· ·
CLASS	(	06-04			
1) <b>PAUL HETTICH GMBH &amp;</b> OF VAHRENKAMPSTRAST GERMANY	RASSE 12-16, 322		HLENGERN,	_	
DATE OF REGISTRATION		23/01/2014 +		÷.,	
TITLE	FURNI	FURNITURE RACK			×
PRIORITY PRIORITY NUMBER 002282160-0006	DATE 26/07/2013	COU OHI	JNTRY M	×	
DESIGN NUMBER		2506	47		
CLASS		12-08			
1)MAN TRUCK & BUS AG, A DACHAUER STR. 667, 80993			F		
DATE OF REGISTRATION	03/01/2013				
TITLE	DRIVERS CA	AB OF A	UTILITY VEHI	CLE	The search I
PRIORITY			1		A DAY
PRIORITY NUMBER	DATE		COUNTRY		
001335236	04/07/2012		OHIM		

DESIGN NUMBER	2	262339	
CLASS	09-01		-
1)MUTUM RANJIT SINGH, AN IN BUSINESS AT YALLU APARTMENT, P-SECTOP NATIONALITY INDIAN	IDIAN HAVING ITS P	PRINCIPAL PLACE OF	
DATE OF REGISTRATION	05/	/05/2014	
TITLE	BOTTL	E WITH CAP	
PRIORITY NA			
DESIGN NUMBER	2	262365	
CLASS		23-01	
1)M/S. ROTEX AUTOMATION LI UNDER THE COMPANIES ACT 199 ADDRESS AT ROTEX AUTOMATIO 987/11 GIDC, MAKARPURA, VAI DATE OF REGISTRATION TITLE PRIORITY NA	56 IN INDIA AND HAY ON LIMITED DODARA-390010, GUJ. 06, SOLEN	VING ITS REGISTERED ARAT, INDIA /05/2014 OID VALVE	
DESIGN NUMBER	2	255191	
CLASS		27-99	
1)ALTRIA CLIENT SERVICES IN LAWS OF THE STATE OF NEW YO OF 6601 WEST BROAD STREET,	$\langle \rangle$		
DATE OF REGISTRATION	11/	/07/2013	
TITLE	ELECTRONIC SMOKING ARTICLE		
PRIORITY	1		
PRIORITY NUMBER	DATE COUNTRY		
29/443,134	14/01/2013 U.S.A.		

DESIGN NUMBER		260716	
CLASS		09-03	
1)INTERCONTINENTAL GREAT INCORPORATED IN THE STATE O OF 100 DEFOREST AVENUE, EAS STATES OF AMERICA			
DATE OF REGISTRATION	23	8/02/2014	
TITLE	CC	NTAINER	
PRIORITY		r	
PRIORITY NUMBER	DATE	COUNTRY	
29/465,596	29/08/2013	U.S.A.	
DESIGN NUMBER		260831	
CLASS		09-01	
HAVING ITS REGISTERED OFFICI ONE PROCTER & GAMBLE PLAZ STATES OF AMERICA DATE OF REGISTRATION			
TITLE	-	7/03/2014 BOTTLE	
PRIORITY		SOTTEE	
PRIORITY NUMBER	DATE	COUNTRY	
761416401	12/09/2013	WIPO	
DESIGN NUMBER		261361	
CLASS		26-05	
1)CROMPTON GREAVES LIMITE CG HOUSE, 6TH FLOOR, DR. ANI 030, MAHARASHTRA, INDIA; AN IN	NIE BESANT ROAD,	WORLI, MUMBAI – 400	
DATE OF REGISTRATION	2	8/03/2014	
TITLE	END CAP	OF A BALLAST	
PRIORITY NA			

DESIGN NUMBER			260118	
CLASS			09-01	
1)ROBINSONS SOFT DRINKS I THE UK, OF BREAKSPEAR PARK, BREA HERTFORDSHIRE, HP2 4TZ, UK		, ,		R
DATE OF REGISTRATION		05	5/02/2014	
TITLE		Ε	BOTTLE	
PRIORITY	1		1	
PRIORITY NUMBER	D.	ATE	COUNTRY	
002288936	08	8/08/2013	OHIM	
DESIGN NUMBER			250653	
CLASS			21-01	
1)MAN TRUCK & BUS AG, A G DACHAUER STR. 667, 80995 M			F	RE PATE
DATE OF REGISTRATION		03	3/01/2013	8 / 848
TITLE	DRIV	ER'S CAB OF A	A TOY UTILITY VEHICL	E
PRIORITY				
PRIORITY NUMBER	D.	ATE	COUNTRY	BETTER
001335236	04	/07/2012	OHIM	
DESIGN NUMBER			261510	
CLASS			11-01	
1)M/S. SUNJEWELS INTERNAT INCORPORATED UNDER THE C ITS REGISTERED ADDRESS AT 116 SDF-IV, SEEPZ, SEZ, ANDI INDIA	All in the second secon			
DATE OF REGISTRATION		03	3/04/2014	
TITLE		BF	RACELET	
PRIORITY NA				

