

CONTINUED FROM PART 1

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1185/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :06/03/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : "TRIAMCINOLONE ACETONIDE AND ANECORTAVE ACETATE FORMULATIONS FOR INJECTION"

(51) International classification	:A61K 9/00
(31) Priority Document No	:60/505,386
(32) Priority Date	:23/09/2003
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2004/028598
Filing Date	:02/09/2004
(87) International Publication No	:WO 2005/032510
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

1)ALCON, INC.

Address of Applicant :BOSCH 69, P.O. BOX 62, CH-6331
HUNENBERG,SWITZERLAND. Switzerland

(72)**Name of Inventor :**

1)JAIN RAJNI

2)CASTILLO , ERNESTO

3)HAN WESLEY WESIN

(57) Abstract :

Injectable compositions of triamcinolone acetonide or anecortave acetate are disclosed. The compositions are particularly suitable for injection into the posterior segment of the eye to treat ophthalmic diseases.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1186/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :06/03/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : COMPOSITIONS AND METHODS FOR DELIVERY OF BIOLOGICALLY ACTIVE AGENTS

(51) International classification :A61K 009/107
(31) Priority Document No :2003904719
(32) Priority Date :01/09/2003
(33) Name of priority country :Australia
(86) International Application No :PCT/AU2004/001181
Filing Date :01/09/2004
(87) International Publication No :WO 2005/021046
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)FH FAULDING & CO., LTD.

Address of Applicant :LEVEL 21, 390 ST. KILDA ROAD,
MELBOURNE, VICTORIA, 3000, AUSTRALIA Australia

(72)Name of Inventor :

1)KHOO, SHUI-MEI

2)BOYD, BENJAMIN JAMES

3)WHITTAKER, DARRYL VANSTONE

4)DAVEY, GREGORY ANDREW

5)DRUMMOND, CALUM JOHN

6)MURPHY, ANNETTE JOAN

7)TAIT, RUSSELL JOHN

(57) Abstract :

The present invention provides methods and compositions for the delivery of a biologically active agent to a biological system. The compositions include the active agent and a lyotropic phase and release of the active agent to the biological system is modified by the lyotropic phase.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1905/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :07/04/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : "PROCESS FOR PRODUCING BISPHENOL A"

(51) International classification	:C08G 85/00
(31) Priority Document No	:2003-317759
(32) Priority Date	:10/09/2003
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2004/012634
Filing Date	:01/09/2004
(87) International Publication No	:WO 2005/026237
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)MITSUI CHEMICALS, INC.,
Address of Applicant :5-2, HIGASHI-SHIMBASHI, 1-CHOME,
MINATO-KU, TOKYO 105-7117, JAPAN. Japan

(72)**Name of Inventor :**
1)TAKASHI TERAJIMA
2)YUKO MARUYAMA
3)TOSHIHIRO TAKAI
4)KENJI FUJIWARA

(57) Abstract :

The present invention provides a process for producing bisphenol A by reacting phenol with acetone, wherein reaction is performed at higher temperatures while maintaining high selectivity, and thus high productivity is obtained. The invention relates to a cation-exchange resin, where in a cation-exchange group is introduced into a syndiotactic polystyrene polymer and the amount of acid is 0.8 milliequivalent/g or more, to a catalyst comprising the cation-exchange resin, and to a process for producing bisphenol A using the cation-exchange resin catalyst.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1906/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :07/04/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : "COMPOSITION FOR THE PRETANNING OF PELTS"

(51) International classification	:C14C 3/16
(31) Priority Document No	:1724/03
(32) Priority Date	:09/10/2003
(33) Name of priority country	:Switzerland
(86) International Application No	:PCT/EP2004/052465
Filing Date	:07/10/2004
(87) International Publication No	:WO 2005/038058
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)TFL LEDERTECHNIK GMBH
Address of Applicant :IM SCHWARZENBACH 2, 79576 WEIL AM RHEIN, GERMANY. Germany

(72)**Name of Inventor :**
1)ALAIN LAUTON
2)WOLFGANG HERRMANN
3)JENS FENNEN
4)->
5)CATHERINE GABAGNOU

(57) Abstract :

Compositions comprising a) 5 to 50% by weight of an aliphatic dialdehyde having 2 to 10 carbon atoms; b) 2.5 to 20% by weight of at least one reductive saccharide having a dextrose equivalent of 10 to 100; c) 2.5 to 20% by weight of at least one water-soluble, optionally monoetherified polyoxaalkylene glycol having a molecular weight of more than 100 and not more than 2000; and d) 90 to 10% by weight of water, 0.05 to 0.19 mol of the components b) and c) being added per mole of the component a), outstandingly suitable for the pretanning of pelts and subsequent production of leathers free of heavy metals.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1907/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :07/04/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : "THYROID HORMONE ANALOGS AND METHOD OF USE IN ANGIOGENESIS"

(51) International classification	:A61K 31/192
(31) Priority Document No	:60/502,721
(32) Priority Date	:15/09/2003
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2004/030583
Filing Date	:15/09/2004
(87) International Publication No	:WO 2005/027895
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)ORDWAY RESEARCH INSTITUTE
Address of Applicant :150 NEW SCOTLAND AVENUE, ALBANY,
NY 12208, UNITED STATES OF AMERICA. U.S.A.
(72)**Name of Inventor :**
1)SHAKER A. MOUSA
2)FAITH B. DAVIS
3)PAUL J. DAVIS

(57) Abstract :

Disclosed are methods of treating subjects having conditions related to angiogenesis including administering an effective amount of a polymeric form of thyroid hormone, or an antagonist thereof, to promote or inhibit angiogenesis in the subject. Compositions of the polymeric forms of thyroid hormone, or thyroid hormone analogs, are also disclosed.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1908/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :07/04/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : "TORSION BAR FOR APPLICATION IN BELT WINDERS FOR SAFETY BELTS"

(51) International classification	:B60R 22/28
(31) Priority Document No	:10357979.6
(32) Priority Date	:11/12/2003
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2004/053276
Filing Date	:06/12/2004
(87) International Publication No	:WO 2005/056349
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)SFS INTEC HOLDING AG.,
Address of Applicant :NEFENSTRASSE 30, CH-9435
HEERBRUGG, SWITZERLAND. Switzerland
(72)**Name of Inventor :**
1)SIEGFRIED OESTERLE
2)ERNST SIEBER

(57) Abstract :

The invention relates to a torsion bar (I), for application in belt winders for safety belts, provided on the end section thereof with embodiments of drive and/or locking elements (2,3), for positive connection to corresponding devices. The torsion bar (I) and the drive and/or locking elements (2,3) provided on the ends thereof is produced in one piece from a non-ferrous metal, using varying impact extensions in order to achieve different torques with constant dimensions or the drive and/or locking elements (2,3) with various diameters for the torsion "bar (I).

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1913/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :07/04/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : "BINDING CONTENT TO A USER"

(51) International classification	:G06F 1/00
(31) Priority Document No	:03024771.2
(32) Priority Date	:29/10/2003
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/EP2004/012137
Filing Date	:27/10/2004
(87) International Publication No	:WO 2005/050416
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)SONY ERICSSON MOBILE COMMUNICATIONS AB

Address of Applicant :NYA VATTENTORNET, S-221 88 LUND,
SWEDEN Sweden

(72)Name of Inventor :

1)BO LARSSON

2)STEFAN ANDERSSON

(57) Abstract :

Providing information about digital rights management features in relation to an electronic communication device comprising the steps of: -in a content providing device (16) providing a downloadable content (42) for a particular user of the communication device (10), -providing information about digital rights management such as a rights object (RO) 40, -providing a constraint (43) defining in what way the particular user is allowed to use the content (42) related to the information about digital rights management and -binding the content (42) to the user by means of information in the constraint (43), or -binding automatically the information about digital rights management, such as binding content (42) to the user, such that a content provider can ensure that downloaded content only can be used by the intended user, or group of users. A user can be identified by its persona! subscriber module (e.g. SIM/USIM/), which ensures secure portability of the user's identity.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2021/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :13/04/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : "NOVEL OIL-IN-WATER EMULSIFIERS"

(51) International classification :B01F 17/00

(31) Priority Document No :10/689,266

(32) Priority Date :20/10/2003

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

(86) International Application No :PCT/US2004/034402

Filing Date :18/10/2004

(87) International Publication No :WO 2005/042140

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)THE LUBRIZOL CORPORATION

Address of Applicant :29400 Lakeland BOULEVARD, Wickliffe,
OH 44092-2298 (USA). U.S.A.

(72)Name of Inventor :

1)JOHN J. MULLAY,

2)JEFFREY M. CAREY,

3)JAMES, H. BUSH,

4)STUART L. BARTLEY,

(57) Abstract :

The invention provides an amphiphilic compound suitable for oil-in-water systems. The amphiphilic compound contains: (a) a lipophilic component that is hydrocarbon group containing about 20 or more carbon atoms; (b) a hydrophilic component selected from (i) a monomer or an oligomer of an oxyalkylene group containing 2 or more carbon atoms; (ii) a monomer or an oligomer of an oxyalkylene group containing 3 or more carbon atoms; (iii) an oligomer containing: (I) an oxyalkylene group containing 3 or more carbon atoms; (2) an oxyalkylene group containing 2 or more carbon atoms, provided component (2) is different from component (1); (iv) a hydrocarbyl substituted hydroxyaminc; (v) a polyhydric alcohol; and (vi) a polyamine; and (c) a linker covalently bonding the hydrophilic component and the lipophilic component, wherein the hydrophilic component is present in an amount sufficient to at least partially disperse the amphiphilic compound in water. The invention further provides a method of preparing the amphiphilic compound.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2022/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :13/04/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : "HIGH SPEED MEDIA ACCESS CONTROL"

(51) International classification	:H04L 12/56
(31) Priority Document No	:60/511,750
(32) Priority Date	:15/10/2003
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2004/034061
Filing Date	:15/10/2004
(87) International Publication No	:WO 2005/039127
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)QUALCOMM INCORPORATED
Address of Applicant :5775 Morehouse Drive, San Diego, California
92121-1714, United States of America U.S.A.

(72)**Name of Inventor :**
1)SANJIV NANDA
2)ARNAUD MEYLAN
3)RODNEY J. WALTON

(57) Abstract :

Embodiments disclosed herein for MAC processing for efficient use of high throughput systems and that may be backward compatible with various types of legacy systems. In one aspect, a data transmission structure comprises a consolidated poll and one or more frames transmitted in accordance with the consolidated poll. In another aspect, a Time Division Duplexing (TDD) data transmission structure comprises a pilot, a consolidated poll, and zero or more access point to remote station frames in accordance with the consolidated poll. In one aspect, frames are transmitted sequentially with no or substantially reduced interframe spacing. In another aspect, a guard interframe spacing may be introduced between frames transmitted from different sources, or with substantially different power levels. In another aspect, a single preamble is transmitted in association with one or more frames. In another aspect, a block acknowledgement is transmitted subsequent to the transmission of one or more sequential names.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2023/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :13/04/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : "WIRELESS COMMUNICATION SYSTEM, WIRELESS COMMUNICATION DEVICE AND WIRELESS COMMUNICATION METHOD, AND COMPUTER PROGRAM"

(51) International classification	:H04L 1/00	(71)Name of Applicant :
(31) Priority Document No	:P2003-364231	1)SONY CORPORATION
(32) Priority Date	:24/10/2003	Address of Applicant :7-35,Kitashinagawa 6-chome, Shinagawa-ku,
(33) Name of priority country	:Japan	Tokyo 141-0001, Japan. Japan
(86) International Application No	:PCT/JP2004/015962	(72)Name of Inventor :
Filing Date	:21/10/2004	1)KAZUYUKI SAKODA
(87) International Publication No	:WO 2005/041467	2)HIDEKI IWAMI
(61) Patent of Addition to Application Number	:NA	3)KENZO NISHIKAWA
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Access control based on CSMA is favorably carried out with the RTS/CTS method used together. If the RTS/CTS procedure is used together, CTS information is transmitted in response to the reception of RTS information, and data is transmitted in response to the reception of CTS. The CTS transmitting station measures the quality of RTS receive signal, and thereby determines a transmission rate at which it can receive and notifies a station as the destination of CTS. The station as the destination of CTS transmits data in response to CTS information. As the transmission rate for this data, the transmission rate indicated in the RATE field in CTS is applied.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2024/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :13/04/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : "METHOD OF SELECTIVELY ASSAYING ADIPONECTIN MULTIMERS"

(51) International classification

:G01N 33/53

(31) Priority Document No

:2003-354930

(32) Priority Date

:15/10/2003

(33) Name of priority country

:Japan

(86) International Application No

:PCT/JP2004/015260

Filing Date

:15/10/2004

(87) International Publication No

:WO 2005/038457

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)DAIICHI PURE CHEMICALS CO., LTD.

Address of Applicant :13-5, Nihonbashi 3-chome, Chuo-ko, Tokyo
103-0027, JAPAN Japan

2)TOUDAI TLO, LTD.,

3)TOUDAI TLO, LTD

(72)Name of Inventor :

1)HIROYUKI EBINUMA

2)HIROKAZU YAGO

3)YUKA AMIMOTO

4)OSAMU MIYAZAKI

5)TAKASHI KADOWAKI

6)TOSHIMASA YAMAUCHI

7)KAZUO HARA

(57) Abstract :

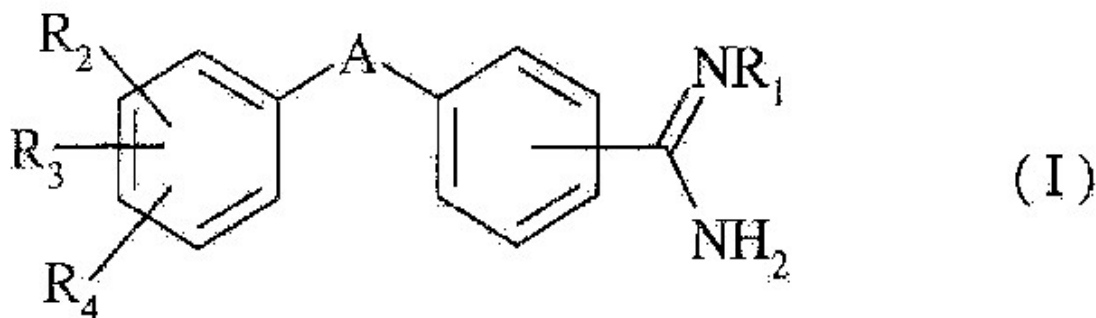
The present invention provides a method for selectively assaying a target adiponectin multimer in a biological sample, and a method for accurately evaluating the relationship between a disease and adiponectin through selectively assay of the adiponectin multimers, which gives such information that cannot be obtained through measurement of only the total amount of adiponectin. A method for selectively assaying of a target adiponectin multimer in a biological sample, comprising a step of distinguishing target adiponectin multimer from the other adiponectin by using a protease and/or an antibody.

(54) Title of the invention : "PHARMACEUTICAL FORMULATION CONTAINING AN LTB4-ANTAGONIST, METHOD FOR THE PRODUCTION.

(51) International classification	:A61K	(71)Name of Applicant :
(31) Priority Document No	:103 50 528.8	1)BOEHRINGER INGELHEIM INTERNATIONALGMBH
(32) Priority Date	:29/10/2003	Address of Applicant :Binger Strasse 173, 55216 Ingelheim,
(33) Name of priority country	:Germany	Germany Germany
(86) International Application No	:PCT/EP2004/012015	(72)Name of Inventor :
Filing Date	:23/10/2004	1)THOMAS BOCK
(87) International Publication No	:WO 2005/041855	2)SIGLINDE MOLL
(61) Patent of Addition to Application Number	:NA	3)KARL WEBER
Filing Date	:NA	4)ULRICH BRAUNS
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a new pharmaceutical formulation, containing an LTB4 antagonist of formula I wherein A, R1, R2, R3 and R4 are defined as in claim 1, the pharmacologically acceptable acid addition salt, glycoside, O-sulphate or glucuronide thereof as active substance as well as optionally at least one pharmacologically acceptable excipient and/or carrier, the active substance being present as a solid solution or solid dispersion in a polymer matrix. The invention also relates to the preparation thereof and their use as pharmaceutical compositions as well as the solid solutions and dispersions per se.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.2026/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :13/04/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : "ELASTIC NONWOVEN FABRICS MADE FROM BLENDS OF POLYOLEFINS AND PROCESSES FOR MAKING THE SAME"

(51) International classification	:C08L 23/10
(31) Priority Document No	:10/716,306
(32) Priority Date	:18/11/2003
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2004/034648
Filing Date	:20/10/2004
(87) International Publication No	:WO 2005/052052
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)EXXONMOBIL CHEMICAL PATENTS INC.
Address of Applicant :5200 Bayway Drive, Baytown, Texas 77520-2101, United States of America U.S.A.
(72)**Name of Inventor :**
1)CHIA Y. CHENG
2)SRIVATSAN SRINIVAS
3)SUDHIN DATTA

(57) Abstract :

Articles and nonwoven fabrics having improved elasticity manufactured from compositions, for example, made from 5 wt% to 100 wt% of a first polymer component of polymers selected from homopolymers of propylene and random copolymers of propylene and from 95 wt% to 0 wt% of a second polymer component of polymers selected from propylene homopolymers and propylene copolymers.

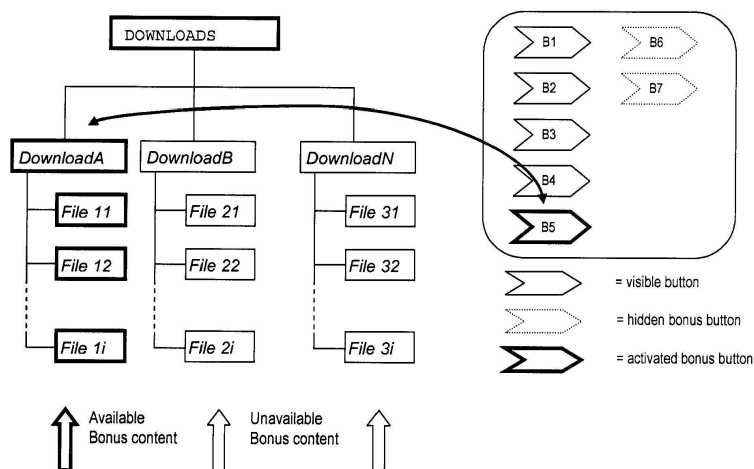
(54) Title of the invention : "METHOD AND DEVICE FOR COMPOSING A MENU"

(51) International classification :G11B 27/10
 (31) Priority Document No :03025926.1
 (32) Priority Date :12/11/2003
 (33) Name of priority country :EPO
 (86) International Application No :PCT/EP2004/010234
 Filing Date :13/09/2004
 (87) International Publication No :WO 2005/050652
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

(71)**Name of Applicant :**
1)THOMSON LICENSING
 Address of Applicant :46 Quai Alphonse Le Gallo, F-92100
 Boulogne-Billancourt, France. France
 (72)**Name of Inventor :**
1)CARSTEN HERPEL
2)DIRK GANDOLPH
3)JOBST HOERENTRUP
4)RALF OSTERMANN
5)HARTMUT PETERS

(57) Abstract :

Multimedia content of exchangeable storage media, such as optical discs, may be extended by bonus content that is downloaded via Internet connection and stored on a local storage device. An improved method for integration of different menu items relating to on-disc content and downloaded content provides flexibility and a simple, low cost solution. The method for integration of downloaded bonus content into a menu comprises defining one or more placeholders within a menu, determining a storage location or naming convention for bonus content, declaring for each placeholder an attribute providing a unique association to a specific type of bonus content, providing a button image, detecting presence of bonus content data, replacing the associated placeholder by the associated button image and enabling an associated action to be taken when said button is selected.



(54) Title of the invention : "PACKAGE FOR PRODUCTS AND METHOD FOR PACKAGING PRODUCTS."

(51) International classification :B65D 5/22
 (31) Priority Document No :1024568
 (32) Priority Date :17/10/2003
 (33) Name of priority country :Netherlands
 (86) International Application No :PCT/NL2004/000733
 Filing Date :18/10/2004
 (87) International Publication No :WO 2005/044674
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

1)VERTIS B.V

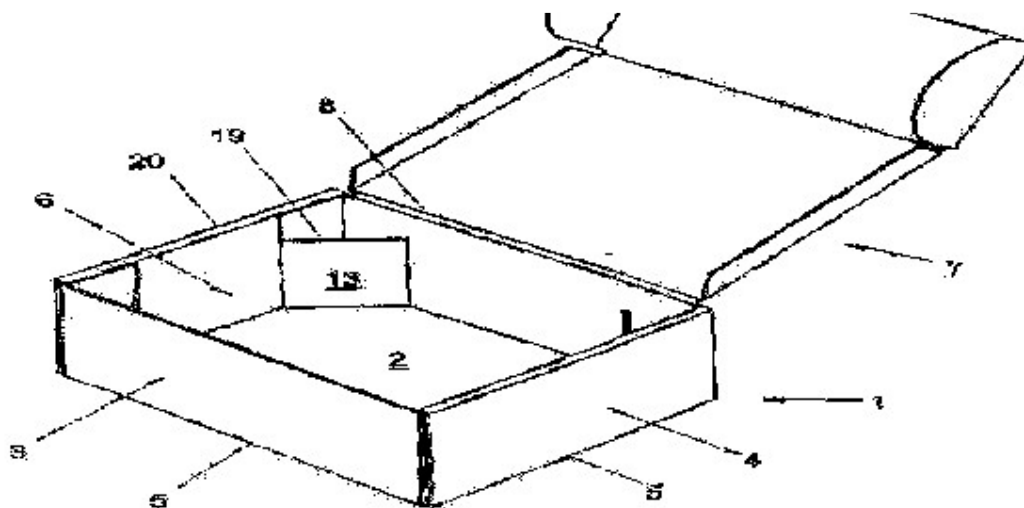
Address of Applicant :Boven Oosterdiep 94, 9641 JT Veendam, The Netherlands Netherlands

(72)Name of Inventor :

1)JAN WIETZE HUISMAN**2)MARTINA MUTTER,****3)TANJA OSWALD,****4)MARK SCHMITZ,**

(57) Abstract :

The invention relates to a package for products ,in particular electronic components .comprising a box-shaped outer package (1) and an inner package (102), wherein the outer package is provided with an inner space (6) formed by at least a bottom (2) and sidewalls (3,4) and the inner package is borne on at least two bearing parts (13) of the outer package folded in the inner package such that the inner package extends substantially parallel to and at distance from the bottom of the outer package.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.1925/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :07/04/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : "IL-21 DERIVATIVES"

(51) International classification	:C07K 14/54
(31) Priority Document No	:PA 2003 01496
(32) Priority Date	:10/10/2003
(33) Name of priority country	:Denmark
(86) International Application No	:PCT/DK2004/000686
Filing Date	:08/10/2004
(87) International Publication No	:WO 2005/035565
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)NOVO NORDISK A/S
Address of Applicant :NOVO ALLE,DK - 2880 BAGSVAERD,
DENMARK. Denmark

(72)**Name of Inventor :**
1)PESCHKE BERND
2)SCHIODT CHRISTINE BRUNN
3)WOLDIKE HELLE
4)DORWALD FLORENCIO ZARAGOZA
5)WORSAAE ANNE

(57) Abstract :

The invention provides derivatives of IL-21 or variants thereof.