DESIGN NUMBER		257738	
CLASS		07-04	
1)M/S. PLASTOMETAL ENGI COMPANY INCORPORATED U ADDRESS AT 336, STREET NO. 6, BATLA H AND AN INDIAN	UNDER INDIAN COM	IPANY ACT, 1956	
DATE OF REGISTRATION	2	5/10/2013	
TITLE	ROLLING BOARI	D FOR PREPARATION FOOD	OF
PRIORITY NA			
DESIGN NUMBER		262675	
CLASS		15-02	
1) <b>DOSATRON INTERNATIO</b> RUE PASCAL F-33370 TRESS INCORPORATED UNDER THE I	SES, BORDEAUX FRA	NCE A FRENCH COM	PANY
DATE OF REGISTRATION		16/05/2014	
TITLE	НО	USING FOR PUMP	41110
PRIORITY PRIORITY NUMBER 002348839-0002	DATE 20/11/2013	COUNTRY OHIM	
DESIGN NUMBER	258	3355	
CLASS	10	-05	
1)TYCO FIRE & SECURITY ( AND EXISTING UNDER THE L OF VICTOR VON BRUNS-ST RHEINFALL, SWITZERLAND	AW OF SWITZERLA	ND,	$\square$
DATE OF REGISTRATION	25/11	1/2013	
TITLE	SECUR	ITY TAG	
PRIORITY			off ( )
PRIORITY NUMBER	DATE	COUNTRY	
29/455679	23/05/2013	U.S.A.	IFEN D

DESIGN NUMBER		260761	
CLASS		09-01	
1)INNOVATIVE TECH PACK LIN THE LAWS OF INDIA, HAVING PR INNOVATIVE TECH PACK LIMI PLACE NEW DELHI-110019 (INDIA)	RINCIPAL PLACE O FED, 1109, CHIRANJ	F BUSINESS AT	
DATE OF REGISTRATION	0	3/03/2014	
TITLE		JAR	
PRIORITY NA			There
DESIGN NUMBER		259012	
CLASS		13-03	
1)LARSEN & TOUBRO LIMITED, UNDER THE COMPANIES ACT, 19 L & T HOUSE, BALLARD ESTAT MAHARASHTRA, INDIA DATE OF REGISTRATION TITLE PRIORITY NA	<b>56 OF</b> E, MUMBAI 400001, 2		
DESIGN NUMBER		261056	
CLASS		12-15	· A B B B B B
1)COMPAGNIE GENERALE DES COMPANY OF 12 COURS SABLON AND MICHELIN RECHERCHE ET ROUTE LOUIS BRAILLE 10, CH-	, FR-63000, CLERM TECHNIQUE S.A., A	ONT-FERRAND, FRANC A SWISS COMPANY OF	
DATE OF REGISTRATION	19/03/2014		
TITLE	TIRE TREAD		
PRIORITY			
PRIORITY NUMBER	DATE COUNTRY		THE STREET
29/470,370	21/10/2013	U.S.A.	

DESIGN NUMBER		261641	
CLASS		08-09	
1)DORMA INDIA PRIVATE LIMI THE COMPANIES ACT, 1956, HAV NO. 14, PATTULOS ROAD, CHEN	ING ITS REGISTER	ED OFFICE AT	
DATE OF REGISTRATION	1	0/04/2014	
TITLE		TAL FITTING FOR GLASS PANELS	
PRIORITY NA			•
DESIGN NUMBER		258275	
CLASS		11-01	
SOCIETE ANONYME, 23RD KM. ATHENS-LAMIA HIGI NATIONALITY-GREECE DATE OF REGISTRATION		65, GREECE,	- CAR
TITLE	Р	ENDANT	( K)
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
002293431	19/08/2013	OHIM	
DESIGN NUMBER		260743	
CLASS		13-03	
1)M/S GM MODULAR PVT. LTD. INDIAN COMPANIES ACT), 14/15, BOKADIA IND. ESTATE, S DISTRICT-THANE, MAHARASHTRA	ATIVALI ROAD, VA		
DATE OF REGISTRATION	0	3/03/2014	
TITLE		SWITCH	
PRIORITY NA	·		

DESIGN NUMBER	258920	
CLASS	02-04	A
	<b>RED PROPRIETORSHIP CONCERN,</b> DAD, KAROL BAGH, NEW DELHI-110005	
DATE OF REGISTRATION	23/12/2013	A STATE AND A STAT
TITLE	FOOTWEAR	
PRIORITY NA		
DESIGN NUMBER	261050	
CLASS	08-07	
1)GODREJ & BOYCE MFG. CO. 1 LOCKS DIVISION (PLANT-18), P 400079, MAHARASHTRA, INDIA, IN	IROJSHANAGAR, VIKHROLI, MUMBAI -	
DATE OF REGISTRATION	18/03/2014	( galege
TITLE	PADLOCK	INAVETAL
PRIORITY NA		SR-
DESIGN NUMBER	261364	
CLASS	26-05	
1) <b>CROMPTON GREAVES LIMIT</b> CG HOUSE, 6TH FLOOR, DR. AN 030, MAHARASHTRA, INDIA; AN IY	NIE BESANT ROAD, WORLI, MUMBAI – 400	
DATE OF REGISTRATION	28/03/2014	
TITLE	END CAP OF A LUMINAIRE	
PRIORITY NA		

DESIGN NUMBER	261461		
CLASS	25-02		
1, R. N. MUKHERJEE RC	ION PRIVATE LIMITED, OF AD, SUITE NO. 52, 5TH FLOOR, MA 001, AN INDIAN PRIVATE LIMITED		
DATE OF REGISTRATION	02/04/2014	4	
TITLE	COMPOSITE PANEL FOR B	UILDING FA ADE	
PRIORITY NA			
DESIGN NUMBER	262164		
CLASS	12-16		and the state of the second state of the
1) <b>DEERE &amp; COMPANY,</b> ONE JOHN DEERE PLAC USA	<b>A US CORPORATION OF</b> CE, MOLINE, ILLINOIS, 61265-8098		9 9
DATE OF REGISTRATION	30/04/2014	1.000	Sen Stream I I
TITLE	COUNTERWEIGHT FOR A VEHICL	E	Contraction of the second s
PRIORITY NA			
DESIGN NUMBER	263339		
CLASS	07-02		
INCORPORATED UNDER PRINCIPAL PLACE OF BU 11TH FLOOR, BRIGADE 560025, STATE OF KARNAT	TOWERS, 135 BRIGADE ROAD, BA 'AKA, INDIA	1.2	
DATE OF REGISTRATION			
TITLE	PRESSURE COOKER	R	
PRIORITY NA			

DESIGN NUMBER		262387	
CLASS		24-02	_
1)MERCK SHARP & DOHME B. WAARDERWEG 39, 2031 BN HA		ERLANDS	
DATE OF REGISTRATION	0	6/05/2014	- St
TITLE	VAGINAL I	RING APPLICATOR	
PRIORITY			- A
PRIORITY NUMBER	DATE	COUNTRY	
29/472128	08/11/2013	U.S.A.	
DESIGN NUMBER		262674	
CLASS		15-02	_
1)DOSATRON INTERNATIONAL RUE PASCAL F-33370 TRESSES INCORPORATED UNDER THE LAV	, BORDEAUX FRANC	E A FRENCH COMPANY	
DATE OF REGISTRATION	1	6/05/2014	
TITLE	HOUSI	NG FOR PUMP	
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
002348839-0001	20/11/2013	OHIM	
DESIGN NUMBER		258278	
CLASS		11-01	
1)FOLLI-FOLLIE COMMERCIA SOCIETE ANONYME, 23RD KM. ATHENS-LAMIA HIG NATIONALITY-GREECE			
DATE OF REGISTRATION	2	1/11/2013	N D D
TITLE	Р	ENDANT	
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
002293431	19/08/2013	OHIM	

DESIGN NUMBER		260760	
CLASS		15-03	
1)SATAKE CORPORATION, A J 7-2, SOTOKANDA 4-CHOME, C			A CONTRACTOR
DATE OF REGISTRATION	03	3/03/2014	i Jen
TITLE	OPTICAL	GRAIN SORTER	
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	1 200
2013-020503	05/09/2013	JAPAN	
DESIGN NUMBER		262856	
CLASS		12-16	
1) <b>DEERE &amp; COMPANY, A US C</b> ONE JOHN DEERE PLACE, MO		-8098 USA	
DATE OF REGISTRATION	23	3/05/2014	
TITLE	CONTROLS SUP	PORT FOR A VEHICLE	
PRIORITY NA			F
DESIGN NUMBER		261640	
CLASS		08-09	
1)DORMA INDIA PRIVATE LIM THE COMPANIES ACT, 1956, HA NO. 14, PATTULOS ROAD, CHE	VING ITS REGISTERI	ED OFFICE AT	
DATE OF REGISTRATION	10	0/04/2014	
TITLE		TAL FITTING FOR GLASS PANELS	
PRIORITY NA			