(54) Title of the invention : "METHOD AND APPARATUS FOR SEPARATING AIR BY CRYOGENIC DISTILLATION"

(51) International classification :F25J 3/04
 (31) Priority Document No :0350779
 (32) Priority Date :04/11/2003
 (33) Name of priority country :France
 (86) International Application No :PCT/FR2004/050537
 Filing Date :26/10/2004
 (87) International Publication No :WO 2005/045339
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

**1)L'AIR LIQUIDE SOCIETE ANONYME A DIRECTOIRE ET
 CONSEIL DE SURVEILLANCE POUR CLAUDE**

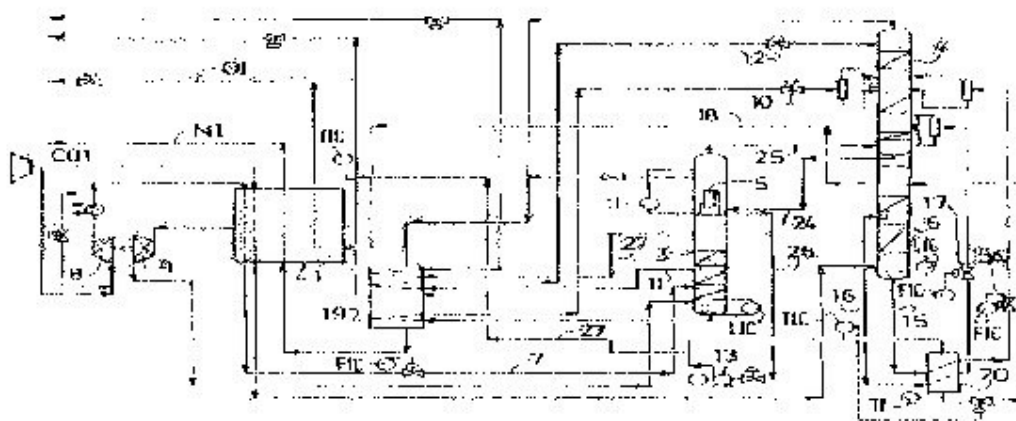
Address of Applicant :75 Quai d'Orsay, F-75321 Paris Cedex 07,
 France France

(72)Name of Inventor :

1)HERVE LE BIHAN

(57) Abstract :

The invention concerns a method for separating air by cryogenic distillation in an installation comprising a medium pressure column (3), a low pressure column (4) and a mixing column (6). According to the method: air is compressed in a compressor (C01); is cooled in an exchange line (I), a first portion (2) of the air is fed to the vessel of the mixing column; a second portion of the air is fed to the medium pressure column where it separates; an oxygen-enriched liquid (19) and a nitrogen enriched liquid (II) are led from the medium pressure column to the low pressure column; an oxygen rich liquid (26) is fed from the low pressure column to the top of the mixing column; at least one flow of liquid (27, 29-) is drawn off from the medium or low pressure column; the second portion of air is boosted in a booster (8); this air is cooled in the exchange line; it is divided into a first fraction and second fraction; the first fraction of air is cooled in the exchange line; it is at least partially liquefied and then sent to the medium pressure column and/or the low pressure column; the second fraction of air is expanded in a Claude turbine (9) and is led to the medium pressure column, and; an oxygen rich flow (18) is drawn off from the mixing column and is heated in the exchange line.



(51) International classification	:D04H 1/46
(31) Priority Document No	:03 12794
(32) Priority Date	:31/10/2003
(33) Name of priority country	:France
(86) International Application No	:PCT/FR2004/002753
Filing Date	:26/10/2004
(87) International Publication No	:WO 2005/042821
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)RIETER PERFOJET

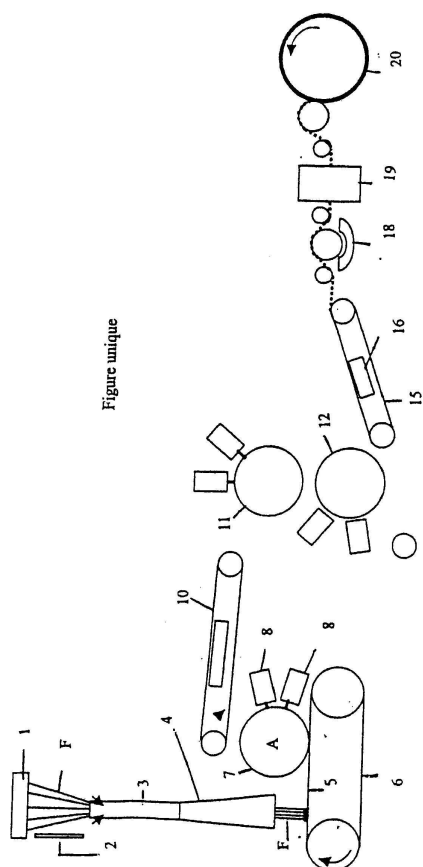
Address of Applicant :ZA Pre-Millet, 38330 Montbonnot, France, France

(72)Name of Inventor :

1)FREDERIC NOELLE

(57) Abstract :

MACHINE FOR THE PRODUCTION OF A FINISHED NONWOVEN In this machine for the production of a nonwoven, comprising a spun-bond tower (1 to 4) and a conveyor (6), a consolidation device (7, 8, 11, 12), a means (16) for expressing the moisture from the web, and an applicator (17) for applying a product to the web downstream of the expressing means (16) are provided. Figure 1.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.2036/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :13/04/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : METHOD, APPARAUS, AND SYSTEM FOR MULTIPLEXING PROTOCOL DATA UNITS"

(51) International classification	:H04L 12/28
(31) Priority Document No	:60/511,750
(32) Priority Date	:15/10/2003
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2004/034257
Filing Date	:15/10/2004
(87) International Publication No	:WO 2005/039119
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)QUALCOMM INCORPORATED
Address of Applicant :5775 Morehouse Drive, San Diego, California
92121-1714, United States of America U.S.A.
(72)**Name of Inventor :**
1)JOHN W. KETCHUM
2)RODNEY J. WALTON
3)SANJIV NANDA

(57) Abstract :

Embodiments addressing MAC processing for efficient use of high throughput systems are disclosed. In one aspect, a protocol stack is disclosed comprising one or more of the following: an adaptation layer, a data link control layer, a physical layer, and a layer manager. In another aspect, physical layer feedback is used for adaptation layer processing. In one embodiment, physical layer feedback is used for segmentation. In another embodiment, physical layer feedback is used for multicast mapping onto one or more unicast channels. In another aspect, a data unit for transmission from a first station to a second station comprises zero or more complete sub-data units, zero or one partial sub-data units from a prior transmission, and zero or one partial sub-data units to fill the data unit. In one embodiment, a pointer may be used to indicate the location of any complete sub-data units.

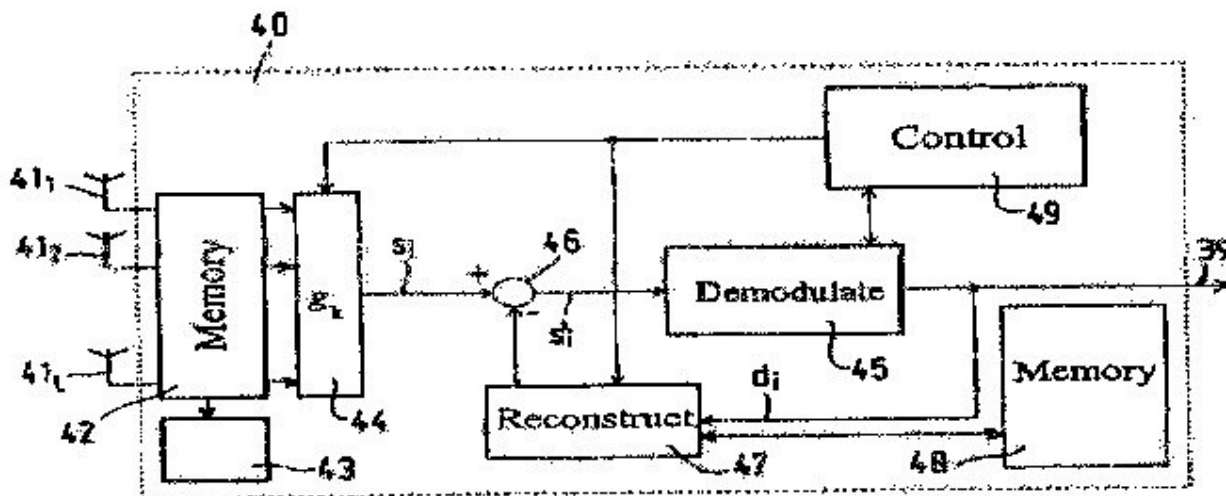
(54) Title of the invention : MULTIPLE ACCESS INTERFERENCE CANCELLATION

(51) International classification : H04B 7/08
 (31) Priority Document No : PCT/EP03/12163
 (32) Priority Date : 31/10/2003
 (33) Name of priority country : EUROPEAN UNION
 (86) International Application No : PCT/EP2003/013677
 Filing Date : 28/11/2003
 (87) International Publication No : WO 2005/050869
 (61) Patent of Addition to Application Number : NA
 Filing Date : NA
 (62) Divisional to to Application Number : NA
 Filing Date : NA

(71) Name of Applicant :
1) TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)
 Address of Applicant : S-164 83 Stockholm, Sweden Sweden
 (72) Name of Inventor :
1) HAARTSEN, JACOBUS, CORNELIS

(57) Abstract :

Method and device for interference cancellation. A radio access unit comprises a plurality of directionally separated antenna elements (41k, K=1, 2, ..., L) for receiving signals transmitted by a plurality of remote units. From signals received by each of the antenna elements (41k) first weighing factors ($g(l)k$) are determined (49), for optimally selecting signal of a first remote unit (52i). A first radio signal (s_i) of the first communication unit (521) is provided by weighing (44) the received signals using the first weighing factors ($g(l)k$). For a further radio communication unit (52); further weighing factors ($g(i)k$) are determined. A corrected further radio signal (s'_i) is provided each time by subtracting (46) from the further radio signal (S_i), previously obtained corrected radio signal (S'_{i-1} , S''_{i-1} , ...) weighed by the further weighing factors ($g(i)k$), till a stop criterium has been satisfied.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.1196/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :06/03/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : "ENTRAPPED STEM CELLS AND USES THEREOF."

(51) International classification	:C12N
(31) Priority Document No	:10/655, 275
(32) Priority Date	:04/09/2003
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2004/025713
Filing Date	:09/08/2004
(87) International Publication No	:WO 2005/026320
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)THE ROGOSIN INSTITUTE
Address of Applicant :505 EAST 70TH STREET, NEW YORK, NY
10021, U.S.A. U.S.A.

(72)**Name of Inventor :**
1)CONN BRYAN
2)SMITH BARRY
3)RUBIN ALBERT L.,
4)STENZEL KURT

(57) Abstract :

The invention relates to the stem cells, embryonic stem cells in particular. It has been found that, when these stem cells are entrapped such that their proliferation is inhibited, they produce material which inhibits the proliferation of other, non-entrapped cells, including stem cells and neoplastic and/or hyperproliferative, but otherwise normal cells. It has also been found that entrapped cancer cells will produce material which inhibits the proliferation of stem cells. Further, it has been found that the entrapment of the stem cells inhibits their differentiation and thus the entrapment process can serve as a long-term storage device for maintaining the undifferentiated state of at least a portion of the entrapped cells.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1197/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :06/03/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : "BACKWASH"

(51) International classification	:B01D 65/02
(31) Priority Document No	:2003904748
(32) Priority Date	:29/08/2003
(33) Name of priority country	:Australia
(86) International Application No	:PCT/AU2004/001157
Filing Date	:27/08/2004
(87) International Publication No	:WO 2005/021140
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)U.S. FILTER WASTEWATER GROUP INC.
Address of Applicant :181 THORN HILL ROAD, WARRENDALE,
PA 15086 USA. U.S.A.

(72)**Name of Inventor :**
1)JOHNSON WARREN THOMAS
2)BECK THOMAS WILLIAM
3)ZHA FUFANG
4)LAZAREDES HUW ALEXANDER
5)CAO ZHIYI

(57) Abstract :

A method of backwashing a membrane filtration module (4), said module (4) including one or more membranes (5) located in a feed-containing vessel (3), the membranes (5) having a permeable wall which is subjected to a filtration operation wherein feed containing contaminant matter is applied to one side of the membrane wall and filtrate is withdrawn from the other side of the membrane wall, the method including: removing liquid from the feed-containing vessel (3) until the level of liquid in the feed-containing vessel (3) falls to a first level (L2) below an upper level of the membranes; suspending the filtration operation; performing a liquid backwash of the membrane wall until liquid level within the feed-containing vessel (3) rises to a second predetermined level (L1) above said first level; aerating the membrane surface with gas bubbles to dislodge fouling materials there from; performing a sweep or drain down of the feed-containing vessel (3) to remove the liquid containing the dislodged contaminant matter; and recommencing the filtration operation.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.12/DELNP/2007 A

(19) INDIA

(22) Date of filing of Application :02/01/2007

(43) Publication Date : 22/06/2007

(54) Title of the invention : "ALPHA-AMINO ACID DERIVATIVES WITH ANTIINFLAMMATORY ACTIVITY"

(51) International classification	:C07C259/04; A61K31/16; A61P29/00	(71)Name of Applicant : 1)ITALFAMACO SPA Address of Applicant :VIALE TESTI 330, I-20126 MILANO, ITALY Italy
(31) Priority Document No	:MI2004A001347	(72)Name of Inventor :
(32) Priority Date	:05/07/2004	1)PINORI MASSIMO
(33) Name of priority country	:Italy	2)MAZZAFERRO, ROCCO
(86) International Application No	:PCT/EP2005/052597	3)MASCAGNI, PAOLO
Filing Date	:07/07/2005	
(87) International Publication No	:WO 2006/003068	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Compounds of the formula (I) are described in which Z, Q, X, L, m and n assume the meanings stated in the description. The compounds (I) inhibit the production of TNF a and may thus be useful in the treatment of inflammation and pathological conditions involving overproduction of said cytokine. They furthermore exhibit significant inhibitory activity on the proliferation of tumour cells and may thus be used for the treatment and/or prevention of tumorous, neurodegenerative or autoimmune disorders.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2131/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :19/04/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : "SELF-LOCKING SAFETY DISPOSABLE SYRINGE WITH NEEDLE PROTECTION AFTER USE"

(51) International classification	:A61M 5/32
(31) Priority Document No	:PR2003A000105
(32) Priority Date	:03/12/2003
(33) Name of priority country	:Italy
(86) International Application No	:PCT/EP2004/012704
Filing Date	:10/11/2004
(87) International Publication No	:WO 2005/053779
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)RMB ERGON S.R.L.
Address of Applicant :VIA DI TIGLIO, 487-LOC.SUN LEONARDO
TREPONZIO-55012 CAPANNORI(LU),ITALY. Italy
(72)**Name of Inventor :**
1)RIZZO ALBERTO

(57) Abstract :

The application refers to the field of self-locking safety disposable syringes with needle protection after use. The syringe comprises a hollow barrel (1) ending on its lower side with an international seat (2) adapted to receive a hub (3) carrying a cannula (4). A hollow driving rod (5) adapted to house a spring (6) is inserted in the hollow barrel (1). Such rod (5) is closed at its lower end by an extracting element (8) that can slide into the hollow driving rod (5). The extracting element (8) has an annular notch (9) in which a sealing ring rubber gasket (10) is housed that seals the internal wall of the hollow barrel (1). The extracting element (8) with related sealing ring gasket (10) form a liquid sucking and compressing plunger.

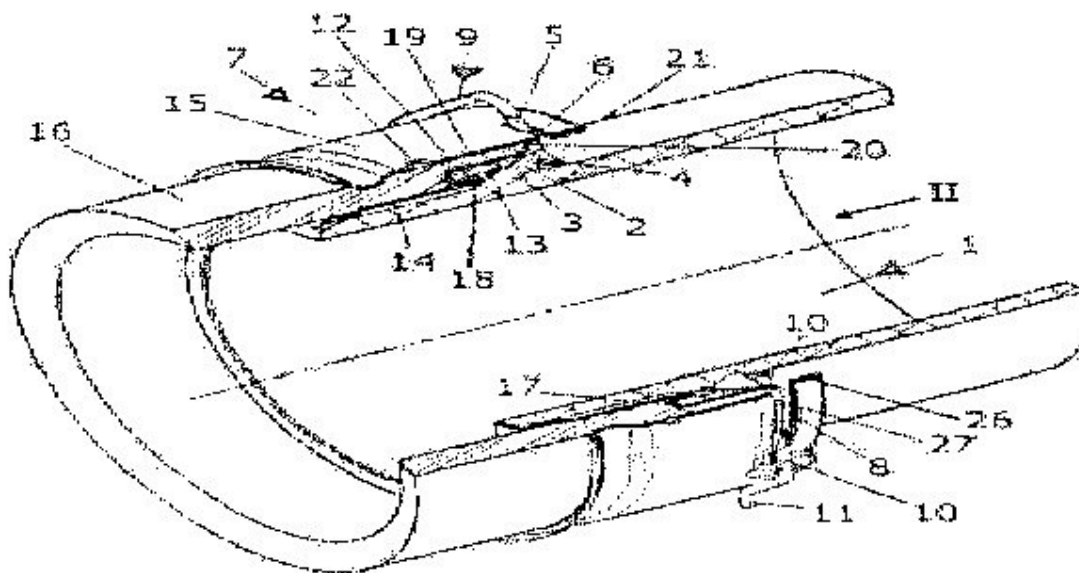
(54) Title of the invention : "PLUG-IN CONNECTION FOR PIPE AND HOSE LINES WITH REINFORCED MATERIAL CROSS-SECTION"

(51) International classification :F16L 37/088
 (31) Priority Document No :103 47 929.5
 (32) Priority Date :15/10/2003
 (33) Name of priority country :Germany
 (86) International Application No :PCT/EP2004/001886
 Filing Date :26/02/2004
 (87) International Publication No :WO 2005/047751
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :
1)HENN GMBH & CO. KG.
 Address of Applicant :STEINEBACH 18, A-6850 DORNBIRN,
 AUSTRIA. Austria
 (72)Name of Inventor :
1)HARALD HARTMANN

(57) Abstract :

The invention relates to a plug connection for pipe and hose lines with a reinforced trvaerial cross-section. Said connection consists of a neck that forms a! lease one detent collar and a connector that can be engaged with the neck and has at least one cleteni spring with ceteru limbs, the laiter locking behind at [east one of the detent cellars of the neck. In order for the connector; absorb mtcnst: detent forces, it is characterized by at leas; a double wall in die vicinity of the detent spring openings.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.2125/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :19/04/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : "NEW PROCESS FOR PREPARING AN OPTICALLY PURE-2-MORPHINOL DERIVATIVE"

(51) International classification :C07D 265/32
(31) Priority Document No :0325055.2
(32) Priority Date :27/10/2003
(33) Name of priority country :U.K.
(86) International Application No :PCT/EP2004/012093
Filing Date :25/10/2004
(87) International Publication No :WO 2005/040140
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)SMITHKLINE BEECHAM CORPORATION

Address of Applicant :ONE FRANKLIN PLAZA, P.O.BOX 7929,
PHILADELPHIA, PENNSYLVANIA 19101, UNITED STATES OF
AMERICA. U.S.A.

(72)Name of Inventor :

1)PHILIPPE ADAM

2)OLIVIER LUDEMANN-HOMBOURGER

3)ELIAS NDZIE

4)DAVID SIMON ROSS

5)MIREILLE SCHAEFFER

6)CRISTINA SUTEU

(57) Abstract :

The present invention relates to a process for preparing optically pure (+)-(2S, 3S)-2-(3-chlorophenyl)-3,5,5-trimethyl-2-morpholinol and pharmaceutically acceptable salts and solvates from a mixture of (+)-(2S, 3S)-2-(3-chlorophenyl)-3,5,5-trimethyl-2-morpholinol and (-)-(2R, 3R)-2-(3-chlorophenyl)-3,5,5-trimethyl-2-morpholinol. The process utilizes continuous chromatography, including techniques like Multi Column Chromatography (MCC), VARICOL, and Cyclojet.

(54) Title of the invention : "CONTROL METHOD AND CONTROL APPARATUS OF INTERNAL COMBUSTION ENGINE"

(51) International classification	:F02D 13/02
(31) Priority Document No	:2004-012494
(32) Priority Date	:20/01/2004
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2005/001032
Filing Date	:20/01/2005
(87) International Publication No	:WO 2005/068808
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)HONDA MOTOR CO.,LTD.,
 Address of Applicant :1-1,MINAMI-AOYAMA 2-CHOME,
 MINATO-KU,TOKYO 107-8556, JAPAN. Japan

(72)**Name of Inventor :**
1)KAZUYA TANABE
2)TAKASHI TSUTSUMIZAKI
3)YUTAKA INOMOTO
4)KOSUKE TSUNASHIMA

(57) Abstract :

An internal combustion engine includes a throttle controlling mechanism; a valve characteristic varying mechanism which controls an internal EGR rate by the control of an overlap period Pa and a non-overlap period Pb; and an output setting means which sets a required amount of engine output. The throttle controlling mechanism controls an opening degree of a throttle valve to fully open the throttle valve at a predetermined load Da with an increase in an operating amount D in a first load range Fa which covers load range below the predetermined load Da in a low-load range, and to keeps the throttle valve fully opened in a second load range Fb which covers a load range over the predetermined load Da. The valve characteristic varying mechanism controls the engine output by controlling the overlap period Pa or the non-overlap period Pb according to the required amount D over the entire load range, and controls valve operation characteristics to obtain a maximum internal EGR rate at the predetermined load Da.

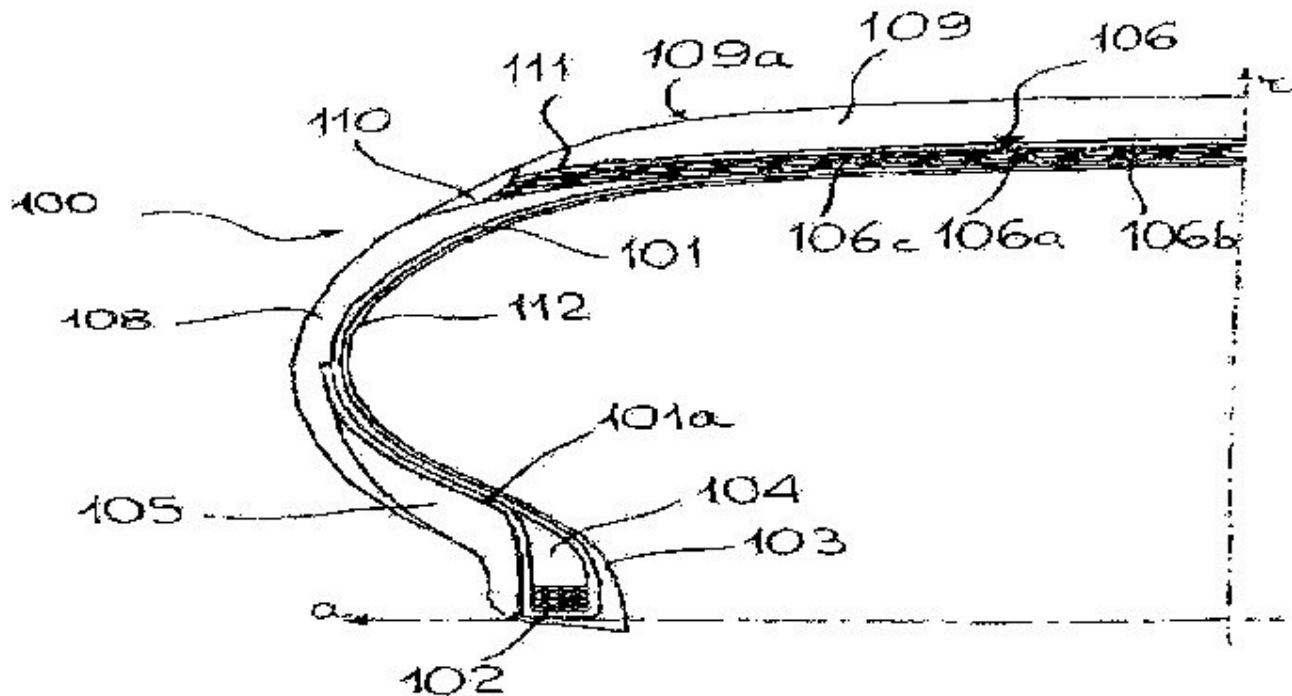
(54) Title of the invention : "HIGH- PERFORMANCE TYRE FOR VEHICLE WHEELS"

(51) International classification :B60C 11/00
 (31) Priority Document No :NA
 (32) Priority Date :NA
 (33) Name of priority country :NA
 (86) International Application No :PCT/EP2003/012137
 Filing Date :31/10/2003
 (87) International Publication No :WO 2005/049340
 A1
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :
1)PIRELLI PNEUMATICI
 Address of Applicant :VIALE SARCA, 222,1-20126
 MIANO,ITALY, Italy
 (72)Name of Inventor :
1)LUCA GIANNINI
2)LUIGI FINO
3)MAURIZIO GALIMBERTI
4)STEFANO BIZZI

(57) Abstract :

Tyre (100) for vehicle wheels, comprising: a carcass structure (101) shaped in a substantially toroidal configuration, the opposite lateral edge of which mb associated with respective right-Hand and left-hand bead wires (102) to form respective beads; - a belt structure (106) applied in a radially external position with respect to said carcass structure a treat band (109) radially structure, - a tread bend (109) radially superimposed on said belt structure; - at least one layer of crosslinked elastomeric material (111) applied In a radially internal position with respect to said tread band: - a pair of sidewalk (108) applied laterally on opposite sides with respect to said carcass structure: wherein said at least one layer of crosslinked elastomeric material has the following characteristics: - a dynamic elastic modulus (E), measured at 700C, not lower than 20 MPa, preferably of from 25 MPa to 50 MPa; -a ratio between tensile modulus at 100% elongation (M100) and tensile modulus at10% elongation (M10) not lower than 1.5, preferably of from 2 to 5. Preferably said at least one layer of crosslinked elastomeric material is placed between said tread band and said belt structure.



(54) Title of the invention : METHOD FOR POSITION DETERMINATION OF MOBILE STATIONS.

(51) International classification	:H04Q 7/38
(31) Priority Document No	:0302636-6
(32) Priority Date	:02/10/2003
(33) Name of priority country	:Sweden
(86) International Application No	:PCT/SE2004/001328
Filing Date	:15/09/2004
(87) International Publication No	:WO 2005/032202
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)TELEFONAKTIEBOLAET LM ERICSSON (PUBL)

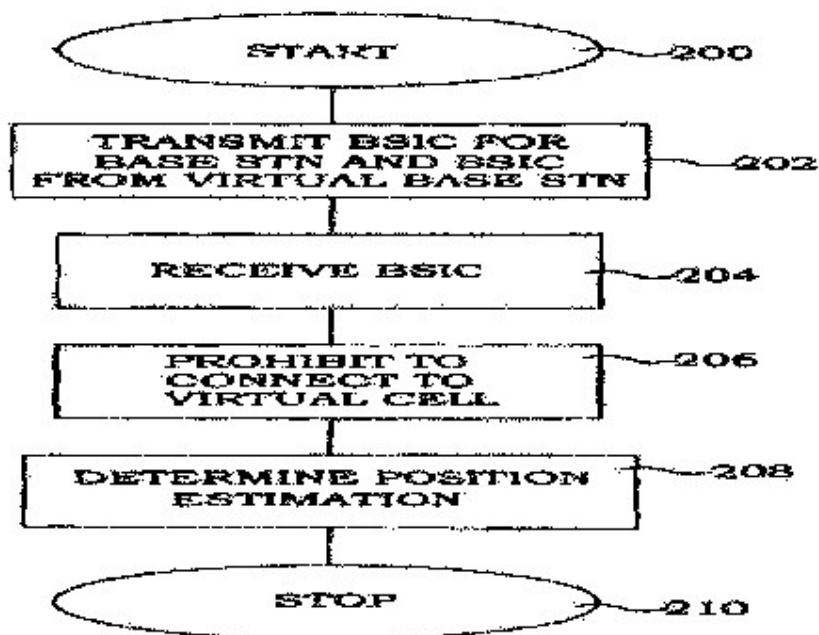
Address of Applicant :S-164 83 Stockholm, Sweden Sweden

(72)Name of Inventor :

1)BOLIN JOHAN**2)KANGAS ARI****3)JOHANSSON RUNE**

(57) Abstract :

In a cellular communications network (10), additional control signals comprising virtual base station identification data are distributed in the radio system from well defined locations by e.g. transmitters (7A-G). Since there is a connection between each virtual base station identification data and the location from where it is transmitted, a mobile terminal (6) can use the information for improving its position estimation according to conventional procedures. No modifications of the mobile terminals (6) are therefore necessary. The mobile terminal (6) is not able to connect to the communications system (10) using the virtual base station identification data, since this data only is intended for position estimating purposes. In such a way, the devices for providing the additional information necessary for the improved position estimation can be made very simple and inexpensive.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.2041/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :13/04/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : "PELLETS CONTAINING VENLAFAXINE HYDROCHLORIDE"

(51) International classification	:A61K 31/137
(31) Priority Document No	:P0303382
(32) Priority Date	:10/10/2003
(33) Name of priority country	:Hungary
(86) International Application No	:PCT/HU2004/000095
Filing Date	:08/10/2004
(87) International Publication No	:WO 2005/034930
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)EGIS GYOGYSZERGYAR RT
Address of Applicant :Kereszturi ut 30-38, H-1106 Budapest
Hungary, Hungary
(72)**Name of Inventor :**
1)FEKETE PAL
2)KORBELY TIBOR
3)BOZSO AGNES
4)MORICZ ESZTER

(57) Abstract :

The invention relates to pellets containing venlafaxine hydrochloride and a process for the preparation thereof The pellets according to the invention are nearly spherical in shape and comprise pharmaceutically active venlafaxine hydrochloride in an amount of at most 80 % by weight, furthermore 10 to 60 % by weight of sodium chloride and/or potassium chloride 10 to 60 % by weight of microcrystalline cellulose and optionally other pharmaceutically acceptable excipients and/or pelletization promoting additives. Said pellets are particularly suitable to be coated with a layer ensuring a controlled release of the active ingredient

(54) Title of the invention : "LIFTING MACHINE"

(51) International classification :B66C 23/76
 (31) Priority Document No :03405677.0
 (32) Priority Date :15/09/2003
 (33) Name of priority country :EUROPEAN UNION
 (86) International Application No :PCT/CH2004/000577
 Filing Date :14/09/2004
 (87) International Publication No :WO 2005/026036
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

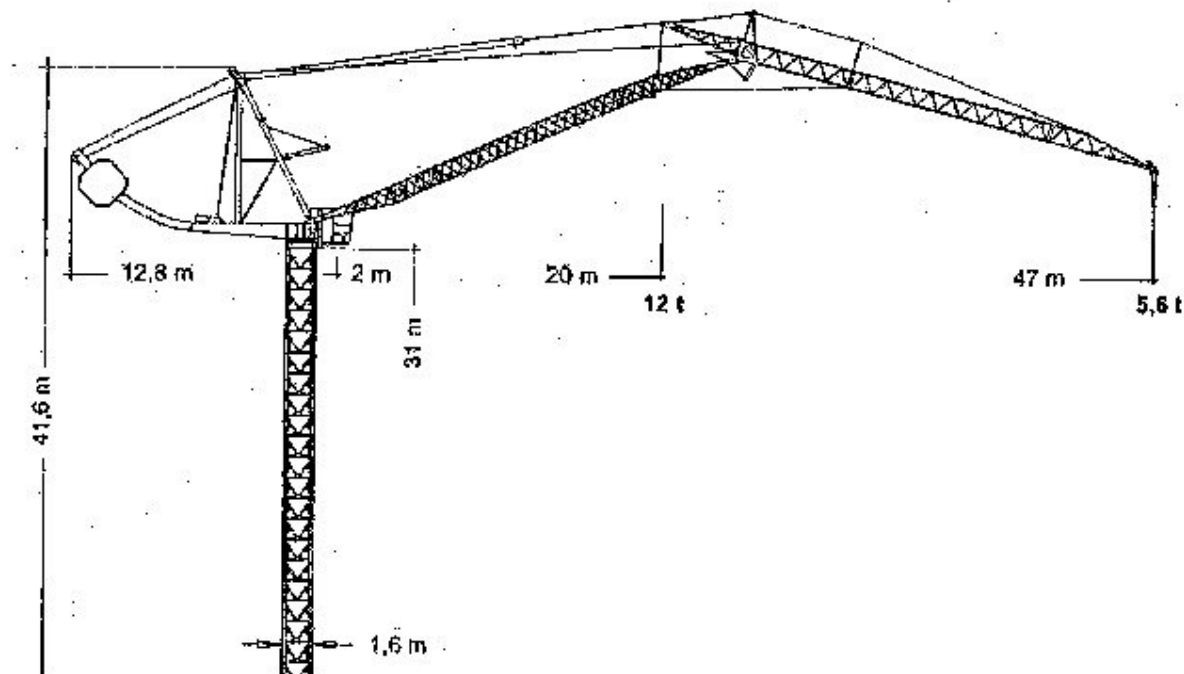
1)YERLY JEAN-MARCAddress of Applicant :Zhone Industrielle A, CH-1564 Domdidier
Switzerland Switzerland

(72)Name of Inventor :

1)YERLY JEAN-MARC

(57) Abstract :

A machine for lifting and handling loads with an orientable articulated placing jib, comprising a mast with a rotating pivot, an articulated jib (16) comprising a jib foot (19), articulated at its first end on the top of the mast by a horizontal rotation axis (27), a jib head member (18) articulated for rotation by a horizontal articulation axis (32) at the second end of the jib foot, a jib holding assembly comprising at least one stanchion (7), a jib holding line (11) and a moving counterweight (100) connected to the jib by the said holding line. The counterweight is made to follow a guiding track (1) with a variable slope (a), integral with the rotating pivot, supporting the said counterweight, arranged opposite to the jib, and where the variations in slope (a) are chosen so that the counterweight exerts a set of variable forces on the said jib and on the structure of the said machine, helping to balance the machine during movements of deployment/retraction of the jib in articulated working mode.



(54) Title of the invention : IMPELLERS SUITABLE FOR USE IN FLUID PUMPS

(51) International classification :F04D 29/24
 (31) Priority Document No :PR 3699
 (32) Priority Date :13/03/2001
 (33) Name of priority country :Australia
 (86) International Application No :PCT/AU02/00270
 Filing Date :08/03/2002
 (87) International Publication No :WO 02/073040
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :1405/DELNP/2003
 Filed on :01/09/2003

(71)Name of Applicant :

1)DAVEY PRODUCTS PTY. LTD.

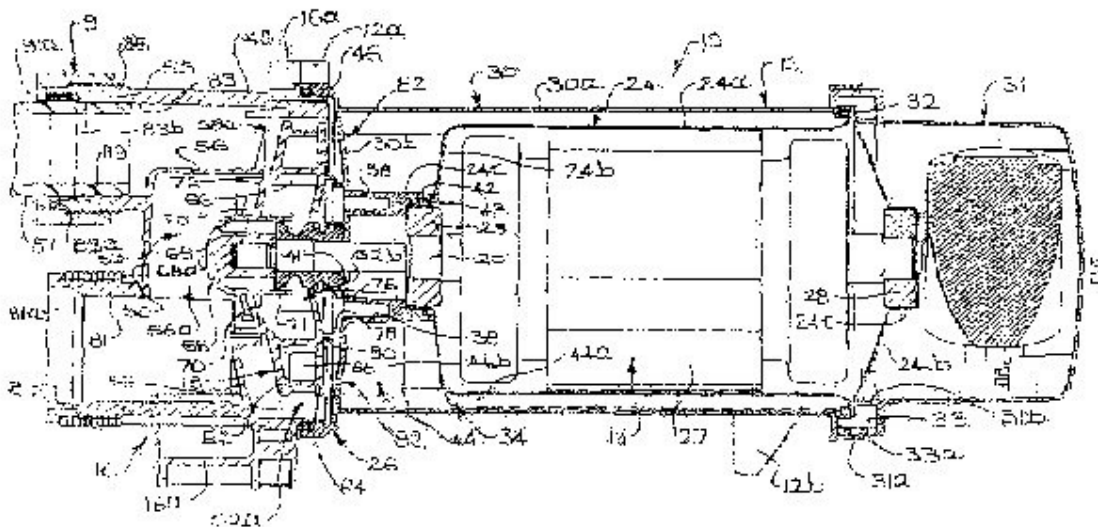
Address of Applicant :6 Lakeview Drive, Scoresby, Victoria 3179, Australia Australia

(72)Name of Inventor :

1)TERRY, SEAN RODERICK**2)LANCE, MARK ANDREW**

(57) Abstract :

A fluid pump (10) with a first sub-housing (12) having an electric motor (14) therein which is in line with a second sub-housing (16) having an impeller (18) therein, with the motor (14) having a rotor shaft (20) which extends through a seal (74) of the first sub-housing (12) into the second sub-housing (16), with the impeller (18) mounted on the rotor shaft (20) so as to be rotatable by the motor (14), and the second sub-housing (16) having inlet and outlet ports (81, 83). Impeller (18) has first and second annular plates (62, 64), which are axially, spaced, and angularly spaced, from the inner periphery of the first annular plate (62) and by which the impeller (18) is mountable on the shaft (20) for rotation therewith. The impeller (18) further includes a plurality of circumferentially spaced connectors (70) which extend between the first annular plate (62) and an outer peripheral surface of the hub (68) and which secure the hub (68) in relation to the first plate (62). An annular array of openings is defined between the inner edge of the first plate (62) and the hub (68) and between successive connectors (70) to enable fluid to be pumped to be drawn therethrough and into the space between the plates (62,64).



(12) PATENT APPLICATION PUBLICATION

(21) Application No.2132/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :19/04/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : "RICE AND PRODUCTS THEREOF HAVING STARCH WITH AN INCREASED PROPORTION OF AMYLOSE"

(51) International classification	:C12N 15/52
(31) Priority Document No	:60/515,102
(32) Priority Date	:27/10/2003
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/AU2004/001517
Filing Date	:27/10/2004
(87) International Publication No	:WO 2005/040381
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION
Address of Applicant :LIMESTONE AVENUE, CAMPBELL, AUSTRALIAN CAPITAL TERRITORY 2612,AUSTRALIA. Australia
(72)**Name of Inventor :**
1)ZHONGYI LI
2)SADEQUR RAHMAN
3)MATTHEW KENNEDY MORELL

(57) Abstract :

Rice having reduced levels of starch branching enzymes produce grain having a high relative amylose content in the endosperm. The rice grain of this invention can be of a non-shrunken phenotype despite a lesion in the amylopectin synthesis pathway and may be transgenic or nontransgenit.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2134/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :19/04/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : RECOMBINANT PLANTS EXPRESSING CIVPS OR INTEIN MODIFIED PROTEINS AND RELATED METHOD

(51) International classification	:A01H
(31) Priority Document No	:60/346,541
(32) Priority Date	:08/01/2002
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2003/000432
Filing Date	:07/01/2003
(87) International Publication No	:WO 2005/056904
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:
Filed on	:01/01/1900

(71)**Name of Applicant :**
1)RAAB, R. MICHAEL
Address of Applicant :1 FIFTH STREET, CAMBRIDGE, MA
02141,UNITED STATE OF AMERICA. U.S.A.
(72)**Name of Inventor :**
1)RAAB, R. MICHAEL

(57) Abstract :

Recombinant plants that express CIVPS or intein modified proteins, compositions of matter comprising them, products of diverse applications made from the recombinant plants, methods to construct the recombinant plants containing CIVPS or intein modified genes, methods to express CIVPS or intein modified proteins in plants, and methods of using the recombinant plants. 67

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3468/DELNP/2005 A

(19) INDIA

(22) Date of filing of Application :04/08/2005

(43) Publication Date : 22/06/2007

(54) Title of the invention : "FRACTIONATING AND FURTHER CRACKING A C6 FRACTION FROM A NAPHTHA FEED FOR PROPYLENE GENERATION"

(51) International classification	:C10G 11/05
(31) Priority Document No	:60/451,184
(32) Priority Date	:28/02/2003
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2004/004268
Filing Date	:13/02/2004
(87) International Publication No	:WO 2004/078883
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)EXXONMOBIL RESEARCH AND ENGINEERING COMPANY
Address of Applicant :1545 ROUTE 22 EAST, P.O. BOX 900, ANNANDALE, NEW JERSEY 08801-0900 U.S.A. U.S.A.

(72)**Name of Inventor :**
1)TAN-JEN CHEN
2)BRIAN ERIK HENRY
3)PAUL F. KEUSENKOTHEN
4)PHILIP A. RUZISKA

(57) Abstract :

The present invention relates to a process for selectively producing C3 olefins from a catalytically cracked or thermally cracked naphtha stream by fractionating the naphtha feed to obtain a C6 fraction and feeding the C6 fraction either in the riser downstream of the injection point for the remainder of the naphtha feed, in the stripper, and/or in the dilute phase immediately downstream or above the stripper of a process unit.

(54) Title of the invention : DISPENSING APPARATUS

(51) International classification :A61M 15/00
 (31) Priority Document No :0303094.7
 (32) Priority Date :11/02/2003
 (33) Name of priority country :U.K.
 (86) International Application No :PCT/GB2004/000547
 Filing Date :10/02/2004
 (87) International Publication No :WO 2004/071563
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

1)BESPAK PLC

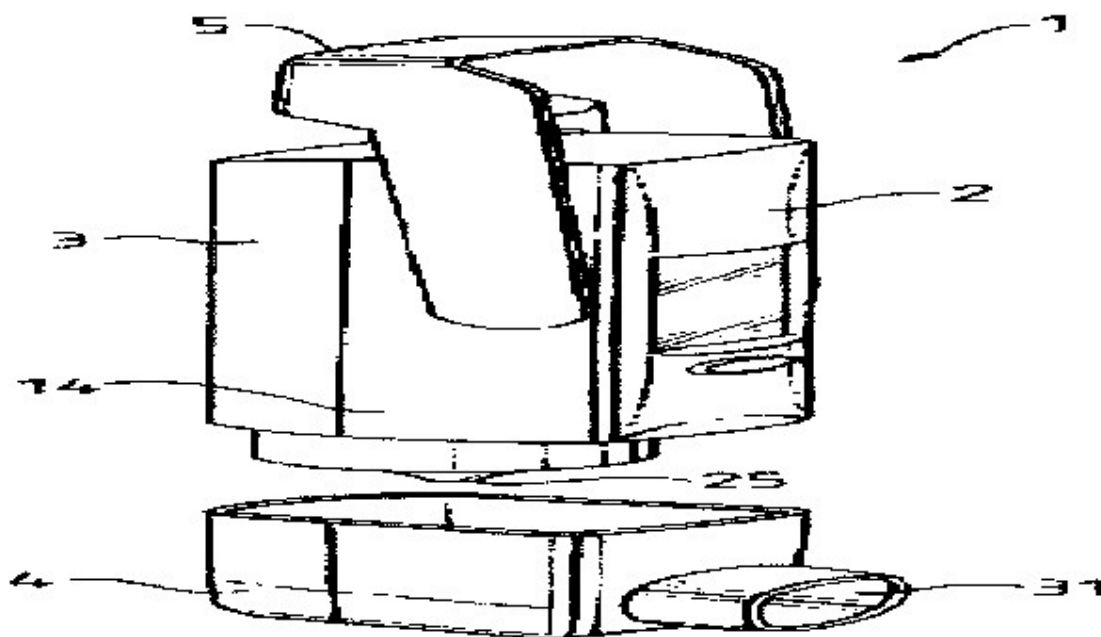
Address of Applicant :BERGEN WAY, NORTH LYNN
 INDUSTRIAL ESTATE, KING'S LYNN, NORFOLK, PE30 2JJ,
 UNITED KINGDOM. U.K.

(72)Name of Inventor :

1)JONES, MATTHEW MEREDITH**2)JONES, CHRISTOPHER JOHN****3)VEASEY, ROBERT FREDERICK**

(57) Abstract :

Dispensing apparatus comprising a housing having a first part (2) and a second part (3) together defining an interior of the housing for receiving a dispensing container, the first and second part being movable from an open position to permit insertion of said dispensing container into the interior of the housing to a closed position in which removal of said dispensing container from the interior of the housing is prevented, the dispensing apparatus further comprising a mouthpiece (4) which is removably connectable to the housing, wherein when connected to the housing the mouthpiece defines an outlet for a product dispensed, in use, from said dispensing container, and wherein when the mouthpiece is disconnected from the housing the first and second parts substantially enclose the interior to prevent access to and removal of said dispensing container received in the interior.

**FIG. 12**

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3742/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :29/06/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : FIXING DEVICE FOR CLAMPING THE ENDS OF A SURGICAL CABLE USED FOR FIXING BONE PARTS

(51) International classification	:A61B 17/82
(31) Priority Document No	:04075277.6
(32) Priority Date	:30/01/2004
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/EP2005/000936
Filing Date	:27/01/2005
(87) International Publication No	:WO 2005/074827
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)DSM IP ASSETS B.V.
Address of Applicant :HET OVERLOON 1, NL-6411 TE
HEERLEN, THE NETHERLANDS Netherlands
(72)**Name of Inventor :**
1)MARISSEN, ROELOF
2)WETZELS, KAREL, JOZEF

(57) Abstract :

Fixing device comprising (I) a surgical cable (16) having a first and a second end and (II) at least a first (2) and a second (4) fixing plate having a first (6) resp. second (8) central hole and a first (10) resp. second (12) ring surrounding said first resp. second hole, the circumference (20) of each fixing plate forming an outer edge of its ring and an inner edge of its ring being adjacent to the hole it surrounds, the first fixing plate being in a stacked position on top of the second plate leaving a gap (26) between the plates and the holes at least partly overlapping each other, wherein in the ring of one of the fixing plates in its surface facing the other fixing plate a continuous groove (50) is present running between the outer edge and the inner edge of said ring and in the ring of the other fixing plate, in its surface facing the one of the fixing plates a ridge (52) is present matching with said groove, and wherein the cable ends follow a continuous trajectory running around and between the plates and through the holes in such way that by drawing the cable ends the cable is tensioned around the bone parts and fixate these.

(54) Title of the invention : "METAL COMPLEXES USED AS LIGHT-ABSORBENT COMPOUNDS IN THE INFORMATION LAYER OF OPTICAL DATA CARRIERS "

(51) International classification :C07D 417/12
 (31) Priority Document No :10 2004 002 758.7
 (32) Priority Date :20/01/2004
 (33) Name of priority country :Germany
 (86) International Application No :PCT/EP2005/000362
 Filing Date :15/01/2005
 (87) International Publication No :WO 2005/068459
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

1)LANXESS DEUTSCHLAND GMBH.

Address of Applicant :51369 LEVERKUSEN, GERMANY.

Germany

(72)Name of Inventor :

1)HORST BERNETH

2)KARIN HASSENBUCK

3)CHRISTA-MARIA KRUGER

4)JOSEF-WALTER STAWITZ

5)TIMO MEYER-FRIEDRICHSEN

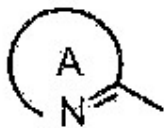
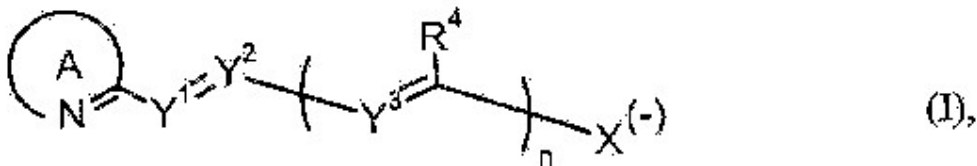
6)FRIEDRICH-KARL BRUDER

7)RAFAEL OSER

8)SERGUEI KOSTROMINE

(57) Abstract :

Optical data carriers comprising a preferably transparent substrate which may, if desired, have previously been coated with one or more reflection layers and to whose surface a light-writable information layer, if desired one or more reflection layers and if desired a protective layer or a further substrate and a covering layer have been applied, which can be written on or read by means of blue light, preferably light having a wavelength in the range 360-460 nm, in particular from 390 to 420 nm, very particularly preferably from 400 to 410 nm, preferably laser light, where the information layer comprises a light-absorbent compound and, if desired, a binder, characterized in that at least one metal complex having at least one ligand of the formula (I) where the radical of the formula (hereinafter referred to as A for short) is a substituted or unsubstituted and/or benzo- or naphtho-fused five- or six-membered aromatic or pseudoaromatic or partially hydrogenated heterocyclic radical, n is 0 or 1, Y1 is N or C-R1, Y2 is N or C-R2, Y3 is N or C-R3, X is O, S or N-R5, R5 is hydrogen, alkyl, alkenyl, aralkyl, cycloalkyl, acyl, aryl or a heterocyclic radical,



(12) PATENT APPLICATION PUBLICATION

(21) Application No.3763/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :30/06/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : "SYSTEM COMPUTER PROGRAM AND METHOD FOR 3D OBJECT MEASUREMENT, MODELING AND MAPPING FROM SINGLE IMAGERY"

(51) International classification :G01C 11/04
(31) Priority Document No :2,455,359
(32) Priority Date :16/01/2004
(33) Name of priority country :Canada
(86) International Application No :PCT/CA2005/000043
Filing Date :14/01/2005
(87) International Publication No :WO 2005/068936
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)MICROSOFT AMALGAMATED COMPANY
Address of Applicant :4850 KEELE STREET, 2ND FLOOR,
TORONTO, ONTARIO, M3J 3K1, CANADA. Canada
(72)**Name of Inventor :**
1)VINCENT C. TAO
2)YONG HU
3)PETER LENSON
4)ARIE CROITORU
5)WANSHOU JIANG

(57) Abstract :

A method for deriving three-dimensional measurement information and/or creating three-dimensional models and maps, from single images of at least one three-dimensional object is provided. The method includes the steps of: (a) obtaining at least one two--dimensional single image of the object, the image consisting of image data and being associated with an image geometry model (IGM); (b) deriving three-dimensional coordinate information associated with the image, based on the IGM, and associating the three-dimensional coordinate information with the image data; (c) analyzing the image data so as to: (i) measure the projection of the object using the IGM to derive measurement data including the height and/or point-to-point distances pertaining to the object; and/or (ii) measure the shadow of the object to derive measurement data including the height and/or point-to-point distance pertaining to the object; and (d) obtaining three-dimensional measurements based on the projection and/or shadow measurements of the object. In another aspect of the method, the method includes the further step of creating three-dimensional models or maps based on the projection and/or shadow measurements. A series of algorithms are also provided for processing the method of the invention. A computer system and related computer program for deriving three-dimensional measurement information and/or creating three-dimensional models and maps, from single images of at least one three-dimensional object is provided based on the disclosed method is also provided.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3764/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :30/06/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : "AUTOMATIC MONITORING AND STATISTICAL ANALYSIS OF DYNAMIC PROCESS METRICS TO EXPOSE MEANINGFUL CHANGES"

(51) International classification :G06F 17/30
(31) Priority Document No :60/531,347
(32) Priority Date :19/12/2003
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2004/042692
Filing Date :17/12/2004
(87) International Publication No :WO 2005/060687
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)PROCLARITY INC
Address of Applicant :500 SOUTH 10TH STREET, BOISE, IDAHO
83701, USA, U.S.A.
(72)**Name of Inventor :**
1)ROBERT C. LOKKEN

(57) Abstract :

A selection module allows a user to specify at least one measure to be monitored in at least one dimension of a dimensional hierarchy. A control limit calculator extracts, for each specified measure and for each specified dimension, a time series from a multidimensional database for the specified measure in the specified dimension and automatically calculates one or more control limits for the specified measure in the specified dimension based on the extracted time series using a Statistical Process Control (SPC) technique. Thereafter, a monitoring module monitors newly acquired data including each specified measure in each specified dimension for an out-of-limits condition based on one or more automatically-calculated control limits. An alert module triggers an alert in response to an out-of-limits condition being detected.