DESIGN NUMBER		262	2169	
CLASS		08	-09	
1) <b>ALOK DAMLE, INDIAN NATIO</b> G8/303 GANGADHAM PHASE 2, INDIA			037, MAHARASHTRA,	
DATE OF REGISTRATION		30/04	/2014	
TITLE		CORNER	R GUARD	
PRIORITY NA				
DESIGN NUMBER		259	0758	
CLASS		09	-01	
MERCHANTS, WHOSE ADDRESS	I, INDIAN, MANUFACTURERS AND IS RTI NAGAR, NEW DELHI-110 015, INDIA 28/01/2014 BOTTLE			
DESIGN NUMBER		260	0674	
CLASS		15	-07	
1)PANASONIC CORPORATION, EXISTING UNDER THE LAWS OF OF 1006, OAZA KADOMA, KADO	JAP	AN,		
DATE OF REGISTRATION	28/02/2014			
TITLE	REFRIGERATOR			
PRIORITY				
PRIORITY NUMBER	DATE COUNTRY			
1302002904		14/10/2013	THAILAND	

DESIGN NUMBER		262775	
CLASS		31-00	
1) <b>PRADEEPKUMAR NANDL</b> GANGAPURWALA, 2275 ADAT BAZAR, AHMEL			
DATE OF REGISTRATION		21/05/2014	
TITLE	BAS	E OF MIXER GRINDER	
PRIORITY NA			
DESIGN NUMBER		263092	
CLASS		15-05	
2551, DHARAMPURA, DARI PROPRIETORSHIP FIRM WHOS NATIONAL, OF THE ABOVE AI DATE OF REGISTRATION TITLE PRIORITY NA DESIGN NUMBER	SE PROPRIETOR IS V DDRESS 01 IRONII		S Contraction of the second se
CLASS	+	12-08	-
1)MAN TRUCK & BUS AG, A DACHAUER STR. 667, 80995		NY OF	
DATE OF REGISTRATION	0.2	3/01/2013	6 Ista
TITLE	DRIVERS CAB C	OF A UTILITY VEHICLE	
PRIORITY PRIORITY NUMBER 001335236	DATE 04/07/2012	COUNTRY OHIM	

DESIGN NUMBER		261559	
CLASS		14-01	
1)BOSE CORPORATION, A COP OF THE MOUNTAIN, MS3B1 FRAM UNITED STATES OF AMERICA			
DATE OF REGISTRATION	0	7/04/2014	
TITLE	AUI	DIO SYSTEM	
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
29469208	08/10/2013	U.S.A.	
DESIGN NUMBER		259268	
CLASS		08-06	
1)KUSHAL KARYASHALA PRIV INCORPORATED UNDER THE IN 1, RAJ NAGAR ENCLAVE, PITA DATE OF REGISTRATION	<b>DIAN COMPANIES</b> A M PURA, DELHI-1100	ACT 1956),	
TITLE	HOOK FOR	HANGING DEVICE	/
PRIORITY NA			(
DESIGN NUMBER		260672	
CLASS			
CLADD		24-02	6
1)LAERDAL MEDICAL AS, OF TANKE SVILANDS GATE 3(	), 4007 STAVANGER, 7		
1)LAERDAL MEDICAL AS,	, ,		
1) <b>LAERDAL MEDICAL AS,</b> OF TANKE SVILANDS GATE 30	2	NORWAY	
1)LAERDAL MEDICAL AS, OF TANKE SVILANDS GATE 30 DATE OF REGISTRATION	2	NORWAY 8/02/2014	
1)LAERDAL MEDICAL AS, OF TANKE SVILANDS GATE 3( DATE OF REGISTRATION TITLE	2	NORWAY 8/02/2014	

DESIGN NUMBER		259454	
CLASS		14-02	
1)HONEYWELL INTERNATIONA EXISTING UNDER THE LAWS OF 101 COLUMBIA ROAD, P.O. BOX USA			
DATE OF REGISTRATION	1	7/01/2014	
TITLE	BARCO	DDE SCANNER	The
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
201330340125.5	19/07/2013	CHINA	
DESIGN NUMBER		250607	
CLASS		12-08	
1)MAN TRUCK & BUS AG, A GER DACHAUER STR. 667, 80995 MÜ		)F	8
DATE OF REGISTRATION	0	3/01/2013	J/. //ONE
TITLE	DRIVERS CAB (	OF A UTILITY VEHICLE	Y
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
001335236	04/07/2012 OHIM		
DESIGN NUMBER		261558	
CLASS		14-01	
1)BOSE CORPORATION, A CORP OF THE MOUNTAIN, MS3B1 FRAMI UNITED STATES OF AMERICA			
DATE OF REGISTRATION	0	7/04/2014	
TITLE	AUE	DIO SYSTEM	
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
29469208	08/10/2013	U.S.A.	

DESIGN NUMBER	2	61644	
CLASS	08-09		
1)DORMA INDIA PRIVATE LIMI THE COMPANIES ACT, 1956, HAV NO. 14, PATTULOS ROAD, CHEN	ING ITS REGISTERE	D OFFICE AT	
DATE OF REGISTRATION	10/	/04/2014	
TITLE		AL FITTING FOR GLASS ANELS	
PRIORITY NA			
DESIGN NUMBER	2	61942	
CLASS		10-04	
1)CADENCE ELECTRONIC SYST PLOT NO 4, LUXMI NAGAR, OP INDIA		A CITY, HARYANA,	
DATE OF REGISTRATION	23/	/04/2014	
TITLE	DIGITAL M	DISTURE METER	
PRIORITY NA			
DESIGN NUMBER	2	62085	
CLASS		26-03	~
1)ENEL SOLE S.R.L., AN ITALIA VIALE TOR DI QUINTO 45-47- 0			
DATE OF REGISTRATION	28/	/04/2014	
TITLE	PUBLIC LIG	HTING FIXTURE	
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
772026501	04/11/2013	WIPO	

DESIGN NUMBER	256092	
CLASS	09-01	
1)MR. T. RENGARAJ, M/S: STATE EXPRESS TRANSPO PALLAVAN SALAI, CHENNAI 60000	RT CORPORATION TAMILNADU, LTD, NO:2, 2, TAMILNADU, INDIA, INDIAN	
DATE OF REGISTRATION	28/08/2013	
TITLE	BOTTLE	A CONTRACTOR OF THE OWNER OWNER OF THE OWNER OWNE
PRIORITY NA		
DESIGN NUMBER	263234	
CLASS	12-15	
1) <b>M/S. JK TYRE &amp; INDUSTRIES I</b> 7, COUNCIL HOUSE STREET, KO COMPANY.	<b>IMITED, OF</b> LKATA-700001, INDIA, AN INDIAN	
DATE OF REGISTRATION	10/06/2014	
TITLE	TYRE	
PRIORITY NA		
DESIGN NUMBER	262626	
CLASS	12-15	
1) <b>TVS SRICHAKRA LIMITED, AN</b> 7B, WEST VELI STREET, MADUR	N <b>INDIAN COMPANY,</b> RAI 625001, TAMIL NADU, INDIA	2 3
DATE OF REGISTRATION	15/05/2014	
TITLE	TYRE	
PRIORITY NA		

DESIGN NUMBER		260767	
CLASS		12-11	
1)SOLANKI VIJAYKUMAR HAR BUSINESS=DESIGNER, ADDRESS= NR. OLD EMPLOYMENT OFFICI DISTRICT-BANASKANTHA, GUJAR	= E, BECHARPURA, PAI	LANPUR-385001,	
DATE OF REGISTRATION	04	/03/2014	
TITLE	TWO WHEE	LER AMBULANCE	
PRIORITY NA			
DESIGN NUMBER		260857	
CLASS		13-03	
1)ABB FRANCE, A COMPANY OL OF 3 AVENUE DU CANADA, IMI COURTABOEUF CEDEX, FRANCE	RGANIZED UNDER 7 MEUBLE ATHOS, LES	F <b>HE LAWS OF FRANC</b> 5 ULIS, 91978	
DATE OF REGISTRATION	10	0/03/2014	
TITLE	TERM	INAL BLOCK	7.
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
002 373 340-0002	19/12/2013	OHIM	
DESIGN NUMBER		261146	
CLASS		10-02	
1) <b>TURLEN HOLDING SA, A SWI</b> S C/O SIPO S.A., CHEMIN DU CHÂ		hi Ères, switzerla	ND
DATE OF REGISTRATION	20	0/03/2014	
TITLE	V	WATCH	
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
779121601	05/12/2013	WIPO	