(54) Title of the invention : "A CONNECTOR AND CONNECTOR ASSEMBLY"

(51) International classification	:H01R13/40; H01R13/40;	(71)Name of Applicant :
(31) Priority Document No	:JP2005- 285116	1)SUMITOMO WIRING SYSTEMS, LTD Address of Applicant :1-14, Nishisuehiro-cho Yokkaichi city, Mie 510-8503, Japan, Japan
(32) Priority Date	:29/09/2005	(72)Name of Inventor :
(33) Name of priority country	:Japan	1)MASAYASU FUJII
(86) International Application No	:NA	2)TOSHIKAZU SAKURAI
Filing Date	:NA	3)ATSUSHI SAKATANI
(87) International Publication No	:NILL	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

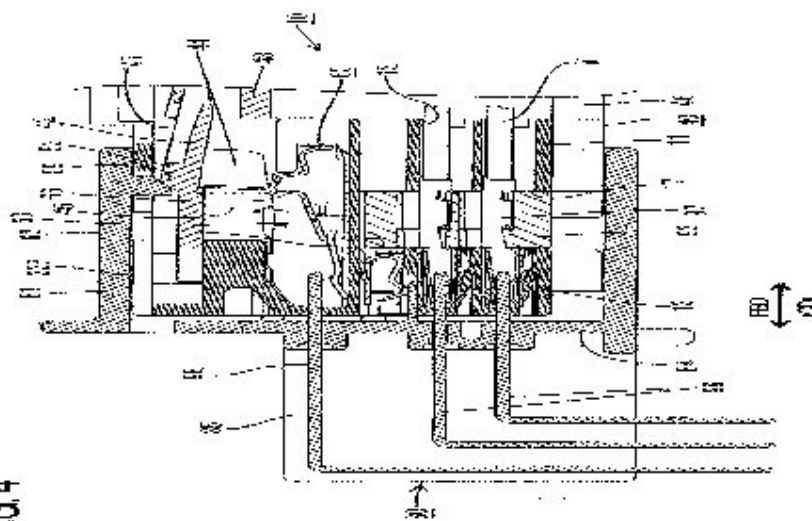
ABSTRACT OF THE INVENTION An object of the present invention is to electrically detect whether or not both connector housings have been properly connected in a lever-type connector. A lever 40 formed with a cam groove 41 is rotatably mounted and a detecting terminal 60 is mounted in a female connector housing 10. The detecting terminal 60 comes into contact with contact terminals 98 assembled in the female connector housing 10 to close a detecting circuit only when the both connector housings 10, 80 are properly connected. A pressing portion 44 is formed to project in a part of a cam plate 47 of the lever 40 facing the detecting terminal 60, and keeps pressing the detecting terminal 60 to resiliency deform the detecting terminal 60 to a position where the detecting terminal 60 is separated from the contact terminals 98 while the lever 40 is rotated until the both connector housings 10, 80 are properly connected. When the lever 40 is rotated up to a position where the both connector housings 10, 80 are properly connected, the pressed state is canceled to enable the detecting terminal 60 to come into contact with the contact terminals 98.

SUMITOMO WIRING SYSTEMS LTD.

No.

ORIGINAL

FIG. 4



S 8947FU 4/30

 (H. KOMORI)
 FOR SUMITOMO WIRING SYSTEMS LTD.
 ATTORNEY FOR THE APPLICANT

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2274/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :25/04/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : "NOVEL METHOD OF PREPARING 3- FLUORINATED QUINOLINES"

(51) International classification	:C07D 215/18
(31) Priority Document No	:03 13 384
(32) Priority Date	:17/11/2003
(33) Name of priority country	:France
(86) International Application No	:PCT/FR2004/002910
Filing Date	:15/11/2004
(87) International Publication No	:WO 2005/049575
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)NOVEXEL

Address of Applicant :102, Route de Noisy, F-93230 Romainville, France. France

(72)Name of Inventor :

1)YOUSSEF EL-AHMAD

2)JEAN-PIERRE; LECONTE,

3)JOEL MALPART

4)SERGE MIGNANI

5)STEPHANE MUTTI

6)MICHEL TABART

(57) Abstract :

The invention relates to a novel method of preparing 3-fluorinated quinolines having formula (I) The invention is characterised in that a compound having general formula (IV) is subjected to Hofmann degradation in order to produce a compound having general formula (III), which is treated in conditions such as to form the diazonium salt having general formula (II), which is in turn heated in an inert organic solvent.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2275/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :25/04/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : "USEFUL IMMUNOTHERAPEUTIC AGENT FOR THE COMBINED TREATMENT OF TUBERCULOSIS IN ASSOCIATION WITH OTHER DRUGS"

(51) International classification	:A61K 39/04
(31) Priority Document No	:P-200302551
(32) Priority Date	:31/10/2003
(33) Name of priority country	:Spain
(86) International Application No	:PCT/ES2004/000482
Filing Date	:29/10/2004
(87) International Publication No	:WO 2005/042013
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)ARCHIVEL TECHNOLOGIES, S.L.
Address of Applicant :Ctra. de la Mata, 97-Edif,Matamar 2, P.I.
Mata-Rocafonda, E-08304 Mataro, Barcelona, Spain. Spain
(72)**Name of Inventor :**
1)PERE JOAN CARDONA IGLESIAS
2)ISABEL MATA RIERA,

(57) Abstract :

The invention relates to an immunotherpaic agent which is based on call wall fragments from a virulent strain of My-cabacterium tubeeculosis, to a method of obtaining said agent,to pharmaceutical formulations containing same and to the use there of for the preparation of a medicament that is intended for the combined treatment of tuberculosis together with other pharmaceuticals.

(54) Title of the invention : "FOUR-WHEELED VEHICLE"

(51) International classification	:B62K 5/08
(31) Priority Document No	:MI2003A 002532
(32) Priority Date	:19/12/2003
(33) Name of priority country	:Italy
(86) International Application No	:PCT/EP2004/014578
Filing Date	:20/12/2004
(87) International Publication No	:WO 2005/058680
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

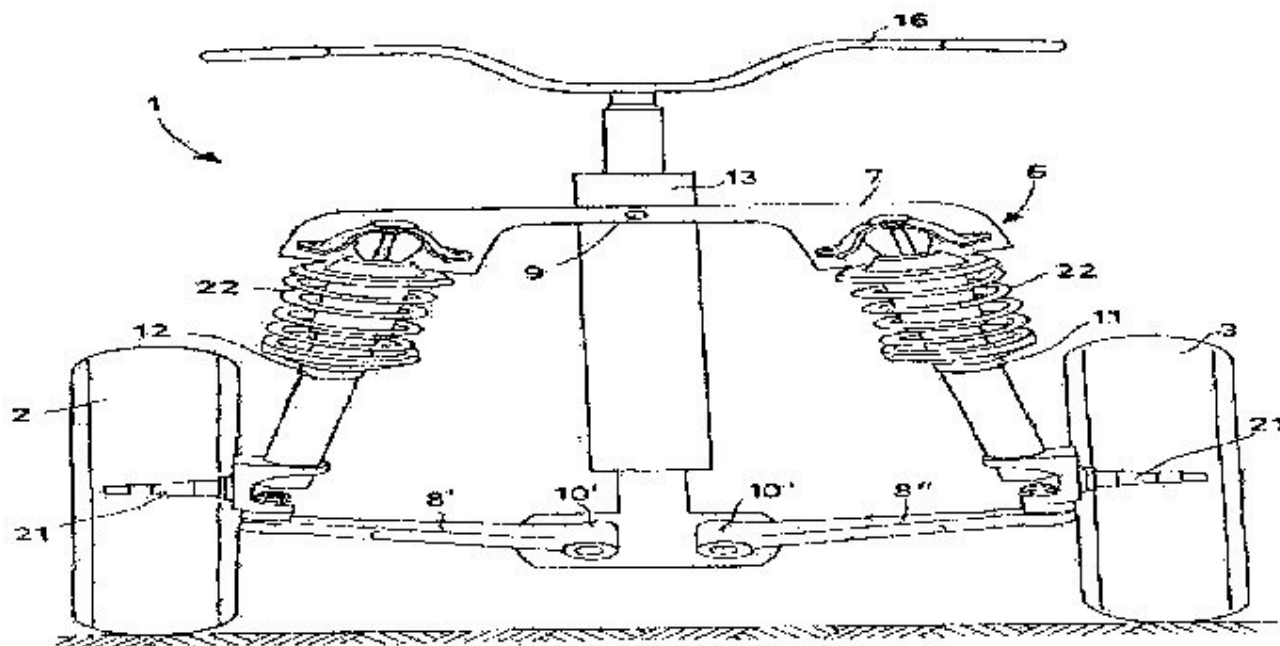
(71)Name of Applicant :
1)PIAGGIO & C. S.P.A.
 Address of Applicant :Viale Rinaldo Piaggio, 25, I-56025
 Pontedera,Italy. Italy

(72)Name of Inventor :
1)MAURIZIO MARCACCI

(57) Abstract :

Four-wheeled vehicle (1) of the type equipped with two steered front wheels (2, 3), a frame (13), handlebars (16), two rear wheels (4,5) and a front suspension group (6) that acts upon the two front wheels (2, 3) . The front suspension group (6) allows the rolling of the vehicle (1).

TITLE: FOUR-WHEELED VEHICLE



(12) PATENT APPLICATION PUBLICATION

(21) Application No.2278/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :25/04/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : "MULTI-OUTLET CASTING NOZZLE"

(51) International classification	:B22D 41/50
(31) Priority Document No	:60/520,613
(32) Priority Date	:17/11/2003
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2004/038585
Filing Date	:17/11/2004
(87) International Publication No	:WO 2005/049249
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)VESUVIUS CRUCIBLE COMPANY
Address of Applicant :103 FOULK ROAD, SUITE 32,
WILMINGTON, DE 19803, U.S.A. U.S.A.

(72)**Name of Inventor :**
1)JOHAN L. RICHAUD
2)LAWRENCE J. HEASLIP
3)JAMES DORRICOTT
4)DONG XU

(57) Abstract :

The present invention concerns a submerged entry nozzle for use in the continuous casting of liquid metal. The nozzle comprises a central bore and a plurality of pairs of discharge outlets. The cross-sectional area of the central bore decreases between pairs of discharge outlets, such that ratio of height to width of any outlet is one or less.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2279/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :25/04/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : PROCESS FOR THE PREPARATION OF UREA GRANULES.

(51) International classification	:B01J 2/16
(31) Priority Document No	:03078522.4
(32) Priority Date	:10/11/2003
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/EP2004/011678
Filing Date	:15/10/2004
(87) International Publication No	:WO 2005/049193
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)DSM IP ASSETS B.V.
Address of Applicant :Het Overloon 1, NL-6411 TE Heerlen (NL)
The Netherlands. Netherlands

(72)**Name of Inventor :**
1)MUTSERS, Stanislaus, Martinus, Petrus

(57) Abstract :

Process for the preparation of urea granules in a fluid-bed granulator, by using at least one feeding device to feed a urea melt in the form of a film to a fluidized bed of solid urea nuclei, upon which the nuclei grow by solidification of the urea melt on the nuclei, in which the amounts of biuret and water in the urea melt and in the urea granules fulfill the following relation (I) wherein bm= the % by weight of biuret in the urea melt; bg= the % by weight of biuret in the urea granules; wm= the % by weight of water in the urea melt; wg= the % by weight of water in the urea granules.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3743/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :29/06/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : PROCESS FOR MANUFACTURING A PROSTHETIC JOINT

(51) International classification	:B29C 43/00
(31) Priority Document No	:1025176
(32) Priority Date	:07/01/2004
(33) Name of priority country	:Netherlands
(86) International Application No	:PCT/NL2005/000005
Filing Date	:07/01/2005
(87) International Publication No	:WO 2005/065911
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)DSM IP ASSETS B.V.

Address of Applicant :HET OVERLOON 1, NL-6411 TE
HEERLEN, THE NETHERLANDS. Netherlands

(72)Name of Inventor :

1)MARISSEN, ROELOF

2)SMIT, LEO

3)SNIJDER, CARINA SACHA

(57) Abstract :

The application relates to a process for manufacturing a prosthetic joint with at least one loaded surface which consists at least partially of polyethylene, comprising compressing one or more layers of a woven fabric of drawn gel-spun polyethylene fibres into the desired shape in a hollow mould part using a plug at a pressure of at least 0.05 MPa and at a temperature of between 120 and 165 DEG C and below the crystalline melting point of the polyethylene at the prevailing temperature and pressure, without a matrix material being present, and at least the woven fabric in a layer situated on a loaded surface comprising at least 90wt % of fibres with a titre of at most 1000 denier, and to a prosthetic joint with a crease-free surface.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3744/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :29/06/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : INTEGRASE FUSION PROTEINS AND THEIR USE WITH INTEGRATING GENE THERAPY

(51) International classification	:C12N 15/867
(31) Priority Document No	:0400814.0
(32) Priority Date	:14/01/2004
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/GB2005/000115
Filing Date	:14/01/2005
(87) International Publication No	:WO 2005/068641
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)ARK THERAPEUTICS LTD.
Address of Applicant :79 NEW CAVENDISH ROAD, LONDON,
W1W 6XB, UK. U.K.

(72)**Name of Inventor :**
1)AHLROTH, MERVI
2)SCHENKWEIN, DIANA
3)AIRENNE, KARI
4)YLA-HERTTUALA, SEPPO
5)LAITINEN, OLLI

(57) Abstract :

In a method of targeting integration of a transgene comprising retrovirus-like DNA into a eukaryotic genome, the genome is cleared by an endonuclease and the transgene is introduced at the site of cleavage, wherein the endonuclease is specific to a site in an abundant rDNA locus and is fused to an integrase that mediates the introduction of the transgene. The fusion protein may be new.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3746/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :29/06/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : "SEMICONDUCTOR MEMORY DEVICE WITH INCREASED NODE CAPACITANCE"

(51) International classification :H01L 27/148

(31) Priority Document No :NA

(32) Priority Date :NA

(33) Name of priority country :NA

(86) International Application No :PCT/US2003/039026

Filing Date :08/12/2003

(87) International Publication No :WO 2005/064682

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)INTERNATIONAL BUSINESS MACHINES CORPORATION

Address of Applicant :NEW ORCHARD ROAD, ARMONK, NY
10504, USA. U.S.A.

(72)Name of Inventor :

1)ANDERSON BRENT A.

2)BRYANT ANDRES

3)NOWAK EDWARD J.

(57) Abstract :

An integrated circuit semiconductor memory device (100) has a first dielectric layer (116) characterized as the BOX layer absent from a portion (130) of the substrate (1.12) under the gate of a storage transistor to increase the gate-to-substrate capacitance and thereby reduce the soft error rate. A second dielectric layer (132) having a property different from the first dielectric layer at least partly covers that portion (130) of the substrate. The device may be a FinFET device including a fin (122) and a gate dielectric layer (124, 126) between the gate and the fin, with the second dielectric layer having less leakage than the gate dielectric layer.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3747/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :29/06/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : TOOTHBRUSH

(51) International classification	:A46B15/00
(31) Priority Document No	:10/753,899
(32) Priority Date	:07/01/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2005/000259
Filing Date	:05/01/2005
(87) International Publication No	:WO 2005/067763
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)COLGATE-PALMOLIVE COMPANY
Address of Applicant :300 PARK AVENUE, NEW YORK NY
10022, USA U.S.A.
(72)**Name of Inventor :**
1)RUSSELL BRUCE M

(57) Abstract :

A toothbrush includes an elongated shaft rotatably mounted to the cleaning surface of the brush head parallel to the longitudinal axis of the brush head. Cleaning elements are mounted to and extend outwardly from the shaft In one embodiment of the invention the cleaning elements are disposed at an angle which is non-perpendicular to the shaft. In another embodiment of the invention the shaft and cleaning elements are in the form of a roller wherein the cleaning elements extend continuously along the length of the shaft

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3748/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :29/06/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : "METHOD OF MANAGING DIGITAL RIGHTS"

(51) International classification	:G06F 15/16
(31) Priority Document No	:60/481,844
(32) Priority Date	:31/12/2003
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2005/000079
Filing Date	:03/01/2005
(87) International Publication No	:WO 2005/065434
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)GREEN PACKET, INC
Address of Applicant :21060 HOMESTEAD ROAD, SUITE 220,
CUPERTINO, CA 95014, UNITED STATES OF AMERICA. U.S.A.

(72)**Name of Inventor :**
1)CHEN LIANGSHENG
2)DU FAN
3)HU CHEN
4)ZHENG XIAOJING

(57) Abstract :

A method of managing digital rights in a network without a central license server where each instance of the program broadcasts its identification into the network, and any instance of the program detecting its own license code from another node closes down. A closing program may also generate a close down message to the conflicting program.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3749/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :29/06/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : "NETWORK MANAGEMENT"

(51) International classification	:G06F 15/16
(31) Priority Document No	:60/481,849
(32) Priority Date	:31/12/2003
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2005/000080
Filing Date	:03/01/2005
(87) International Publication No	:WO 2005/066828
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)GREEN PACKET, INC
Address of Applicant :21060 HOMESTEAD ROAD, SUITE 220,
CUPERTINO, CA 95014, UNITED STATES OF AMERICA U.S.A.
(72)**Name of Inventor :**
1)CHEN LIANGSHENG
2)ZHENG XIAOJING

(57) Abstract :

A System (Fig. 1) for discovering, identifying and managing ad hoc networks and facilitating the Communications within that network is disclosed. An addition to the network interface mediates discovery of adjacent computere (101, 103, 104, 106, 107) with the Same addition running and the exchange of profiles between these Computere (101, 103, 104, 106, 107) to allow device sharing and routing.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3765/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :30/06/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : "METHOD FOR CONTROLLING PROGRAM EXECUTION INTEGRITY BY VERIFYING EXECUTION TRACE PRINTS"

(51) International classification	:G06F 11/28	(71) Name of Applicant :
(31) Priority Document No	:0315633	1)TRUSTED LOGIC
(32) Priority Date	:31/12/2003	Address of Applicant :5 RUE DU BAILLIAGE, 78000
(33) Name of priority country	:France	VERSAILLES, FRANCE. France
(86) International Application No	:PCT/FR2004/003273	(72) Name of Inventor :
Filing Date	:16/12/2004	1)DOMINIQUE BOLIGNANO
(87) International Publication No	:WO 2005/073859	2)XAVIER LEROY
(61) Patent of Addition to Application Number	:NA	3)RENAUD MARLET
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The inventive method for controlling a program execution integrity by verifying execution trace prints consists in updating the representative print of an execution path and/or data applied for a program execution, comparing the actual print value (dynamically calculated to an expected value (statistically fixed, equal to a value of the print if the program execution is not disturbed) at a determined program spots and in carrying out a particular processing by the program when the actual print differs from the expected value

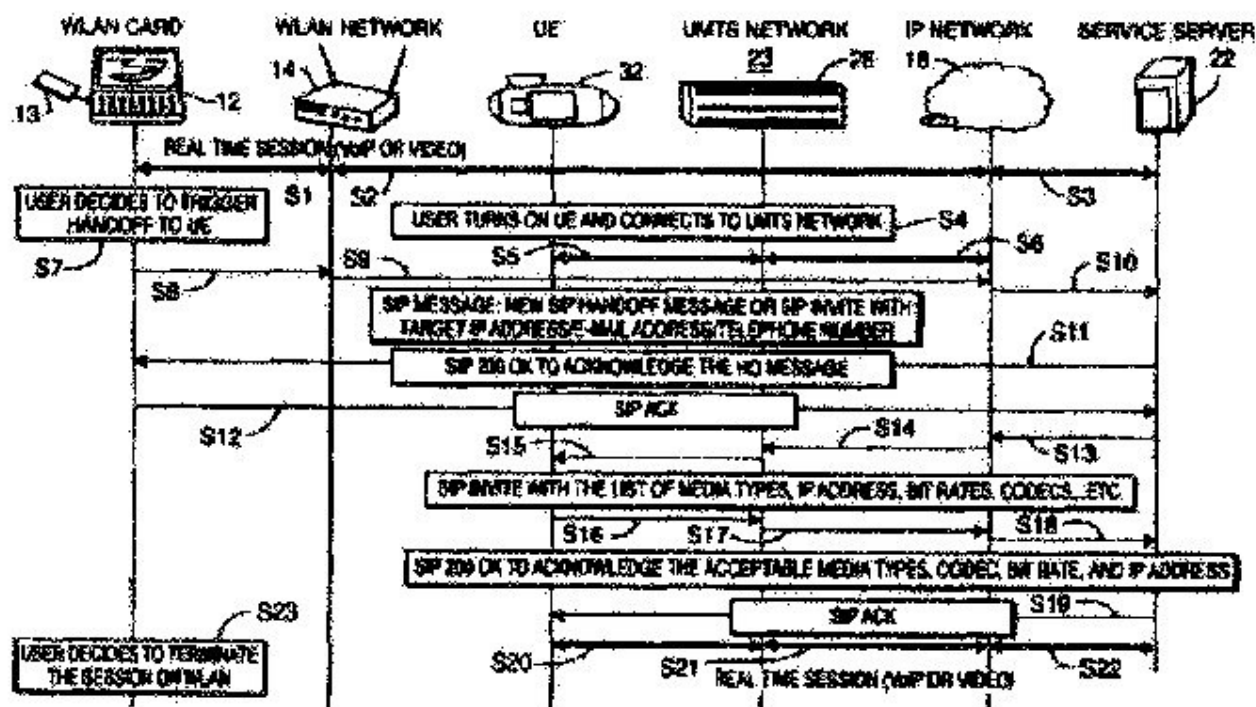
(54) Title of the invention : WIRELESS COMMUNICATION METHOD AND APPARATUS FOR IMPLEMENTING ACCESS POINT STARTUP AND INITIAL CHANNEL SELECTION PROCESSES"

(51) International classification :H04Q 7/20
 (31) Priority Document No :60/526,134
 (32) Priority Date :01/12/2003
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2004/039599
 Filing Date :24/11/2004
 (87) International Publication No :WO 2005/055493
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :
1)INTERDIGITAL TECHNOLOGY CORPORATION
 Address of Applicant :300 DELAWARE AVENUE, SUITE 527,
 WILMINGTON, DELAWARE 19801 (US) U.S.A.
 (72)Name of Inventor :
1)CAVE, CHRISTOPHER
2)CUFFARO, ANGELO
3)MARINIER, PAUL
4)HUNKELER, TERESA, JOANNE
5)ZUNIGA, JUAN, CARLOS
6)ROY, VINCENT

(57) Abstract :

A startup process of an access point (AP) includes a discovery phase and an announcement phase. During the discovery phase, the AP detects neighboring APs from its own extended service set (ESS), neighboring APs from different ESSs, and external sources of interference. During the announcement phase, the AP transmits its beacon signals at maximum power in order to accelerate recognition by neighboring APs running the discovery phase. An automatic initialization channel selection process of an AP scans channels the AP will use to communicate. Information of each scanned channel is recorded and a best performance channel is determined for use by the AP.