DESIGN NUMBER	257348	
CLASS	08-09	
1)SHIVA STEEL INDUSTRIES, OF C-12, SITE C, SURAJPUR INDUST		
DATE OF REGISTRATION	09/10/2013	-
TITLE	WINDOW SHUTTER	
PRIORITY NA		7
DESIGN NUMBER	263217	
CLASS	15-99	-
SUTRAIA, ALL INDIAN NATIONAL INDIAN PARTNERSHIP FIRM HAV PLOT NO. 294-GROUND FLOOR,		
DATE OF REGISTRATION	10/06/2014	
TITLE	DIAMOND PROCESSING MACHINE	
PRIORITY NA		-
DESIGN NUMBER	245644	
CLASS	09-05	2
HAVING ITS REGISTERED OFFIC	WS OF UNITED STATES OF AMERICA,	
DATE OF REGISTRATION	30/05/2012	
TITLE	PACKAGING	
PRIORITY NA		

DESIGN NUMBER		261552		
CLASS				
1)MR. PARDEEP SINGH S/O S R/O H. NO. 297, SEC-11D, FAI				
DATE OF REGISTRATION		07/04/2014		
TITLE	F	RAME FOR FOUR WHEELER		
PRIORITY NA				
DESIGN NUMBER		255684		
CLASS		14-03		
1)SAMSUNG ELECTRONICS 129, SAMSUNG-RO, YEONGT REPUBLIC OF KOREA, A COMP.				
DATE OF REGISTRATION		06/08/2013		
TITLE		MOBILE PHONE		
PRIORITY	L.			
PRIORITY NUMBER	DATE	COUNTRY	( a)	
30-2013-0009486	23/02/2013	REPUBLIC OF KOREA		
DESIGN NUMBER		262424		
CLASS		07-99		
1)JAYESHBHAI DHANJIBHA NATIONAL, HAVING ADDRES A-31, RAMESHWAR SOCIET NIKOL ROAD, NIKOL, AHMEDA	<b>S AT</b> Y, B/H. POWEI	R HOUSE, THAKKARBAPA NAGAR,		
DATE OF REGISTRATION	E OF REGISTRATION 07/05/2014			
TITLE	KIT	CHEN ACCESSORIES HOLDER		
PRIORITY NA				

DESIGN NUMBER			257651			
CLASS			07-02		1000	
1)(1). DHAVAL H. PATE VARMORA AND (4). KAL DIRECTORS OF VARMO INCORPORATED UNDER PRINCIPLE PLACE OF B 86, PO. VASNA CHACHAR CHANGODAR-AHMEDAB AHMEDABAD-382 213. GU	PESH A. I RA PLAS THE CO USINESS VADI, NR AD HIGH	PATEL., ALL FECH PVT. L MPANIES AC AT, PLOT NC DIVYA BHA WAY, TAL: SA	ATEL, (3). PI INDIAN NA TD., A COM CT, 1956., HA ). 3, SURVE	ATIONAL IPANY AVING ITS Y/BLOCK SS, BAVLA	S NO.	
DATE OF REGISTRATIO	N		22/10/2013	3		
TITLE		KITCHEN	STORAGE	CONTAINE	ER	
PRIORITY NA						
DESIGN NUMBER		26	2606			
CLASS		0	8-05			
1)ROBERT BOSCH GMI POSTFACH 30 02 20, D-						- 323
DATE OF REGISTRATIO	N	15/0	5/2014			
TITLE		ANGLE	GRINDER		1	- Charles I
PRIORITY			1		An	1-11-
PRIORITY NUMBER	Ľ	DATE	COUNTI	RY	622	13
002445833	1	1/04/2014	OHIM		Ser.	
		2(0(50			127-1-1	
DESIGN NUMBER CLASS		260650 08-06				
1)PRAKASH VEJPARA., PROPRIETOR OF M/S. SH NATIONALITY, HAVING 7/4, PARASANA SOCIE ATIKA, RAJKOT-2, GUJAR	IREE RAN ADDRES TY, DHEE	NATIONALI M HARDWAI S AT BAR ROAD, (S	RE, INDIAN			
DATE OF REGISTRATION		27/02/201	4	3	H	
TITLE		HANDL	E			
PRIORITY NA						
DESIGN NUMBER			2551	93		
CLASS			27-9	99		
1)ALTRIA CLIENT SER LAWS OF THE STATE OF OF 6601 WEST BROAD	F NEW YO	ORK, USA.,			JNDER THE	$\sim$
DATE OF REGISTRATIO	N	11/07/2013				
TITLE		ELECTRONIC SMOKING ARTICLE				
PRIORITY						$\langle \mathcal{O} \rangle$
PRIORITY NUMBER		DATE COUNTRY				
29/443,134		14/01/2013 U.S.A.				