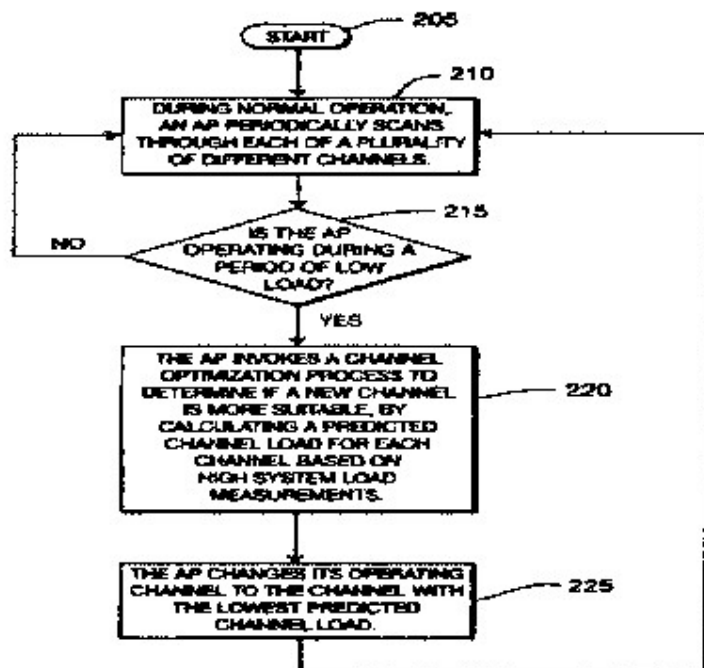
(54) Title of the invention : WIRELESS COMMUNICATION METHOD AND APPARATUS FOR OPTIMIZING ACCESS POINT CHANNEL SELECTION

(51) International classification :H04Q 7/20
 (31) Priority Document No :60/526,134
 (32) Priority Date :01/12/2003
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2004/039801
 Filing Date :23/11/2004
 (87) International Publication No : NA
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :
1)INTERDIGITAL TECHNOLOGY CORPORATION
 Address of Applicant :300 DELAWARE AVENUE, SUITE 527
 SILMONGTON, DELAWARE 19801 (US) U.S.A.
 (72)Name of Inventor :
1)CAVE, CHRISTOPHER
2)MARINER, PAUL
3)CUFFARO, ANGELO
4)ROY VINCENT

(57) Abstract :

A wireless communication method and system for optimizing channel selection for an AP. The channel selection optimization process includes four sub-processes: 1) a measurement process; 2) a candidate channel determining process; 3) a channel selection process; and 4) a channel update process. Candidate channels used for supporting communication performed by the AP are determined. The candidate channels are chosen from an allowable channel set (ACS) if a detected interference of each candidate channel is less than an established maximum allowed interference.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.3769/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :30/06/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : SESSION INITIATION PROTOCOL (SIP) BASED USER INITIATED HANDOFF

(51) International classification	:G06F 15/00
(31) Priority Document No	:60/526,135
(32) Priority Date	:01/12/2003
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2004/040039
Filing Date	:30/11/2004
(87) International Publication No	:WO 2005/055502
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)INTERDIGITAL TECHNOLOGY CORPORATION
Address of Applicant :300 DELAWARE AVENUE SUITE 527,
WILMINTON, DE 19801 (US) U.S.A.
(72)**Name of Inventor :**
1)SHAHEEN, KAMEL M.

(57) Abstract :

Method and apparatus for performing wireless handoff of a real time media session between two non-compatible devices such as PC 12 and UE 32, as shown at S. A WLAN 14 triggers a handoff and the WLAN 14 communicates with an IP network 18, shown at S2 The IP network 18 provides the two-way communication link between the PC 12 and service server 22, shown at S3. Both the user PC 12 and UE 32 establish a connection with the network 23 at S4-S6. The user then decides to trigger a handoff from PC 12 to the UE 32 at S7 and communicates this handoff request to the WLAN network 14, which transmits an SIP message through IP network 18 to service server 22. Service server 22 transmits an SIP 200 (OK) message to acknowledge the handoff (HO) message.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3770/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :30/06/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : PROCESS FOR THE MANUFACTURE OF CURVED OBJECTS

(51) International classification	:B29C 43/00
(31) Priority Document No	:1025176
(32) Priority Date	:07/01/2004
(33) Name of priority country	:Netherlands
(86) International Application No	:PCT/NL2005/000004
Filing Date	:07/01/2005
(87) International Publication No	:WO 2005/065910
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)DSM IP ASSETS B.V.
Address of Applicant :HET OVERLOON 1, NL-6411 TE
HEERLEN, THE NETHERLANDS Netherlands
(72)**Name of Inventor :**
1)MARISSSEN, ROELOF

(57) Abstract :

The invention relates to a process for the manufacture of an object, curved in one or more directions, from a package of at least one stacked ply containing polymeric fibres by the deforming thereof at elevated temperature, the process comprising imposing on the fibres a tensile stress at a temperature lying between the melting point of the fibres at the imposed tensile stress and 20°C below the melting point, which tensile stress is high enough for the fibres to be drawn. This process allows objects, curved in one or more directions, to be produced from flat fibre plies without appreciable wrinkling using even fibre plies with low internal and/or mutual deformability and without material being drawn into the die in a controlled manner. The invention also relates to an object, curved in one or more directions, obtainable by the process according to the invention.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3750/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :29/06/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : "FOOD AND FEED SUPPLEMENT AND ITS USE"

(51) International classification	:A23K 1/16
(31) Priority Document No	:20035410
(32) Priority Date	:05/12/2003
(33) Name of priority country	:Norway
(86) International Application No	:PCT/NO2004/000374
Filing Date	:06/12/2004
(87) International Publication No	:WO 2005/053423
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)PIGEON VITALITY AS
Address of Applicant :SVINTEN 19, N-3941 PORSGRUNN,
NORWAY. Norway
2)BRAKSTAD FRODE
3)RAAHOLT, MORTEN, HARRINGTON
(72)**Name of Inventor :**
1)BRAKSTAD FRODE
2)RAAHOLT, MORTEN, HARRINGTON

(57) Abstract :

The present invention relates to a food and feed supplement, and its use, where the supplement comprise as the basic component at least one carboxylic acid and/or its salt, an iron component and vitamins B6, B9 and B12 in amounts corresponding to at least that which theoretically can be consumed during the metabolism of the COOH-groups present. The supplement may also contain a desiccant and an antioxidant. The supplement will have a pH in the range 2.0-6.0 when dissolved in water. The supplement is characterized in that the amounts of the vitamins B6, B9 and B,2 are in the range of 0,5-30mg, 0,1-10mg and 1-1500 µg/gram dry weight of the content of the pure carboxylic acids in the supplement, respectively. The supplement can be used in animal feed in amounts of 0.5-15 grams dry supplement/kg dry feed.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3751/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :29/06/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : APPARATUS, AND ASSOCIAATED METHOD, FOR DETECTING PACKETS

(51) International classification	:G06F 19/00
(31) Priority Document No	:PCT/US2003/041506
(32) Priority Date	:29/12/2003
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2003/041506
Filing Date	:29/12/2003
(87) International Publication No	:WO 2005/069190
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)NOKIA CORPORATION
Address of Applicant :KEILALAHDENTIE 4, FIN-02150 ESPOO,
FINLAND Finland
(72)**Name of Inventor :**
1)PRIOTTI, PAOLO

(57) Abstract :

In a robust system and method for detecting packets in SISO and MIMO broadband multicarrier transmission, a packet detector computes continuously the sum of the module of the power-normalized auto-correlations of a sequence of received signals (204), tuned on the periodicity of the training symbols. When the power-normalized auto-correlation exceeds a first predetermined threshold (206), then the maximum value of the sum of the moduli of all the cross-correlations between the received signals and the M aperiodic sequences is computed in a given time window (208), sliding in time from -cO to cO. A packet is identified as received (212) when the maximum value of the sum of the moduli of the cross-correlations exceeds a second predetermined threshold (210).

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3752/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :29/06/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : ARRANGING HANDOVER

(51) International classification	:H04Q 7/38
(31) Priority Document No	:10/748,088
(32) Priority Date	:30/12/2003
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/FI2004/000791
Filing Date	:23/12/2004
(87) International Publication No	:WO 2005/064976
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)NOKIA CORPORATION

Address of Applicant :KEILALAHDENTIE 4, FIN-02150 ESPOO,
FINLAND Finland

(72)Name of Inventor :

1)JAAKKOLA, MIKKO

2)LATVA, JUKKA-JUHANA

3)HAVERINEN, HENRY

(57) Abstract :

The invention relates to applying a handover algorithm in a mobile terminal. In the method, the state of a user interface component of the terminal is checked, and the handover algorithm is applied on the basis of the current state of the user interface component. The handover algorithm is applied only if the current state of the user interface component is active.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3753/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :29/06/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : METHOD AND SYSTEM FOR CONTROLLING A REAL-TIME COMMUNICATIONS SERVICE

(51) International classification	:H04Q 7/28
(31) Priority Document No	:20031912
(32) Priority Date	:29/12/2003
(33) Name of priority country	:Finland
(86) International Application No	:PCT/FI2004/050191
Filing Date	:22/12/2004
(87) International Publication No	:WO 2005/064962
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)NOKIA CORPORATION
Address of Applicant :KEILALAHDENTIE 4, FIN-02150 ESPOO,
FINLAND. Finland
(72)**Name of Inventor :**
1)CUNY, RENAUD
2)HOLMA, HARRI
3)KRISTENSSON, MARTIN

(57) Abstract :

A real-time media session is between user equipment and a media communication server via a serving access network. According to the invention, dummy data (e.g. a dummy message) is sent in order to maintain a dedicated channel during inactive periods of a real-time media session or to trigger an early setup of a dedicated channel in the access network. Thereby, user equipments that are logged on to a real-time media (e.g. PoC) session are prevented from going to a radio resource idle state, and therefore potential long extra delays during real time media (e.g. PoC) service usage avoided. The invention further allows the sending and receiving user equipments to set up their dedicated channels (DCH) already during the start to talk procedure of the transmitting user equipment, which in turn potentially reduces end-to-end delays during the conversation.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3754/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :29/06/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : METHOD AND SYSTEM FOR THE TRANSMISSION OF SERVICE DATA BETWEEN TELECOMMUNICATION DEVICES

(51) International classification

:H04Q 7/32

(31) Priority Document No

:04100328.6

(32) Priority Date

:29/01/2004

(33) Name of priority country

:EUROPEAN
UNION

(86) International Application No

:PCT/EP2005/050295

Filing Date

:24/01/2005

(87) International Publication No

:WO2005/074310

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)SWISSCOM MOBILE AG

Address of Applicant :SCHWARZTORSTRASSE 61, CH-3050
BERN, SWITZERLAND. Switzerland

(72)Name of Inventor :

1)AEBI, PAUL

(57) Abstract :

The invention relates to a method and system for transmitting service data between telecommunication devices (10,18), pre-paid access data comprising a first digital key and control data being stored in a memory module (11)of a telecommunication device (10), a second digital key being stored on one or more control units (16) of the telecommunication network (14), a validity criterion being determined based on control data, and service data of the first telecommunication device being encoded by means of the first key as long as the validity criterion is fulfilled, and the encoded service data being transmitted to the control unit (16), being decoded by means of the second digital key, and being transmitted to another telecommunication device (18).

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3771/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :30/06/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : WIRELESS MULTI-HOP SYSTEM WITH MACROSCOPIC MULTIPLEXING

(51) International classification	:H04L 12/56
(31) Priority Document No	:10/749,662
(32) Priority Date	:31/12/2003
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/IB2004/004302
Filing Date	:29/12/2004
(87) International Publication No	:WO 2005/067225
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)NOKIA CORPORATION
Address of Applicant :KEILALAHDENTIE 4, FIN-02150 ESPOO,
FINLAND Finland
(72)**Name of Inventor :**
1)PASANEN, PIRJO
2)TIRKKONEN, OLAV

(57) Abstract :

A method, device, and system in which radio links between relays and users are optimized separately from the links between relays and base stations and in which multiple simultaneous data streams between relays and base stations are created. The system includes transceivers of at least three kinds with two kinds of radio interfaces. The first kind of transceiver, a base station (BS), is connected to the core network with a link of wire line quality. The second kind, a relay station (RS), is connected to the BS with a first radio interface, and to the third kind, the user equipment (UE), with a second radio interface. The first and second radio interfaces can operate, at least in part, using the same frequency bandwidth. The UE can also connect directly to the BS using the second radio interface if the BS is closer than any RS.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3772/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :30/06/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : "PROCESS FOR PREPARING A HIGH MOLECULAR POLYCONDENSATE"

(51) International classification	:C08G 63/91
(31) Priority Document No	:040750005.1
(32) Priority Date	:08/01/2004
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/EP2004/014886
Filing Date	:29/12/2004
(87) International Publication No	:WO 2005/068532
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)DSM IP ASSETS B.V.
Address of Applicant :HET OVERLOON 1, NL-6411 TE
HEERLEN, THE NETHERLANDS, Netherlands
(72)**Name of Inventor :**
1)LOONTJENS JACOBUS ANTONIUS
2)SCHOLTENS, BOUDEWIJN JAN ROBERT

(57) Abstract :

The invention relates to a process for preparing a high-molecular polycondensate, i.e. a polyester, a polyamide, a polyester-amide, a polycarbonate, a polyether or a block copolymer by melt-mixing a polyester, a polyamide, a polycarbonate, a polyether or a mixture of at least two of these said polycondensates with a carbonyl bislactam according to formula (I) in which formula n is an integer of between 3 and 15, and a diepoxide. Preferably said diepoxide is a compound containing epoxy radicals of formula (II), which radicals are linked direct to carbon, oxygen, nitrogen or sulfur atoms, wherein R1 and R3 are both hydrogen, R2 is hydrogen or methyl, and m=0, or wherein R1 and R3, taken together, are - CH2-CH2- or - CH2-CH2-CH2-, in which case R2 is hydrogen and m=0 or 1. The present invention results in a more stable process for the production of a polycondensate with a high molecular mass. Furthermore the polycondensate obtained with the process according to the invention has, even under extreme process conditions such as high temperature, less discoloration. With the process according to the invention a permanent increase in the molecular weight of a polycondensate is obtained in an even faster way than with processes according to the state of the art.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3774/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :30/06/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : CHAIR WITH TILT LOCK MECHANISM

(51) International classification	:A47C 7/54
(31) Priority Document No	:10/749,009
(32) Priority Date	:30/12/2003
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2004/043773
Filing Date	:29/12/2004
(87) International Publication No	:WO2005/065329
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)HNI TECHNOLOGIES INC.

Address of Applicant :414 EAST THIRD STREET, MUSCATINE,
LOWA 52761-0071, UNITED STATES OF AMERICA. U.S.A.

(72)Name of Inventor :

1)MACHAEL, JAY R.

2)POPHAM, RANDY L.

3)HAHN, JESSE J.

(57) Abstract :

A tillable chair is provided with a tilt lock mechanism that can be activated when the chair is at any tilt position, the tilt lock mechanism engaging and locking the chair when the chair moves into the upright, neutral position.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3775/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :30/06/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : CHAIR BACK REST WITH IMPROVED RESILIENCE AND SUPPORT

(51) International classification	:A47C 7/14
(31) Priority Document No	:10/750,576
(32) Priority Date	:30/12/2003
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2004/043584
Filing Date	:29/12/2004
(87) International Publication No	:WO 2005/065489
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)HNI TECHNOLOGIES INC.
Address of Applicant :414 EAST THIRD STREET, MUSCATINE,
LOWA 52761-0071, UNITED STATES OF AMERICA U.S.A.

(72)**Name of Inventor :**
1)MACHAEL, JAY R.
2)KOEPEKE, MARCUS C.
3)TREGO, BRIAN R.
4)ERICKSON, BRIAN
5)HABBOUB, AMIN K.

(57) Abstract :

A chair having a seat and a back rest comprises a fluid-containing cushion in the back rest that provides passive automatically adjustable support for the user's lumbar region. The cushion can comprise one or more fluid-containing chambers encompassing the areas of the user's upper back and lumbar regions. As the user leans backs, fluid is forced from the regions adjacent the upper back down to the lumbar region to provide enhanced lumbar support to the user.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3776/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :30/06/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : CHAIR WITH ADJUSTABLE SEAT DEPTH

(51) International classification	:A17C 1/00
(31) Priority Document No	:10/748,079
(32) Priority Date	:30/12/2003
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2004/043870
Filing Date	:29/12/2004
(87) International Publication No	:WO 2005/065486
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)HNI TECHNOLOGIES INC.
Address of Applicant :414 EAST THIRD STREET, MUSCATINE,
LOWA 52761-0071,USA U.S.A.
(72)**Name of Inventor :**
1)KOEPE MARCUS C.
2)HAHN JESSE J
3)MACHAEL JAY R

(57) Abstract :

A chair has a seat that can be longitudinally repositioned by the user while the user is seated on the chair, so as to accommodate users of different heights and physical dimensions. The chair includes a base, a seat slidable mounted on a seat plate, and activating arm that operates on lock means that engage the seat plate to secure the seat in a preferred longitudinal position relative to the seat plate.

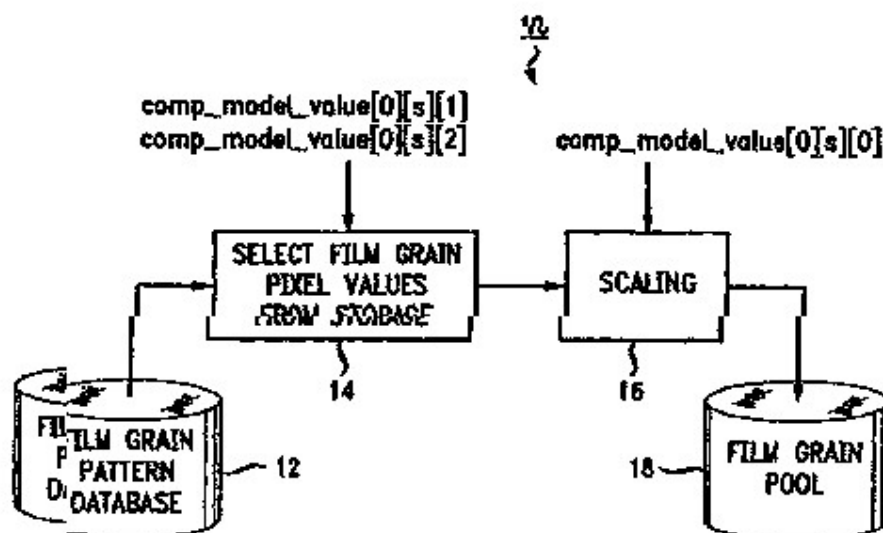
(54) Title of the invention : TECHNIQUE FOR FILM GRAIN SIMULATION USING A DATABASE OF FILM GRAIN PATTERNS

(51) International classification :H04N 7/26
 (31) Priority Document No :60/527,895
 (32) Priority Date :05/12/2003
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2004/041164
 Filing Date :01/12/2004
 (87) International Publication No :WO 2005/057936
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :
1)THOMSON LICENSING
 Address of Applicant :46, QUAI A LE GALLO, F-92100
 BOULOGNE-BILLANCOURT, FRANCE France
 (72)Name of Inventor :
1)COOPER, JEFFREY, ALLEN
2)BOYCE, JILL, MACDONALD
3)TOURAPIS, ALEXANDROS
4)GOMILA, CRISTINA
5)LLACH, JOAN
6)YIN, PENG

(57) Abstract :

Individual pixels in an image block undergo blending with film grain from a film grain block randomly selected from among a pool (18) of previously established film grain blocks in accordance with a luma characteristic of the image block. Prior to blending, the selected film grain block undergoes deblocking by a deblocking filter (28). Following blending, a clipper (32) clips the individual pixels prior to display. The pool(18) of film grain blocks is created by scaling a set of film grain patterns in accordance with at least one parameter of a film grain information message that accompanies the image block.



(54) Title of the invention : DETECTION OF MOLECULAR INTERACTIONS

(51) International classification :G01N 21/00
 (31) Priority Document No :60/527,209
 (32) Priority Date :04/12/2003
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2004/040872
 Filing Date :06/12/2004
 (87) International Publication No : NA
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :
1)REGENTS OF THE UNIVERSITY OF CALIFORNIA
 Address of Applicant :1111 FRANKLIN STREET, OAKLAND, CA
 94607-5200(US) U.S.A.
 (72)Name of Inventor :
1)GROVES, JOHN, T.
2)BAKSH, MICHAEL, M.
3)JAROS, MICHAL

(57) Abstract :

A method and assay are described for measuring the interaction between a ligand and an analyte. The assay can include a suspension of colloidal particles that are associated with a ligand of interest. The colloidal particles are maintained in the suspension at or near a phase transition state from a condensed phase to a dispersed phase. An analyte to be tested is then added to the suspension. If the analyte binds to the ligand, a phase change occurs to indicate that the binding was successful.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.3806/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :03/07/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : "PROCESS FOR FILM APPLICATION."

(51) International classification	:B41M3/14
(31) Priority Document No	:04000263.6
(32) Priority Date	:08/01/2004
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/IB2005/000013
Filing Date	:05/01/2005
(87) International Publication No	:WO 2005/068211 A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)KBA-GIORI S.A.

Address of Applicant :4 RUE DE LA PAIX, CH-1003 LAUSANNE
SWITZERLAND Switzerland

(72)Name of Inventor :

1)SCHAEDE JOHANNES GEORG

(57) Abstract :

The process comprises the following steps: -) deposition of a glueing material on the substrate; -) cutting of a window into the substrate and into the deposited glueing material; -) application of a layer of material at least over the cut window and activation of the glueing material.

(54) Title of the invention : "NOVEL ANTI-INSULIN/IGF-I HYBRID RECEPTOR OR ANTI-INSULIN/IGF-I HYBRID RECEPTOR AND IGF-IR ANTIBODIES AND USES THEREOF"

(51) International classification :C07K 16/28
 (31) Priority Document No :10/735,916
 (32) Priority Date :16/12/2003
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/IB2004/004360
 Filing Date :16/12/2004
 (87) International Publication No :WO2005/058967
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

1)PIERRE FABRE MEDICAMENT

Address of Applicant :45, PLACE ABEL-GANCE, F-92100
 BOULOGNE-BILLANCOURT, FRANCE. France

(72)Name of Inventor :

1)GOETSCH LILIANE

2)CORVAIA NATHALIE

3)DUFLOS ALAIN

4)HAEUW, JEAN-FRANCOIS

5)NA

6)LEGER OLIVIER

7)BECK ALAIN

(57) Abstract :

The present invention relates to antibodies capable of binding specifically to i) the human anti-insulin/IGF-I hybrid receptor (hybrid-R) or ii) both to said hybrid-R and the human insulin-like growth factor I receptor (IGF-IR) and/or capable of specially inhibiting the tyrosine kinase activity of said hybrid-R or both hybrid-R and IGF-IR, especially monoclonal antibodies of murine, chimeric and humanized origin, as well as the amino acid and nucleic acid sequences coding for these antibodies. The invention likewise comprises the use of these antibodies as a medicament for the prophylactic and/or therapeutic treatment of cancers overexpressing, or with an abnormal activation of, hybrid-R or of both hybrid-R and IGF-IR or any pathology connected with the overexpression, or abnormal activation, of said receptor as well as in processes or kits for diagnosis of illnesses connected with the overexpression of the hybrid-R or both hybrid-R and IGF-IR. The invention finally comprises products and/or compositions comprising such antibodies in combination with anti-EGFR antibodies and/or compounds and/or anti-cancer agents or agents conjugated with toxins and their use for the prevention and/or the treatment of certain cancers.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3809/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :03/07/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : A METHOD OF AUTHORISATION

(51) International classification	:G06F 12/14
(31) Priority Document No	:0400270.5
(32) Priority Date	:07/01/2004
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/IB2005/000006
Filing Date	:05/01/2005
(87) International Publication No	:WO 2005/069149
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)NOKIA CORPORATION
Address of Applicant :KEILALAHDENTIE 4, FIN-02150 ESPOO,
FINLAND Finland
(72)**Name of Inventor :**
1)LEPPANEN, EVA-MARIA
2)SAARENPA, MATTI
3)AAKULA, JUKKA

(57) Abstract :

A method of authorising in a Communications system using authorising data. The authorising data being one of a data component, data group or data element to reference or to be referenced by other data to define the authorisation associated with the other data.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3755/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :29/06/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : "TABLET LAPTOP AND INTERACTIVE CONFERENCING STATION SYSTEM "

(51) International classification	:G06F 1/16
(31) Priority Document No	:10/753,021
(32) Priority Date	:06/01/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2004/040254
Filing Date	:01/12/2004
(87) International Publication No	:WO 2005/067479
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)REBESKE, CARLTON
Address of Applicant :2654 N. ROBIN LANE, MESA, AZ 85213,
USA, U.S.A.
(72)**Name of Inventor :**
1)REBESKE, CARLTON

(57) Abstract :

A laptop computer is constructed having a case including a keyboard and containing traditional computer components. A display screen is pivotally secured to the computer case and may be pivoted about the hinge to an operative position wherein an operator can observe the information displayed on the display screen. A second display screen is pivotally secured to the first display screen and is also connected to the computer components within the computer case. The second display screen, when hinged to its operative position displays the same information displayed on the first display screen, but is directed in an opposite direction to permit an operator and an observer to observe the same information viewable on the first and second display screens, respectively.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3757/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :29/06/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : "TRICYCLIC STEROID HORMONE NUCLEAR RECEPTOR MODULATORS"

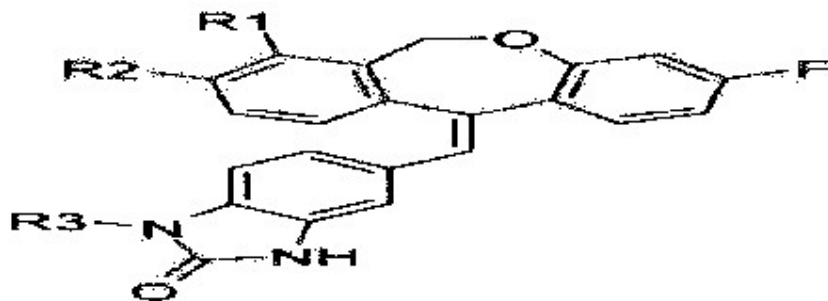
(51) International classification	:C07D 405/06
(31) Priority Document No	:60/531,283
(32) Priority Date	:19/12/2003
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2004/038233
Filing Date	:08/12/2004
(87) International Publication No	:WO 2005/066161
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :
1)ELI LILLY AND COMPANY
Address of Applicant :LILLY CORPORATE CENTER,
INDIANAPOLIS, INDIANA 46285, USA. U.S.A.

(72)Name of Inventor :
1)KONSTANTINOS GAVARDINAS
2)JONATHAN EDWARD
3)PRABHAKAR KONDAJI JADHAV
4)DONALD PAUL MATTHEWS

(57) Abstract :

The present invention provides a compound of the formula: or a pharmaceutically acceptable salt thereof; pharmaceutical compositions comprising an effective amount of a compound of Formula I in combination with a suitable carrier, diluent, or excipient; and methods for treating physiological disorders, particularly congestive heart disease, hypertension, rheumatoid arthritis or inflammation, comprising administering to a patient in thereof an effective amount of a compound of Formula I.



Formula I.

(54) Title of the invention : "OUTSIDE UNIT FOR SATELLITE RECEPTION AND METHOD OF RECEPTION WITH SAID UNIT"

(51) International classification :H04B 1/10
 (31) Priority Document No :0400070
 (32) Priority Date :06/01/2004
 (33) Name of priority country :France
 (86) International Application No :PCT/EP2004/053477
 Filing Date :15/12/2004
 (87) International Publication No :WO 2005/069495
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :
1)THOMSON LICENSING,
 Address of Applicant :46 QUAI A. LE GALLO, 92100
 BOULOGNE-BILLANCOURT, FRANCE. France
 (72)Name of Inventor :
1)MARC LOUCHKOFF

(57) Abstract :

The invention proposes an LNB using two transposition frequencies chosen on either side of the reception band 200 so as to obtain a transposition of supradynic type 205 and a transposition of infradyne type 204 according to the frequency used. This choice of transposition frequencies makes it possible to have an overlap zone 202 in the middle of the reception band which is transposed with the aid of the two oscillation frequencies but at different frequencies. This makes it possible to choose between the two transpositions in the case where the frequency transposed with the aid of an oscillator corresponds to a particularly noisy frequency.

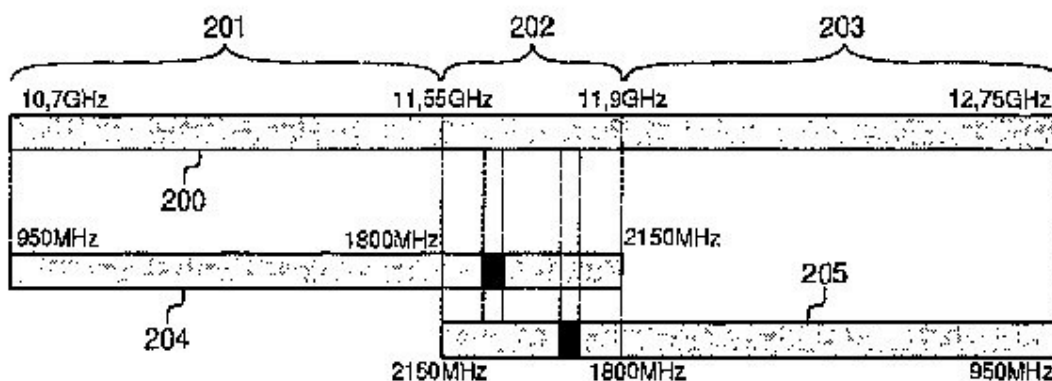


FIG.2

(54) Title of the invention : "OVERHEAD PROJECTION SCREEN"

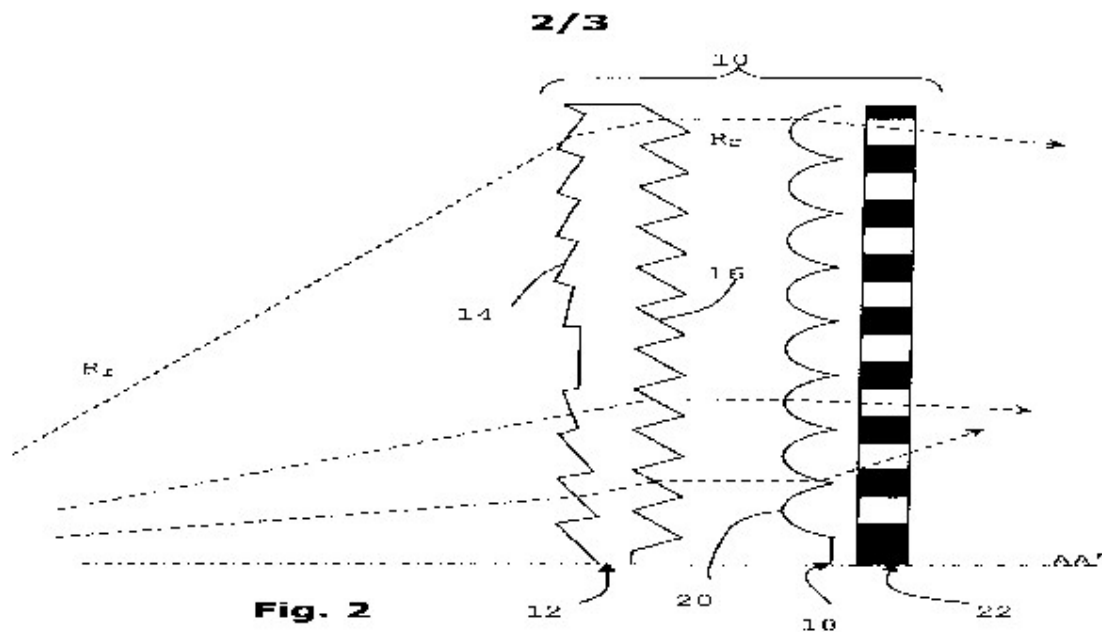
(51) International classification	:G03B 21/62
(31) Priority Document No	:0450025
(32) Priority Date	:07/01/2004
(33) Name of priority country	:France
(86) International Application No	:PCT/EP2005/050053
Filing Date	:07/01/2005
(87) International Publication No	:WO 2005/066711
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :
1)THOMSON LICENSING
 Address of Applicant :46 QUAI A. LE GALLO, 92100
 BOULOGNE-BILLANCOURT, FRANCE. France

(72)Name of Inventor :
1)ARNO SCHUBERT
2)PASCAL BENOIT
3)KHALED SARAYEDDINE

(57) Abstract :

An optical plate (12), in particular in a screen (10) for projection display device, comprises, on a first side, optical elements (14) designed to bend rays received from a light source into a beam of rays in a first direction in a plane containing a main axis (AA'). The second side (16) is produced in such a way as to bend the beam in a second direction that is different from the first direction, preferably in line with the main axis (AA1).



(54) Title of the invention : "SLOT-LINE-TYPE MICROWAVE DEVICE WITH A PHOTONIC BAND GAP STRUCTURE"

(51) International classification :H01P 3/02
 (31) Priority Document No :0450036
 (32) Priority Date :07/01/2004
 (33) Name of priority country :France
 (86) International Application No :PCT/FR2005/050001
 Filing Date :03/01/2005
 (87) International Publication No :WO 2005/067094
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :
1)THOMSON LICENSING
 Address of Applicant :46 QUAI A. LE GALLO, 92100
 BOULOGNE-BILLANCOURT, FRANCE. France
 (72)Name of Inventor :
1)NICOLAS BOISBOUVIER
2)ALI LOUZIR
3)FRANCOISE LE BOLZER
4)ANNE-CLAUDE TAROT
5)KOUROCH MAHDJOUBI

(57) Abstract :

The present invention relates to a microwave device of the slot-line type with a photonic band gap structure (PBG), comprising at least: - a first substrate (10) in a dielectric material having a first permittivity ϵ_{r1} , - a second substrate (11) in a dielectric material having a second permittivity ϵ_{r2} , and - between the two substrates, a conductive layer (12) in which at least one slot-line (13) is engraved, - with, on the face of the first and second substrates opposite the face in contact with the conductive layer, facing the slot-line, periodic metal patterns (14,15). The invention enables a compact filtering structure to be realized.

2/3

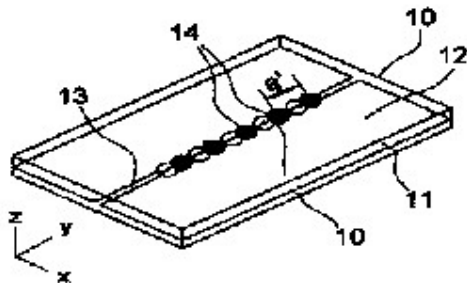


FIG.3A

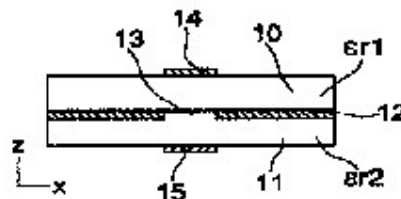


FIG.3B

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1991/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :12/04/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : "USE OF PHOTSENSITISATION"

(51) International classification	:A61K 41/00
(31) Priority Document No	:0323699.9
(32) Priority Date	:09/10/2003
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/GB2004/004305
Filing Date	:08/10/2004
(87) International Publication No	:WO 2005/034997
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)UCL BIOMEDICA PLC
Address of Applicant :C/O FINANCE DIVISION GOWER STREET
LONDON WC1E 6BT UK. U.K.
(72)**Name of Inventor :**
1)WILSON, MICHAEL
2)NAIR, SEAN

(57) Abstract :

A composition comprising a conjugate of a photosensitiser and a bacteriophage is provided. The conjugate may be used to kill bacteria, particularly MRSA, EMRSA. VRSA, hetero-VRSA or CA-MRSA in a targeted method of photodynamic therapy.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1992/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :12/04/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : "PREPARATION OF ONE INTERMEDIATE FOR PYRETHROIDS"

(51) International classification	:C07C 33/46
(31) Priority Document No	:200310100116.4
(32) Priority Date	:10/10/2003
(33) Name of priority country	:China
(86) International Application No	:PCT/CN2004/000040
Filing Date	:13/01/2004
(87) International Publication No	:WO/2005/035474
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)JIANGSU YANGNONG CHEMICAL CO., LTD.
Address of Applicant :39 WENFENG ROAD, YANGZHOU,
JIANGSU, 225009, CHINA. China
(72)**Name of Inventor :**
1)WANG, DONGCHAO
2)JIANG, YOUFA

(57) Abstract :

The invention relates to a process for preparing 2,3,5,6-tetrafluorodimethylolbenzene, an intermediate for pyrethroids, by the reduction of tetrafluoroterephthalate. The reaction occurs through the formation of an intermediate ester compound. The compound 2,3,5,6-tetrafluorodimethylolbenzene can be used to prepare pyrethroids such as Tefluthrin by halogenation, hydrogenation and esterification reactions. The process used is simple and safe and the yield is of high quality.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3780/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :30/06/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : RELEASABLE ADHESIVE COMPOSITION

(51) International classification	:C09J 133/10
(31) Priority Document No	:10-2004-0005386
(32) Priority Date	:28/01/2004
(33) Name of priority country	:Republic of Korea
(86) International Application No	:PCT/KR2005/000208
Filing Date	:26/01/2005
(87) International Publication No	:WO 2005/ 073332
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)LG CHEM LTD.

Address of Applicant :20, YOIDO-DONG, YOUNGDUNGPO-GU,
SEOUL 150-721, KOREA Republic of Korea

(72)Name of Inventor :

1)JANG SOON KIM

2)WOO HA KIM

3)JAE GWAN LEE

4)SUK KY CHANG

5)WOOK KIM

6)GEUN HEE LEE

7)BYOUNG SOO LEE

(57) Abstract :

The present invention provides an adhesive composition comprising an adhesive polymer resin and an organic crystalline material having a higher melting point than the maximum acceptable operating temperature of products where the adhesive is used, as well as an adhesive sheet prepared there from. The adhesive composition and adhesive sheet of the present invention maintain excellent adhesion strength at their use temperature and show a rapid reduction in adhesion at a higher temperature than the melting point of the organic crystalline material so as to allow release from substrates.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3781/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :30/06/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : "SAFETY BELT WITHOUT TIGHTLY BINDING BODY"

(51) International classification	:B60R 22/19
(31) Priority Document No	:200420014512.5
(32) Priority Date	:02/01/2004
(33) Name of priority country	:China
(86) International Application No	:PCT/CN2004/001467
Filing Date	:20/12/2004
(87) International Publication No	:WO 2005/066000
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)CHEN XIAOHUA

Address of Applicant :304, BLK, 5TH TAOYUAN VILLAGE,
LONGZHU ROAD, NANSHAN DISTRICT, SHENZHEN,
GUANGDONG 518055, CHINA, China

(72)Name of Inventor :

1)CHEN XIAOHUA

(57) Abstract :

A safety belt without tightly binding body includes a safety belt, a belt retractor, a flashboard, a buckle and a limiter. The limiter includes a housing having a belt inlet and outlet located at side faces thereof. An upper roller and a lower roller are provided within the housing. The lower roller is movably engaged with two lower roller supports disposed in the lower housing. A clamping sleeve is fixedly secured around the lower roller. Electromagnets are mounted to the lower roller supports, respectively. A ratchet wheel and a ratchet pawl are mounted to the lower roller. A clamping sleeve is fixedly secured around the upper roller. The upper roller is movably engaged with two upper roller supports. Springs are provided on the two upper roller supports, respectively. A ratchet wheel and a ratchet pawl are mounted to the upper roller. Electromagnets may be mounted to the bottom of the upper roller supports, respectively. A motor may be mounted within the lower housing for rotating the lower roller. The lower housing also provides an automatic or a manual limiter.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3784/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :30/06/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : "NOVEL CHIMERIC PLASMINOGEN ACTIVATORS AND THEIR PHARMACEUTICAL USE"

(51) International classification	:C12N 15/62
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/EP2003/014542
Filing Date	:18/12/2003
(87) International Publication No	:WO 2005/059142
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)SEEGER, WERNER

Address of Applicant :ZENTRUM FUR INNERE MEDIZIN,
MEDIZINISCHE KLINIK II, JUSTUS-LIEBIG UNIVERSITAT,
KLINIKSTRASSE 36, 35392 GIESSEN, GERMANY. Germany

(72)Name of Inventor :

1)SEEGER, WERNER

2)GUNTHER, ANDREAS

3)RUPPERT, CLEMENS

4)MARKART, PHILIPP

5)MAGDOLEN, VIKTOR

6)WEAVER, TIMOTHY, E.

(57) Abstract :

The present invention relates to recombinant chimeric proteins comprising a surfactant protein precursor N-terminally fused to a plasminogen activator or comprising a mature surfactant protein N-terminally or C-terminally fused to a plasminogen activator. The invention is also directed to the corresponding nucleic acid molecules encoding such fusion proteins as well as to a method for their production. The invention further refers to a pharmaceutical composition comprising such a fusion protein and to pharmacological uses of an inventive fusion protein for the prevention and/or treatment of inflammatory and interstitial lung disease.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3777/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :30/06/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : "SMARTCARD SYSTEM"

(51) International classification	:G07F 7/10
(31) Priority Document No	:0330179.3
(32) Priority Date	:30/12/2003
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/GB2004/005434
Filing Date	:23/12/2004
(87) International Publication No	:WO 2005/064555
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)ECEBS LIMITED
Address of Applicant :28 KENWOOD PARK ROAD, SHEFFIELD,
SOUTH YORKSHIRE S7 1NG, UK U.K.
(72)**Name of Inventor :**
1)HOCHFELD BARRY SIM
2)BRESLIN ANTHONY

(57) Abstract :

A programmable device, for example, a smartcard carries a file system and operating software enabling the on-device Cite system to interface with at least one off-device file and/or application at a terminal or interface device. The smartcard includes means such as a script engine for running a script command to modify the structure and content of the file system, or the commands to be used for accessing the file system, or any security conditions associated therewith. In the improved smartcard of the invention the script engine is operable to run a plurality of script commands in succession and to use an input/output buffer of the device as an accumulator to allow arithmetic operations, on values held in data files or in the accumulator itself under the control of one or more of said script commands. This allows the system to provide for arithmetic operations, such as ADD, SUBTRACT or COMPARE, or other similar customised operations,

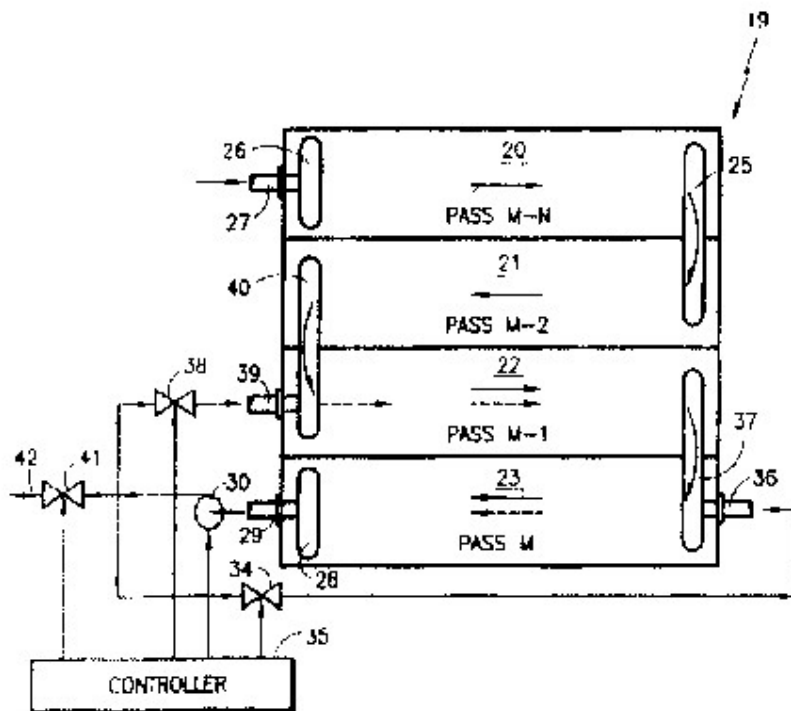
(54) Title of the invention : "FUEL CELL SYSTEM HAVING INLET FUEL TO MORE THAN ONE AND/OR RECYCLE TO LESS THAN ALL OF THE FUEL FIELDS"

(51) International classification :H01M 8/04
 (31) Priority Document No :10/765,735
 (32) Priority Date :27/01/2004
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2005/003099
 Filing Date :27/01/2005
 (87) International Publication No :WO 2005/072441
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :
1)UTC FUEL CELLS, LLC
 Address of Applicant :195 GOVERNOR'S HIGHWAY, SOUTH WINDSOR, CT 06074, USA, U.S.A.
 (72)Name of Inventor :
1)MARGIOTT PAUL R.
2)PERRY MICHAEL L.
3)REISER CARL A
4)VUKOVINSKY MICHAEL L

(57) Abstract :

Fuel cell power plants (19, 47, 60, 86, 102, 112, 121) include recycle fuel from a fuel exit (29) of the last fuel flow field (23, 52, 64, 89) of a series of flow fields (20 23; 49 52; 61-64; 87-89) labeled M - N through M, applied either to the Mth flow fields or both the Mth and the (M-1)th flow fields. The fuel recycle impeller is a blower (30), a turbocompressor (30a) driven by an air exhaust, an ejector (30b) or an electrochemical hydrogen pump (30c). Fuel from a source (77) may be applied both to the first fuel now field (87) and an additional fuel flow field (88, 74, 75, 89) of a series of flow fields to reduce pressure drop and flow rate requirements in the first of the series of flow fields and assure more fuel in the additional fuel flow field. Flow to the additional fuel flow field may be controlled by voltage (126) in such field or fuel content (128) of its exhaust. Transient fuel volume is provided by a tank (125).



(12) PATENT APPLICATION PUBLICATION

(21) Application No.3779/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :30/06/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : "NOVEL PYRIDINGE DERIVATIVES, A PROCESS FOR THEIR PREPARATION AND A PHARMACEUTICAL COMPOSITION CONTAINING THE SAME"

(51) International classification :C07D 491/052
(31) Priority Document No :10-2003-0100132
(32) Priority Date :30/12/2003
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2004/003545
Filing Date :30/12/2004
(87) International Publication No :WO 2005/063768
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)SK CHEMICALS CO. LTD.

Address of Applicant :600 JUNGJA 1-DONG, JANGAN-GU,
SUWON-SI, KYUNGKI-DO 440-320, REPUBLIC OF KOREA
Republic of Korea

(72)Name of Inventor :

1)KIM HYUNG OOK

2)LEE NAM KYU

3)KIM JOO HYON

4)RHEE HAE IN

5)CHO YONG-BAIK

6)RYU JE HO

7)KIM NAM HO

8)RYU KEUN HO

9)YI JUNG BUM

10)JUNG JAE YOON

(57) Abstract :

This invention relates to novel pyridine derivatives having an inhibitory effect on production of cytokines, which are involved in inflammatory responses, thus suggesting its usefulness as therapeutic agents for treating diseases related to inflammation, immune, chronic inflammation as well as an agent having an anti-inflammatory and analgesic effect. Further, this invention relates to a method of manufacturing the same and a pharmaceutical composition containing the same.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4058/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :14/07/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : "PROCESS OF MAKING POLYPROPYLENE FROM INTERMEDIATE GRADE PROPYLENE"

(51) International classification	:C08F 110/06
(31) Priority Document No	:10/786,988
(32) Priority Date	:25/02/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2005/002959
Filing Date	:31/01/2005
(87) International Publication No	:WO 2005/082957
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)EXXONMOBIL CHEMICAL PATENTS INC
Address of Applicant :5200 BAYWAY DRIVE, BAYTOWN,
TEXAS 77520-5200, UNITED STATES OF AMERICA U.S.A.
(72)**Name of Inventor :**
1)COR. F. VAN EGMOND
2)LAWRENCE C. SMITH

(57) Abstract :

This invention concerns using an intermediate grade propylene stream as feed to a polypropylene forming reaction system. The intermediate grade propylene stream is preferably recovered from the olefin product of an oxygenate to olefins reaction process, and is low in dimethyl ether content.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4059/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application : 14/07/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : "SYSTEM, METHOD, APPARATUS, AND COMPUTER PROGRAM FOR WIRELESS COMMUNICATION"

(51) International classification	:H04L 25/02
(31) Priority Document No	:P2004-140488
(32) Priority Date	:10/05/2004
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2005/007747
Filing Date	:18/04/2005
(87) International Publication No	:WO 2005/109805
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)SONY CORPORATION
Address of Applicant :7-35, KITASHINAGAWA 6-CHOME,
SHINAGAWA-KU, TOKYO 141-0001, JAPAN Japan
(72)**Name of Inventor :**
1)HIROAKI TAKANO

(57) Abstract :

The disclosed invention enhances transmission efficiency by decreasing regions of reference signals which are attached to transmit packets from a transmitter during bidirectional SVD-MIMO communication. The transmitter transmits user data following a reference signal. At the other end, the receiver acquires a channel matrix, based on the reference signal attached preceding the user data, receives the user data, while weighting the data with receive weights derived from the channel matrix, adaptively estimates the channel matrix H as long as the user data is being received, and obtains transmit weights V for transmitting user data in the reverse direction from an adaptively estimated channel matrix H'.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2281/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :25/04/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : "DIGITAL RIGHTS MANAGEMENT STRUCTURE, PORTABLE STORAGE DEVICE, AND CONTENTS MANAGEMENT METHOD USING THE PORTABLE STORAGE DEVICE"

(51) International classification	:G06F 17/00	(71) Name of Applicant :
(31) Priority Document No	:10-2004-0019448	1)SAMSUNG ELECTRONICS CO., LTD.
(32) Priority Date	:22/03/2004	Address of Applicant :416, Maetan-dong, Yeongtong-gu, Suwon-si,
(33) Name of priority country	:Republic of Korea	Gyeonggi-do 442-742, Republic of Korea, Republic of Korea
(86) International Application No	:PCT/KR2005/000545	(72) Name of Inventor :
Filing Date	:28/02/2005	1)LEE, BYUNG-RAE
(87) International Publication No	:WO 2005/091162	2)KIM, TAE-SUNG
(61) Patent of Addition to Application Number	:NA	3)JUNG, KYUNG-IM
Filing Date	:NA	4)OH, YUN-SANG
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A digital rights management (DRM) structure, a portable storage device, and a contents management method using the portable storage device are provided to facilitate the move of a rights object or encrypted content. The digital rights management structure includes a security section comprising private key information and cryptographic method which are needed to decrypt information that has been encrypted by a host device, a restriction section comprising authentication information needed for authentication with the host device and rights object information regarding content, and a data section comprising encrypted content which the host device attempts accessing.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2282/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :25/04/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : "LEAD-ACID BATTERY AND MANUFACTURING METHOD THEREOF"

(51) International classification	:H01M 10/08
(31) Priority Document No	:2003-367255
(32) Priority Date	:28/10/2003
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2004/016282
Filing Date	:27/10/2004
(87) International Publication No	:WO 2005/041342
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)GS YUASA CORPORATION

Address of Applicant :1, Inobabacho, Kisshoin-nishinosho, Minami-ku, Kyoto-shi, Kyoto 601-8520, Japan, Japan

(72)Name of Inventor :

1)TAKAYUKI FUNATO,

2)JUNPEI YAMASHITA

(57) Abstract :

A lead-acid battery which comprises a positive electrode, a negative electrode, a separator and an electrolyte, wherein the electrolyte contains volatile organic acid and the content of volatile organic acid is 250 mg or lower per liter of the electrolyte. The present invention can improve the performance of the lead-acid battery.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2286/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :25/04/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : "PROCESS FOR PREPARING METHYLLITHIUM"

(51) International classification	:C04B 35/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/US2004/031211
Filing Date	:22/09/2004
(87) International Publication No	:WO 2005/047415
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)CHEMETALL FOOTE CORPORATION
Address of Applicant :348 Holiday Inn Drive, Kings Mountain, NC
28086 (USA) U.S.A.
(72)**Name of Inventor :**
1)HINTZE, Mark, J.
2)WEN, JING, Q.