DESIGN NUMBER		260832	
CLASS		09-01	
1)THE PROCTER & GAMBLE CO INCORPORATED UNDER THE LAV HAVING ITS REGISTERED OFFIC ONE PROCTER & GAMBLE PLAZ STATES OF AMERICA	WS OF UNITED STA E AT	TES OF AMERICA,	
DATE OF REGISTRATION	07	7/03/2014	$\left  \left( \mathcal{O} \right) \right $
TITLE	E	BOTTLE	
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	$\bigcirc$
761416401	12/09/2013	WIPO	
DESIGN NUMBER		262805	
CLASS		07-01	$\bigcirc$
1) <b>PEPSICO, INC., INCORPORATE</b> 700 ANDERSON HILL ROAD, PUI OF AMERICA			
DATE OF REGISTRATION	22	2/05/2014	
TITLE		CUP	
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
29/473,521	22/11/2013	U.S.A.	

DESIGN NUMBER	261362	
CLASS	26-05	
1)CROMPTON GREAVES LIMI CG HOUSE, 6TH FLOOR, DR. A MAHARASHTRA, INDIA; AN INDI	NNIE BESANT ROAD, WORLI, MUMBAI - 400030,	
DATE OF REGISTRATION	28/03/2014	And the second se
TITLE	END CAP OF A LUMINAIRE	
PRIORITY NA		ath.
DESIGN NUMBER	261511	
CLASS	11-01	6 0
ITS REGISTERED ADDRESS AT 116 SDF-IV, SEEPZ, SEZ, ANDH INDIA DATE OF REGISTRATION	ERI EAST, MUMBAI-400096, MAHARASHTRA, 03/04/2014	8111 ·
TITLE	PENDANT FOR NECKLACE	
PRIORITY NA		
DESIGN NUMBER	262152	
CLASS	23-04	
NAJAFGARH ROAD, NANGLOI, I	( <b>INDIA) A-12, ADHYAPAK NAGAR,</b> DELHI-110041 J. GOEL, WHO IS AN INDIAN BY NATIONALITY	
DATE OF REGISTRATION	30/04/2014	
TITLE	AIR COOLER	
PRIORITY NA		

DESIGN NUMBER	260565	
CLASS	13-02	
1)SUBODH GUPTA, OKAYA POW D-7, UDYOG NAGAR, ROHTAK I	V <b>ER LTD.,</b> ROAD, NEW DELHI-110041. (INDIAN)	CYTYYYYYYYYYYYYYYY
DATE OF REGISTRATION	21/02/2014	****************
TITLE	BATTERY POSITIVE PLATE	
PRIORITY NA		
DESIGN NUMBER	262624	
CLASS	12-15	25
1) <b>TVS SRICHAKRA LIMITED, A</b> N 7B, WEST VELI STREET, MADUI	<b>N INDIAN COMPANY,</b> RAI 625001, TAMIL NADU, INDIA	SE
DATE OF REGISTRATION	15/05/2014	NY
TITLE	TYRE	
PRIORITY NA		
DESIGN NUMBER	263857	
CLASS	08-06	
NATIONAL PARTNERS OF FORAM PARTNERSHIP FIRM HAVING ITS	ND ASHISHBHAI G. GADHIYA BOTH INDIAN M SALES CORPORATION AN INDIAN S PRINCIPAL PLACE OF BUSINESS AT OPP. RIDDHI SIDDHI PARK, NEAR SANDHIYA JARAT-INDIA	
DATE OF REGISTRATION	03/07/2014	
TITLE	HANDLE	
PRIORITY NA		

DESIGN NUMBER		257347			
CLASS		08-09		100	
1) <b>SHIVA STEEL INDU</b> C-12, SITE C, SURAJI NOIDA	STRIES, OI PUR INDUS	F <b>THE ADDRESS</b> TRIAL AREA, GREATER			
DATE OF REGISTRATION		09/10/2013			
TITLE	WIN	DOW PARTITION	in the second		
PRIORITY NA				1	Section and the section of the
DESIGN NUMBER		263212			
CLASS		03-01			
KALAN, CHANDANI CI (AN INDIAN PROPRI SH. NARENDER KUMAH ABOVE ADDRESS	HOWK, DEI ETORSHIP I R SHARMA.	FIRM WHOSE PROPRIET AN INDIAN NATIONAL	OR IS:-	/	
DATE OF REGISTRATI	ON	09/06/2014			
TITLE		BOX FOR JWELLERY			
PRIORITY NA					
DESIGN NUMBER		2619			
		09-	01		
1)PARAS TRADECOM 80, GIRISH PARK NOR COMPANY		TA 700006, WEST BENG	AL, INDIA,	INDIAN	
DATE OF REGISTRATI	ON	23/04/	/2014		
TITLE		BOTTLE FOR	EATABLES		
PRIORITY NA					

DESIGN NUMBER		261642	
CLASS	08-09		
1) <b>DORMA INDIA PRIVATE LIMI</b> THE COMPANIES ACT, 1956, HAV NO. 14, PATTULOS ROAD, CHEN	ING ITS REGISTER	ED OFFICE AT	
DATE OF REGISTRATION	10	0/04/2014	
TITLE		TAL FITTING FOR GLASS PANELS	
PRIORITY NA			8
DESIGN NUMBER		263232	
CLASS		12-15	
1) <b>M/S. JK TYRE &amp; INDUSTRIES I</b> 7, COUNCIL HOUSE STREET, KC COMPANY.		IA, AN INDIAN	
DATE OF REGISTRATION	10/06/2014		
TITLE	TYRE		
PRIORITY NA			
DESIGN NUMBER		262279	
CLASS		09-03	
1)UNILEVER PLC, A COMPANY UNDER COMPANY NO. 41424 OF UNILEVER HOUSE, 100 VICTOR UNITED KINGDOM			
DATE OF REGISTRATION	01/05/2014		
TITLE	CARTON		
PRIORITY	<u>.</u>		
PRIORITY NUMBER	DATE COUNTRY		
002340430	07/11/2013 OHIM		

DESIGN NUMBER		262338	
CLASS		09-01	
1)MUTUM RANJIT SINGH, AN IN BUSINESS AT YALLU APARTMENT, P-SECTOI NATIONALITY INDIAN			I
DATE OF REGISTRATION	0:	5/05/2014	
TITLE	BOTT	LE WITH CAP	
PRIORITY NA			
DESIGN NUMBER		262364	
CLASS		13-03	
1) <b>RANDL INDUSTRIES, INC.,</b> 3808 NORTH SULLIVAN ROAD, WASHINGTON 99216 U.S.A., NATIO			
DATE OF REGISTRATION	0:	5/05/2014	
TITLE	PLASTER RING FOR ELECTRICAL OUTLET BOX		
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
29/471,963	06/11/2013 U.S.A.		
DESIGN NUMBER		260363	
CLASS		08-06	
1)TATTVA ART HARDWARE, A PLOT #14, SECTOR 37, PACE CIT			
DATE OF REGISTRATION	1	7/02/2014	
TITLE	DOC	R HANDLE	
PRIORITY NA			

DESIGN NUMBER		260714	
CLASS		09-03	
1)INTERCONTINENTAL GREAT INCORPORATED IN THE STATE O OF 100 DEFOREST AVENUE, EAS STATES OF AMERICA			
DATE OF REGISTRATION	28	8/02/2014	
TITLE	CO	NTAINER	
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
29/465,596	29/08/2013	U.S.A.	
DESIGN NUMBER		259595	
CLASS		06-04	-
1)PAUL HETTICH GMBH & CO. I OF VAHRENKAMPSTRASTRASS		HLENGERN, GERMANY	
DATE OF REGISTRATION	2:	3/01/2014	
TITLE	FURNITURE RACK		
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
002282160-0008	26/07/2013 OHIM		
DESIGN NUMBER		261025	
CLASS		25-02	
1) <b>ISCOM S.P.A., AN ITALIAN JOI</b> VIA BELVEDERE, 78, FRAZ, OSP ITALY			
DATE OF REGISTRATION	18/03/2014		
TITLE	ANCHORED ROOF COVERING		« // //
PRIORITY			
PRIORITY NUMBER	DATE COUNTRY		
002312876	19/09/2013 OHIM		

DESIGN NUMBER	2	44612	
CLASS		10-07	
1)CARTIER CREATION STUDIO 8 BOULEVARD JAMES FAZY, CI	000		
DATE OF REGISTRATION	13/	/04/2012	$0 \leq y$
TITLE	WAT	CH CASE	
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
N° DM/077 626	13/10/2011	WIPO	
DESIGN NUMBER	2	50650	
CLASS		21-01	
1)MAN TRUCK & BUS AG, A GEI DACHAUER STR. 667, 80995 MU		,	
DATE OF REGISTRATION	03/	/01/2013	1751
TITLE	DRIVER"S CAB OF A	TOY UTILITY VEHICLE	
PRIORITY			
PRIORITY NUMBER			
001335236	04/07/2012 OHIM		
DESIGN NUMBER	2	61509	
CLASS		11-01	
1)M/S. SUNJEWELS INTERNATION INCORPORATED UNDER THE CO ITS REGISTERED ADDRESS AT 116 SDF-IV, SEEPZ, SEZ, ANDHE INDIA			
DATE OF REGISTRATION	03/	/04/2014	OSIII
TITLE	EA	RRING	OM -
PRIORITY NA			