(57) Abstract :

Methyl lithium is prepared by reacting chloromethane with a dispersion lithium metal in an aromatic organic solvent with methaltetrahydrofuran.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2287/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :25/04/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : PREFILLED PACKING USEABLE AS BAKING TIN AND A RECIPE FOR INGREDIENTS BEING PREFILLED IN THE PACKING

(51) International classification	:A21D 13/00	(71) Name of Applicant :
(31) Priority Document No	:DK20030001398	1)MILLSTONE A/S
(32) Priority Date	:26/09/2003	Address of Applicant :ØRNEVEJ 69, 1.TV, DK-2400,
(33) Name of priority country	:Denmark	COPENHAGEN NV, DENMARK Denmark
(86) International Application No	:PCT/DK2004/000653	(72) Name of Inventor :
Filing Date	:24/09/2004	1)ERIKSEN, PETER
(87) International Publication No	:NA	2)MØRCH, JACOB, SEBATIAN, LUNAU
(61) Patent of Addition to Application Number	:NA	3)ANGEL, FLEMMING
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

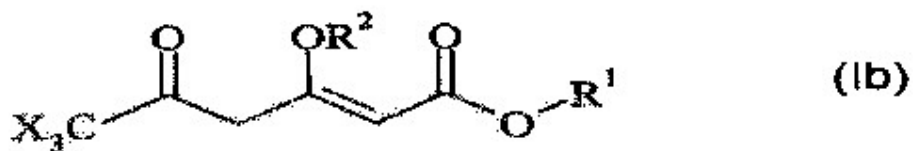
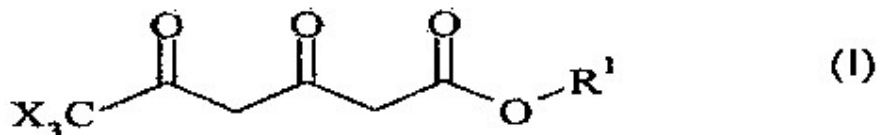
The present invention relates in a first aspect to a packing (1), preferably being a disposable packing, in which backing ingredients can be contained, bread and/or cake dough can be shaken or stirred, and bread and/or cake dough can be baked. In a second aspect the present invention relates to a method of producing bread and/or cake dough. An aim of the present invention is to render baking easy and comfortable, without the need for further aids.

(54) Title of the invention : METHOD FOR THE PRODUCTION OF 6,6,6-TRIALO-3,5-DIOXOHEXANOIC ACID ESTERS

(51) International classification	:C07C 67/03	(71)Name of Applicant :
(31) Priority Document No	:03024344.8	1)LONZA AG
(32) Priority Date	:24/10/2003	Address of Applicant :Münchensteinerstrasse 38, CH-4052
(33) Name of priority country	:Germany	Basel,(CH) Switzerland
(86) International Application No	:PCT/EP2004/011970	(72)Name of Inventor :
Filing Date	:22/10/2004	1)HANSELMANN, Paul
(87) International Publication No	:WO 2005/040087	2)WENGER, Wolfgang
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a method for the production of 6,6,6-trihalo-3,5-dioxohexanic acid esters of formula (I) in addition to the enols thereof and E and Z isomers, wherein X independently represents fluorine, chlorine or bromine and R1 represents alkyl, cycloalkyl, aryl or aralkyl. The invention also relates to a method for the production of enol ethers of formula (Ib) and the enols thereof (E and Z isomers) wherein X and R1 have the above-mentioned meaning.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.4093/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :17/07/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : "BATTERY PACK OF IMPROVED STRUCTURE"

(51) International classification	:H01M 2/10
(31) Priority Document No	:10-2004-0009502
(32) Priority Date	:13/02/2004
(33) Name of priority country	:Republic of Korea
(86) International Application No	:PCT/KR05/000299
Filing Date	:01/02/2005
(87) International Publication No	:WO 2005/078825
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)LG CHEM, LTD
Address of Applicant :20, YOIDO-DONG, YOUNGDUNGPO-GU,
SEOUL 150-721, REPUBLIC OF KOREA. Republic of Korea

(72)**Name of Inventor :**
1)KI EOB MOON
2)CHUN KIL JUNG
3)YOON SANG KOOK
4)DONG YOUL SUK

(57) Abstract :

A battery pack comprising a battery cell having electrode terminals formed on an upper surface of the battery cell, and a protective circuit module (PCM) block mounted on the battery cell, wherein one or more connecting holes for electrical connection between the battery cell and the PCM block are perforated through the PCM block such that a connecting portion between the battery cell and the PCM block is exposed to the outside of the upper surface of the battery cell. The battery pack is lighter, compacter and miniaturized, thereby allowing an electronic device employing the battery pack to be reduced in an overall size, enhancing workability through a simplified assembling process, reducing manufacturing costs through reduction of the number of components, and enhancing productivity through reduction of the number of operating steps by eliminating additional installation steps.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3810/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :03/07/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : IMPROVEMENTS IN AND RELATING TO ELECTRICAL POWER, COMMUNICATION AND DATA CABLE MANAGEMENT SYSTEMS

(51) International classification	:H01R 25/00
(31) Priority Document No	:0328247.2
(32) Priority Date	:06/12/2003
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/IB2004/004327
Filing Date	:06/12/2004
(87) International Publication No	:WO 2005/057736
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)INTERPLAST CO. LIMITED
Address of Applicant :P.O. BOX 4679, SHARJAH, UAE U.A.E.
(72)**Name of Inventor :**
1)OHANESIAN HAROUT

(57) Abstract :

According to a first aspect of the invention there is provided an electrical distribution system (1) comprising or including an insulating track (4) for insulating an electrically conducting track (5) connectable to an electric power supply, one or more electric power take off sockets (2), each for receiving in electrical contact therewith an electric plug when inserted therein, characterised in that the or each socket (2) has electrical contacts (48, 49 and 50) engageable via a push fit with a slideable carriage (23) electrically connectable to the electrically conducting track (5) and being adapted to slide therealong, and locking means (32, 33) whereby the or each socket may be selectably locked in place along the electrically conductive track, thereby to position and re-position as required said the or each electric power take off socket.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4071/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :14/07/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : "A MEHTOD OF PACKET SWITCHED HANDOVER"

(51) International classification	:H04Q 7/38
(31) Priority Document No	:0405389.8
(32) Priority Date	:11/03/2004
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/GB2005/000697
Filing Date	:24/02/2005
(87) International Publication No	:WO 2005/089002
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)SIEMENS AKTIENGELELLSCHAFT
Address of Applicant :WITTELSBACHERPLATZ 2, 80333
MUNCHEN , GERMANY Germany
(72)**Name of Inventor :**
1)DAVIS SIMON PAUL

(57) Abstract :

A method of packet switched handover in a mobile communication system comprising a terminal (21), a source node (23) and a destination node (25) comprises negotiating protocol parameters for the destination node on behalf of a new network entity, by communicating with an old network entity whilst the terminal is still connected to the source node; and completing the packet switched handover, such that service interruption is reduced.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4072/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :14/07/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : "METHOD FOR SWITCHING BETWEEN A PACKET-ORIENTED PTT SESSION AND A LINE-ORIENTED TELEPHONE CONNECTION AMONG AT LEAST TWO RADIO COMMUNICATION TERMINALS"

(51) International classification :H04Q 7/28
(31) Priority Document No :102004007216.7
(32) Priority Date :13/02/2004
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2005/050257
Filing Date :21/01/2005
(87) International Publication No :WO 2005/079088
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)SIEMENS AKTIENGESELLSCHAFT
Address of Applicant :WITTELSBACHERPLATZ 2, 80333
MUNCHEN, GERMANY Germany
(72)**Name of Inventor :**
1)OLAF KAUTZ
2)JOSEF LAUMEN
3)NORBERT SCHWAGMANN

(57) Abstract :

The aim of the invention is to be able to switch between a packet-oriented PTT session (PC) and a line-oriented telephone connection (TC) as selectable communication links among at least one first involved radio communication device (UE1) and at least one second involved radio communication device (UE2) of a radio communication system (FC). Said aim is achieved by selecting and establishing a first of said two communication links (PC) with the aid of at least one involved radio communication device (UE1) and/or at least one control unit (PTTS1) of the radio network of the radio communication system (FC). Switching takes place from said established, first communication link (PC) under the control of a radio I communication device (UE1) involved in the first communication link (PC) and/or the control unit (PTTS1) of the radio network of the radio communication system (FC) involved in the first communication link (PC) by activating the second communication link (TC) which the first communication link (PC) is still active.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4073/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :14/07/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : "BALANCING AN INDIVIDUAL'S SOUND AND LIGHT ENVIRONMENT"

(51) International classification	:A61H 1/00
(31) Priority Document No	:60/530,732
(32) Priority Date	:17/12/2003
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2004/042451
Filing Date	:17/12/2004
(87) International Publication No	:WO 2005/058144
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)MCNEW, BARRY
Address of Applicant :34 NORTH ALAMOS DRIVE,
COTTONWOOD, AR 86326, U.S.A. U.S.A.
(72)**Name of Inventor :**
1)MCNEW, BARRY

(57) Abstract :

An system, apparatus, and method are disclosed for therapeutic light and sound, including exposing a user to spectral light and laterally directed sound and adjusting the manner of exposure sufficient to elicit a desired autonomic nervous response. The autonomic nervous response including in at least one instance a quieting or stopping of involuntary movement in and around the eyes.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4075/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :14/07/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : "STEREOSELECTIVE SYNTHESIS OF VITAMIN D ANALOGUES "

(51) International classification	:C07C 401/00
(31) Priority Document No	:60/553,962
(32) Priority Date	:18/03/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/DK2005/000161
Filing Date	:10/03/2005
(87) International Publication No	:WO 2005/087719
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)LEO PHARMA A/S
Address of Applicant :INDUSTRI PARKEN 55, DK-2750
BALLERUP, DENMARK. Denmark
(72)**Name of Inventor :**
1)SABROE THOMAS PETER
2)CALVERLEY MARTIN JOHN

(57) Abstract :

The present invention relates to intermediates useful for the synthesis of calcipotriol or calcipotriol monohydrate, to methods of producing said intermediates, and to methods of stereoselectively reducing said intermediates.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4110/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application : 17/07/2006

(43) Publication Date : 22/06/2007

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

(51) International classification	:C07C 45/51
(31) Priority Document No	:04002422.6
(32) Priority Date	:04/02/2004
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/EP2005/000795
Filing Date	:27/01/2005
(87) International Publication No	:WO/2005/075400
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71) **Name of Applicant :**
1)DSM IP ASSETS B.V.
Address of Applicant :Het Overloon 1, NL-6411 TE Heerlen, The Netherlands). Netherlands

(72) **Name of Inventor :**
1)BONRATH, Werner
2)CREVATIN, Aljosa
3)AQUINO, Fabrice

(57) Abstract :

Methylheptenone (2-methyl-2-hepten-6-one) is prepared by reacting 2-methyl-buten-2-ol with isopropenyl methyl ether in the presence of hydrog tris(oxalato)phosphate or hydrogen bis(oxalato)borate.

(54) Title of the invention : "CRYOGENIC AIR SEPARATION PROCESS AND APPARATUS"

(51) International classification :F25J 3/04
 (31) Priority Document No :60/532,219
 (32) Priority Date :23/12/2003
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/IB2004/003405
 Filing Date :18/10/2004
 (87) International Publication No :WO/2005/064252
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

**1)L'AIR LIQUIDE - SOCIETE ANONYME A DIRECTOIRE ET
 CONSEIL DE SURVEILLANCE POUR L'ETUDE ET
 L'EXPLOITATI**

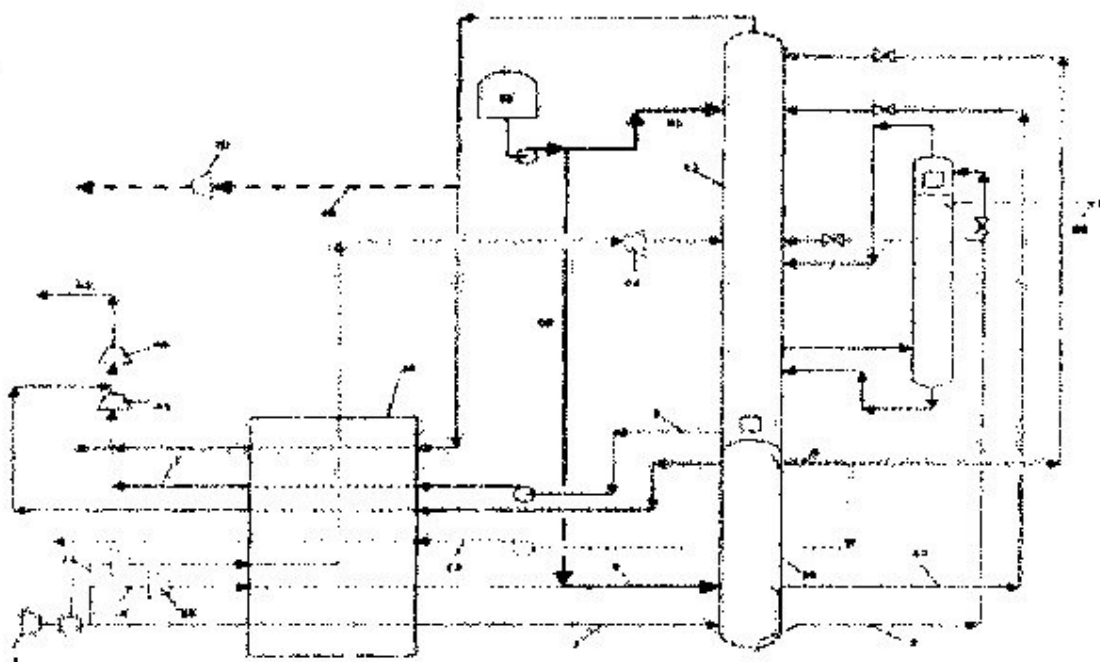
Address of Applicant :75, QUAI D'ORSAY, F-75321 PARIS
 CEDEX 07 (FR). France

(72)Name of Inventor :

**1)BRUGEROLLE, JEAN-RENAUD
 2)HA, BAO**

(57) Abstract :

A low temperature air separation process and apparatus for producing pressurized gaseous product in an air separation unit using a system of distillation columns (10,11) which include cooling a compressed air stream in a heat exchange line (30) to form a compressed cooled air stream, sending at least part of the compressed, cooled air stream to a column of the system, liquefying (60) a process stream (47) to form a first liquid product, storing at least part of the first liquid product in a storage tank (50), sending at least part of the above first liquid product from the storage tank to the air separation unit as one of the feeds (60,61), extracting at least one second liquid product stream from a column of the column system and pressurizing the at least one second liquid product stream (6), vaporizing the above pressurized second liquid product stream to form pressurized gaseous product in the heat exchange line and extracting a cold gas (40)(without warming it completely in the heat exchange line.



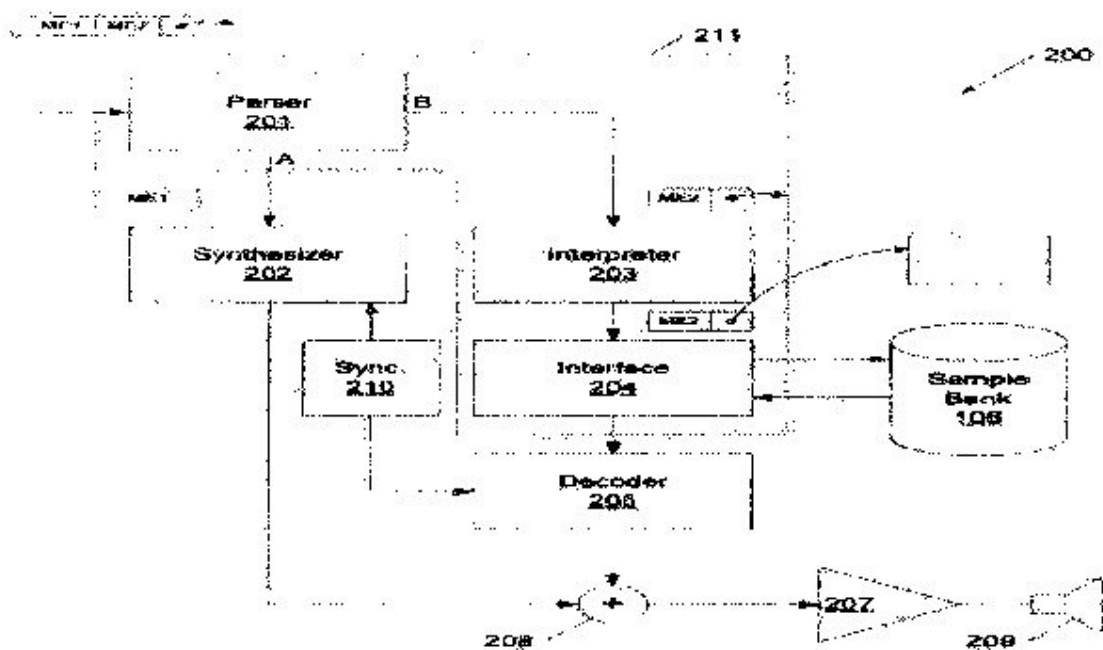
(54) Title of the invention : ADVANCED MULTI-SENSOR PROCESSING

(51) International classification :H04Q 7/38
 (31) Priority Document No :03104952.1
 (32) Priority Date :23/12/2003
 (33) Name of priority country :EUROPEAN
 UNION
 (86) International Application No :PCT/EP2004/052701
 Filing Date :28/10/2004
 (87) International Publication No :WO 2005/064975
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :
1)TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)
 Address of Applicant :SE-164 83 STOCKHOLM (SE) Sweden
 (72)Name of Inventor :
1)LARSSON, PETER

(57) Abstract :

The invention considers a plurality of receiving nodes (120-1, 120-2 and 120-3) such as base stations in a wireless network. Each receiving node (120) converts a superposition of signals received from a plurality of transmitting nodes such as mobile terminals (10) to produce soft complex signal information. A basic idea according to the invention is to collect the soft complex signal information associated with the considered plurality of receiving nodes, for example in a central node (130) and jointly detect signal information transmitted from at least a subset of the plurality of transmitting nodes (10) based on the collected soft complex signal information. The collected soft signal information generally retains phase and amplitude information, and the transmitted signals are preferably detected in a joint detection process based on a complex channel representation and collected soft signal information. In a truly distributed realization, adjacent receiving nodes or base stations exchange soft complex signal information with each other, thus forming at least partially overlapping groups for distributed collection of information, detection and subsequent decoding in each base station.



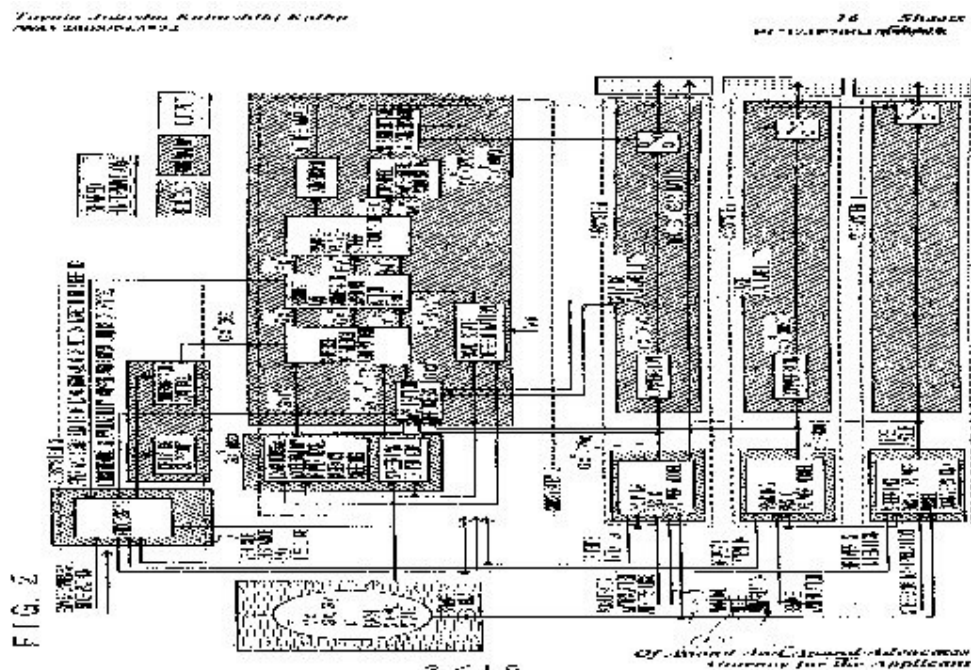
(54) Title of the invention : "VEHICLE INTEGRATED CONTROL SYSTEM"

(51) International classification :B60K 41/28
 (31) Priority Document No :2003-430233
 (32) Priority Date :25/12/2003
 (33) Name of priority country :Japan
 (86) International Application No :PCT/JP2004/018968
 Filing Date :13/12/2004
 (87) International Publication No :WO 2005/063524
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :
1)TOYOTA JIDOSHA KABUSHIKI KAISHA
 Address of Applicant :1 TOYOTA-CHO, TOYOTA-SHI, AICHI-KEN, 471-8571, JAPAN Japan
 (72)Name of Inventor :
1)HASHIMOTO YOSHIYUKI
2)HIROSE MASANORI
3)OTAKE HIROTADA
4)TAKAMATSU HIDEKI

(57) Abstract :

To provide a vehicle integrated control system having the fail-safe faculty improved and capable of readily accommodating addition of a vehicle control function. [Solving Means] An integrated control system includes a subsystem 1 with a driving system control subsystem controlling a driving system, a brake system control subsystem controlling a brake system, and a steering system control subsystem controlling a steering system, a subsystem 2 stabilizing a current dynamic state of the vehicle, a subsystem 3 realizing a driving support function such as automatic cruising, and a storage unit for storing shared signals. Each subsystem includes a request unit, an arbitration unit, and an output unit.



(54) Title of the invention : "PROCESS FOR PREPARING AMINO CROTONYL COMPOUNDS"

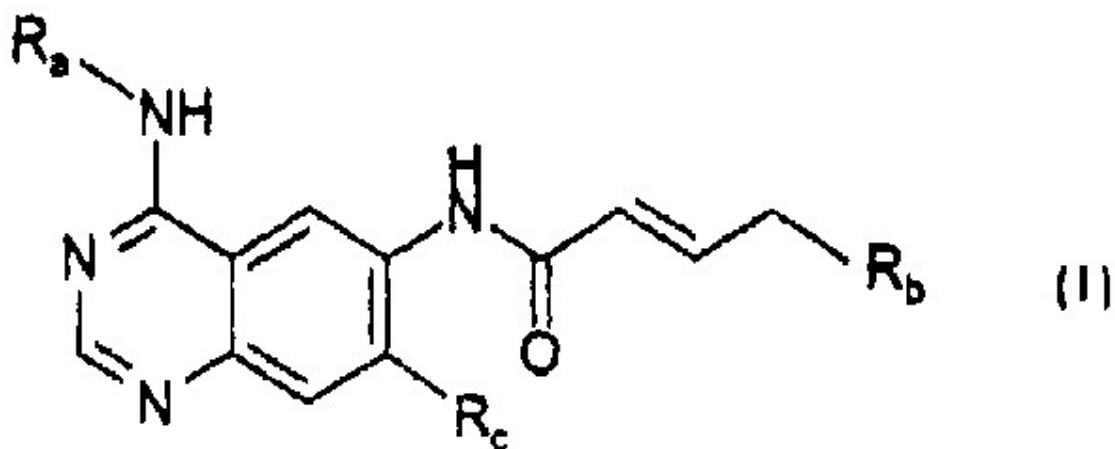
(51) International classification	:C07D 405/12
(31) Priority Document No	:103 49 113.9
(32) Priority Date	:17/10/2003
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2004/011378
Filing Date	:12/10/2004
(87) International Publication No	:WO 2005/037824
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :
1)BOEHRINGER INGELHEIM INTERNATIONAL GMBH
 Address of Applicant :Binger Strasse 173, 55216 Ingelheim,
 Germany Germany

(72)Name of Inventor :
1)WERNER RALL
2)RAINER SOYKA
3)CHRISTIAN KULINNA
4)JUERGEN SCHNAUBELT
5)PETER SIEGER

(57) Abstract :

The invention relates to quinazoline derivatives of general formula (I), wherein Ra, Rb, and Rt have the meaning defined in claim 1. to their tautomers, their stereoisomers and their salts, especially their physiologically acceptable salts with inorganic or organic (I) acids. Said compounds have valuable pharmacological properties, especially an inhibiting effect upon signal transduction caused by tyrosine kinase. The invention further relates to their utilization in the treatment of diseases, especially of tumoral diseases, diseases of the lung and the respiratory tract and to the production of said compounds.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.2030/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :13/04/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : "HIGH SPEED MEDIA ACCESS CONTROL WITH LEGACY SYSTEM INTEROPERABILITY"

(51) International classification	:H04L 12/66
(31) Priority Document No	:60/511,904
(32) Priority Date	:15/10/2003
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2004/034063
Filing Date	:15/10/2004
(87) International Publication No	:WO 2005/039133
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)QUALCOMM INCORPORATED
Address of Applicant :5775 Morehouse Drive, San Diego, California
92121-1714, United States of America U.S.A.
(72)**Name of Inventor :**
1)RODNEY J. WALTON
2)JOHN W. KETCHUM
3)SANJIV NANDA

(57) Abstract :

Techniques for MAC processing for efficient use of high throughput systems that is backward compatible with various types of legacy systems are disclosed. In one aspect a first signal is transmitted according to a legacy transmission format to reserve a portion of a shared medium, and communication according to a second transmission format transpires during the reserved portion. In another aspect, a communication device may contend for access on a legacy system, and then communicate according to a new class communication protocol with one or more remote communication devices during the access period. In another aspect, a device may request access to a shared medium according to a legacy protocol, and, upon grant of access, the device may communicate with or facilitate communication between one or more remote stations according to a new protocol.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2031/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :13/04/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : "2,(3-4-DIMETHYLPHENYL)-4-{ [2-HYDROXY-3'-(1H-TETRAZOL-5-YL)BIPHENYL-3-YL] HYDRAZONO}-5-METHYL-2,4-DIHYDROPYRAZOL-3-ONE CHOLINE"

(51) International classification	:A61K
(31) Priority Document No	:60/513,481
(32) Priority Date	:22/10/2003
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2004/034944
Filing Date	:21/10/2004
(87) International Publication No	:WO 2005/041867
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)SMITHKLINE BEECHAM CORPORATION
Address of Applicant :One Franklin Plaza, P.O Box 7929,
Philadelphia, Pennsylvania 19101, United States of America U.S.A.
(72)**Name of Inventor :**
1)CHRISTOPHER S. BROOK
2)LI-JEN J.PING

(57) Abstract :

An improved thrombopoietin mimetic, the choline salt of 2-(3,4-dimethylphenyl)-4-[[2-hydroxy-3'-(1]I-tetrazol-5-yl)biphenyl-3-y]]-hydrazono}-5-methyl-2,4-dihydropyra.ol-3-one.

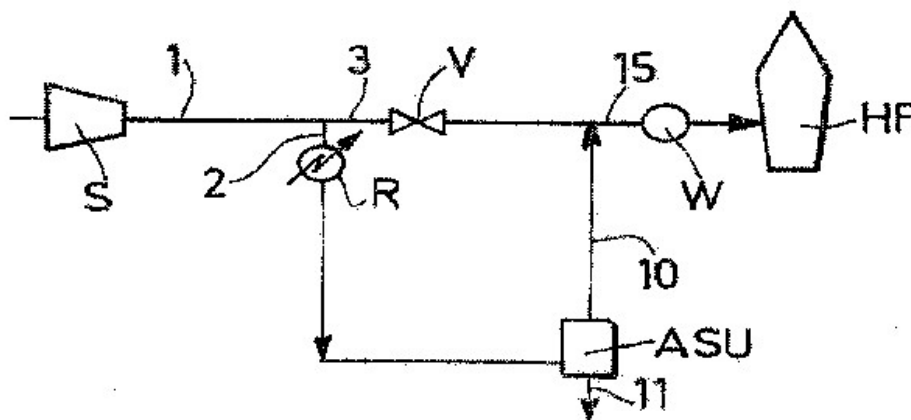
(54) Title of the invention : "METHOD AND INSTALLATION FOR ENRICHING A GAS STREAM WITH ONE OF THE COMPONENTS THEREOF"

(51) International classification :F25J 3/00
 (31) Priority Document No :0350819
 (32) Priority Date :10/11/2003
 (33) Name of priority country :France
 (86) International Application No :PCT/FR2004/050570
 Filing Date :05/11/2004
 (87) International Publication No :WO 2005/047790
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :
1)L'AIR LIQUIDE, SOCIETE ANONYME A DIRECTOIRE ET CONSEIL DE SURVEILLANCE POUR L'ETUDE ET L'EXPLOITATIO
 Address of Applicant :75 Quai d'Orsay, F-75321 Paris Cedex 07, France, France
 (72)Name of Inventor :
1)PATRICK LE BOT
2)XAVIER PONTONE

(57) Abstract :

The invention relates to a method of enriching a pressurised gas stream (1) with one of the components (A) thereof. The inventive method comprises the following steps: the stream is separated into at least first and second fractions (2, 3); at least one part of the first fraction (2) is sent to a separation unit (ASU); the separation unit supplies at least two discharges, including a first discharge (10) having a greater A content than that of the fraction (2) supplied to the separation unit; at least one part of the first discharge (10) is mixed with at least one part of the second fraction (3) such as to form a pressurised gas mixture (15); the second fraction (3) is expanded and, subsequently, at least one part of the first discharge (10) is mixed therein.



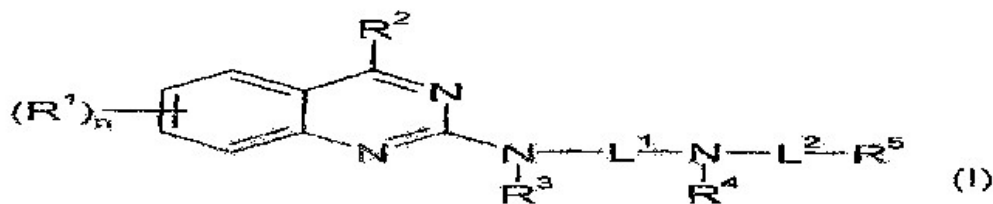
(54) Title of the invention : "EFFICIENT AXIAL AIRGAP ELECTRIC MACHINE HAVING A FRONTIRON"

(51) International classification : A61L 2/20
 (31) Priority Document No : 60/509,222
 (32) Priority Date : 06/10/2003
 (33) Name of priority country : U.S.A.
 (86) International Application No : PCT/US2004/032904
 Filing Date : 06/10/2004
 (87) International Publication No : WO 2005/118004
 (61) Patent of Addition to Application Number : NA
 Filing Date : NA
 (62) Divisional to to Application Number : NA
 Filing Date : NA

(71) Name of Applicant :
1) LIGHT ENGINEERING, INC
 Address of Applicant : 8158 Zionsville Road, Indianapolis, IN 46268,
 United States of America U.S.A.
 (72) Name of Inventor :
1) BURLEY C. SEMONES
2) ANDREW D. HIRZEL

(57) Abstract :

A rotating, dynamoelectric machine, such as an electric motor, a generator, or a regenerative motor, comprises a stator assembly that includes a backiron section, a plurality of stator tooth sections, and a frontiron. The dynamoelectric machine has an axial airgap-type configuration. In addition, the electric machine has a high pole count that operates at high commutating frequencies, with high efficiency, high power density and reduced heating in the rotor. Low-loss materials employed in the dynamoelectric machine include amorphous metals, nanocrystalline metals, optimized Fe-based alloys, and optimized grain-oriented Fe-based materials or non-grain-oriented Fe-based materials.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.2129/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :19/04/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : BANK TRANSACTION SYSTEM LINKING ACCOUNTS VIA COMMON ACCOUNTS

(51) International classification	:G06F 17/60
(31) Priority Document No	:10-2003-0092845
(32) Priority Date	:18/12/2003
(33) Name of priority country	:Republic of Korea
(86) International Application No	:PCT/KR2004/003250
Filing Date	:10/12/2004
(87) International Publication No	:WO 2005/059794
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)TEACHIWORLD CO., LTD.
Address of Applicant :#302,35-3, YOIDO-DONG,YOUNGDEUNGPO-GU,SEOUL 150-704(KR). Republic of Korea
(72)**Name of Inventor :**
1)HUH, INGHOO

(57) Abstract :

The present invention discloses a bank transaction system linking accounts via common accounts, wherein the existing accounts of the account holder and/or newly opened plural accounts link arbitrarily as defined by the account holder for convenient transactions between account holder's primary account and other's secondary accounts without using account numbers of the concerned accounts. To fulfill the purpose, the present invention enables the account holder to make transactions on a primary account as well on linked secondary accounts in real time; and the said primary and secondary accounts are also offered for independent transaction as ordinary bank accounts. In addition, the classification and management of the said primary and secondary accounts are attainable through the individual account number with specified account code given by the bank to achieve transactions between the said primary and secondary accounts while implementing the conventional banking sysem. Furthermore, transaction to the external transaction network including payment gateway can be processed without changing the existing data format, both of account holders' and bank's convenience is maximized.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2130/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :19/04/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : "BANK TRANSACTION METHOD LINKING ACCOUNTS VIA COMMON ACCOUNTS"

(51) International classification	:G06F 17/60
(31) Priority Document No	:10-2003-0092845
(32) Priority Date	:18/12/2003
(33) Name of priority country	:Republic of Korea
(86) International Application No	:PCT/KR2004/003252
Filing Date	:10/12/2004
(87) International Publication No	:WO 2005/059795
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)TEACHIWORLD CO. LTD.
Address of Applicant :#302,35-3,YOIDA-DONG,YOUNGDEUNGPO-GU-SEOUL 150-704(KR). Republic of Korea
(72)**Name of Inventor :**
1)HUH INGHOO

(57) Abstract :

The present invention discloses a bank transaction method linking accounts via common accounts, wherein the existing accounts of the account holder and/or newly opened plural accounts link arbitrarily as defined by the account holder for convenient transactions between account holder's primary account and other's secondary accounts without using account numbers of the concerned accounts. To fulfill, the purpose, the present invention enables the account holder to make transactions on a primary account as well on linked secondary accounts in real time; and the said primary and secondary accounts are also offered for independent transaction as ordinary bank accounts. In addition, the classification and management of the said primary and secondary accounts are attainable through the individual account number with specified account code given by the bank to achieve transactions between the said primary and secondary accounts while implementing the conventional banking system. Furthermore, transaction to the external transaction network including payment gateway can be processed without changing the existing data format, both of account holders' and bank's convenience is maximized.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3726/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :28/06/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : "SPIN COATING APPARATUS"

(51) International classification	:B05C 11/08
(31) Priority Document No	:2003-429087
(32) Priority Date	:25/12/2003
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2004/018793
Filing Date	:16/12/2004
(87) International Publication No	:WO 2005/063409
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)ORIGIN ELECTRIC COMPANY, LIMITED
Address of Applicant :18-1, TAKADA 1-CHOME, TOSHIMA-KU,
TOKYO-1718555, JAPAN Japan

(72)**Name of Inventor :**
1)INAYA, KOSUKE

(57) Abstract :

A spin coating apparatus including: a rotation table that holds a disc substrate; a rotation unit that rotates the rotation table; a coater cover that is set to cover the rotation table and that receives liquid spun off from the disc substrate held on the rotation table; an inner cup that receives the liquid directed and dripped off from the coater cover and that does not exhaust it; and a coater cup that supports the inner cup, wherein: the inner cup is detachable from the coater cup.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4177/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :19/07/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : "COMPRESSION CONNECTOR WITH INTEGRAL COUPLER"

(51) International classification	:H01R 9/05
(31) Priority Document No	:10/771,899
(32) Priority Date	:04/02/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2005/001976
Filing Date	:21/01/2005
(87) International Publication No	:WO2005/078866
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)JOHN MEZZALINGUA ASSOCIATES, INC.
Address of Applicant :6176 EAST MOLLY ROAD, EAST
SYRACUSE, NEW YORK 13057-0278, USA. U.S.A.
(72)**Name of Inventor :**
1)MONTENA NOAH

(57) Abstract :

A compression connector body for connecting a hardline cable to an equipment port is formed in two members coupled to each other by a coupling nut. A port-side member houses a conductive pin and associated elements, while a cable-side member is attached to the cable via a compression fit. With this arrangement, when servicing the equipment, the cable-side member and attached cable are removed from the port-side member without affecting the connection between the cable and the cable-side member. The port-side member is then disconnected from the equipment port. After servicing the equipment, the port-side member is reconnected to the equipment port, after which the cable-side member is reconnected to the port-side member, thus alleviating the need to cut and prepare a new length of cable for connection to the equipment port.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3761/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :30/06/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : "PROCESS FOR PREPARING ASPARTATES BACKGROUND OF THE INVENTION"

(51) International classification	:C07D 207/416
(31) Priority Document No	:10/761,643
(32) Priority Date	:21/01/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2005/001789
Filing Date	:18/01/2005
(87) International Publication No	:WO 2005/073188
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)BAYER MATERIALSCIENCE LLC

Address of Applicant :100 BAYER ROAD, PITTSBURGH, PA
15205-9741, USA U.S.A.

(72)Name of Inventor :

1)KARSTEN DANIELMEIER

2)CHARLES A. GAMBINO

3)ROLF GERTZMANN

4)RICHARD R. ROESLER

5)TERRELL D. WAYT

6)MICHELE E. VARGO

7)EDWARD P. SQUILLER

8)KAREN M. HENDERSON

(57) Abstract :

The present invention relates to novel aspartates, their method of production and the use of these aspartates as reactive components for polyisocyanates in two-component polyurethane coating compositions and for preparing polyurethane prepolymers. The aspartates are prepared by first reacting a di- or polyamine with an unsaturated ester and then reacting the resultant product with a maleimide.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4220/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :21/07/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : "FLEXIBLE PROCESS OPTIMIZER"

(51) International classification	: G01C 19/00
(31) Priority Document No	:10/764,615
(32) Priority Date	:26/01/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2005/000345
Filing Date	:06/01/2005
(87) International Publication No	:WO 2005/072465
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)ANR, L.P.

Address of Applicant :17 PRESIDENTIAL DRIVE, OAK RIDGE,
TN 37830, UNITED STATES OF AMERICA U.S.A.

(72)Name of Inventor :

1)BHATEJA, CHANDER, P.

2)BHATEJA, RAJIV, K.

(57) Abstract :

A flexible process optimizer for recording and analyzing various parameters to improve the efficiency of a production process. The flexible process optimizer acquires and conditions signals from a variety of transducers mounted on a production machine. Through qualitative and quantitative data analysis, specific aspects of the production process which need improvement are identified. The qualitative evaluation looks at the presence, absence, or duration of certain features of the production cycle as revealed by the sensor data. The quantitative evaluation of data involves the computation of certain data attributes. By providing useful data acquisition and data analysis tools, necessary adjustments are made to the required parameters of the production process to provide improved efficiency. The results of the changes are immediately verifiable using the flexible process optimizer.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4222/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :21/07/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : INHIBITORS OF CYCLIN-DEPENDENT KINASES, COMPOSITIONS AND USES RELATED THERETO

(51) International classification	:C07D 487/04
(31) Priority Document No	:60/531,872
(32) Priority Date	:23/12/2003
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2004/043492
Filing Date	:21/12/2004
(87) International Publication No	:WO 2005/063765
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)GPC BIOTECH, INC

Address of Applicant :610 LINCOLN STREET, WALTHAM, MA
02451 (US) U.S.A.

(72)Name of Inventor :

1)BOCKOVICH, NICHOLAS

2)KLUGE, ARTHUR, F.

3)OALMANN, CHRIS

4)MURTHI, KRISHNA, K.

5)RAM, SIYA

6)WANG, ZHONGGUO

7)HUANG, JIANXING

(57) Abstract :

The invention pertains to novel cyclin dependent kinase inhibitors (cdks) of formula (I) wherein the substituents are as defined in the claims and specifically, but not exclusively, as inhibitors of cdk/cyclin complexes. As described herein, the inhibitors of this invention are capable of inhibiting the cell-cycle machinery and consequently may be useful in modulating cell-cycle progression, ultimately controlling cell growth and differentiation. Such compounds would be useful for treating subjects having disorders associated with excessive cell proliferation.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4225/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :21/07/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : "DEVICE FOR THE REGULATION OF FLOW APPLIED TO FLOW VALVES WORKING UNDER PRESSURE DIFFERENTIAL"

(51) International classification	:F16K 25/02
(31) Priority Document No	:10/766,856
(32) Priority Date	:30/01/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2005/002347
Filing Date	:27/01/2005
(87) International Publication No	:WO 2005/074510
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71) Name of Applicant : 1)MFC SYSTEM, LLC Address of Applicant :1420 KING STREET, SUITE 600, ALEXANDRIA, VIRGINIA 22314, USA U.S.A.
(72) Name of Inventor : 1)PEREZ, C., SERGIO

(57) Abstract :

A device (1) for regulating flow comprises a main valve operating under differential pressure wherein the main valve has a main flow inlet (112) and a main flow outlet (113). The main flow inlet is equipped with a valve seat (114) over which a main shutter (100) is adjusted in a perpendicular direction to its shuttering plane. The main shutter has a hole (111) on its locking face communicating with a pressure chamber (110) disposed above the main shutter. A secondary control valve (105) regulates small flows through the hole so as to create greater or less pressure within the pressure chamber to close or open the main shutter

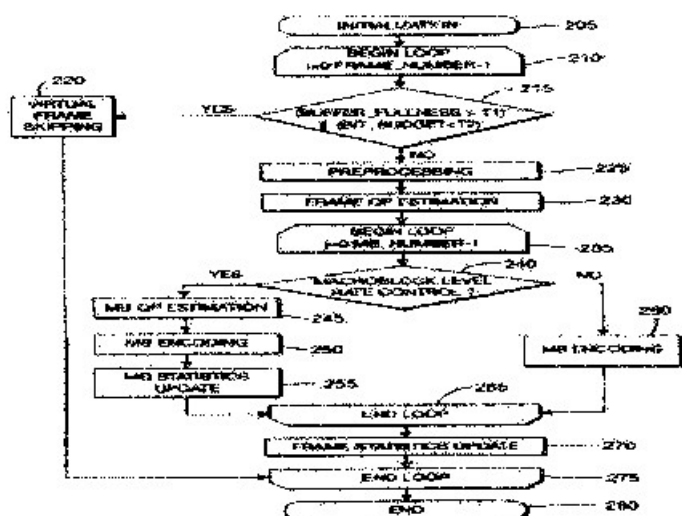
(54) Title of the invention : ENCODER WITH ADAPTIVE RATE CONTROL FOR H.264

(51) International classification :H04N 7/50
 (31) Priority Document No :60/540634
 (32) Priority Date :30/01/2004
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2005/000755
 Filing Date :11/01/2005
 (87) International Publication No :WO 2005/076632
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :
1)THOMSON LICENSING
 Address of Applicant :46, QUAI A. LE GALLO, F-92100
 BOULOGNE, BILLANCOURT, FRANCE France
 (72)Name of Inventor :
1)YIN, PENG
2)BOYCE, JILL, MACDONALD

(57) Abstract :

A video encoder (100) is disclosed, the encoder for encoding image frames that are divisible into macroblocks. The video encoder (100) includes means (130) for generating a QP estimate for the macroblocks of an image frame. The video encoder further includes means (130) for selection of a frame level quantization parameter (QP) for the image frame, using one of mean, median, and mode of QP estimates for the macroblocks. A method for encoding video is disclosed for encoding image frames that are divisible into macroblocks. The method generates (225) a quantization parameter (QP) estimate for the macroblocks of an image frame and selects (230) a frame level QP for the image frame, using one of mean, median, and mode of QP estimates for the macroblocks.



(54) Title of the invention : "PROCESS FOR CROSS COUPLING INDOLES"

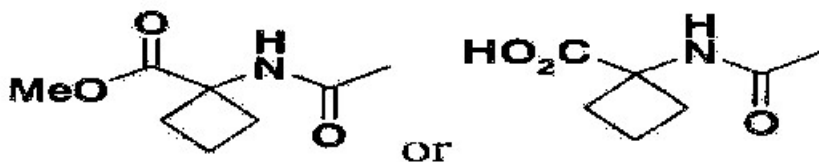
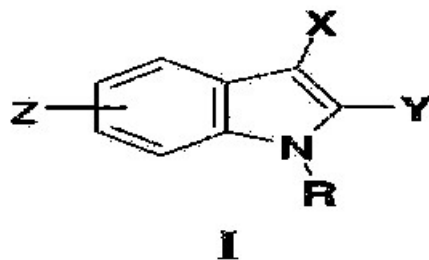
(51) International classification :C07D 209/30
 (31) Priority Document No :60/551,107
 (32) Priority Date :08/03/2004
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2005/006919
 Filing Date :07/03/2005
 (87) International Publication No :WO 2005/092855
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :
1)BOEHRINGER INGELHEIM PHARMACEUTICALS, INC.
 Address of Applicant :900 RIDGEBURY ROAD, P.O. BOX 368,
 RIDGEFIELD, CONNECTICUT 06877-0368, USA U.S.A.

(72)Name of Inventor :
1)AHMAD KHODABOCUS
2)GUISHENG LI
3)ZHI-HUI LU
4)FRANK ROSCHANGAR
5)HUGH CHRIS SENANAYAKE
6)MING SHEN

(57) Abstract :

The present invention provides a process for making a compound of general formula I: wherein: R = H or C1-8 alkyl X = C3 -C8 cycloalkyl, C3 -C8 aryl or C3 - C8 alkyl; Y = heteroaryl or aryl; Z = H, HO₂C-, C1-8 alkyl O₂C-, C1-6 alkyl HNC(O)-, and as described herein.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.3787/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :03/07/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : "FLAME RETARDED FIBERS AND FILAMENTS AND PROCESS OF PRODUCTION THEREFOR"

(51) International classification	:D01F 1/07
(31) Priority Document No	:10/762,787
(32) Priority Date	:21/01/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2004/033756
Filing Date	:12/10/2004
(87) International Publication No	:WO 2005/095685
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)ALBEMARLE CORPORATION

Address of Applicant :451 FLORIDA STREET, BATON ROUGE,
LOUISIANA 70801-1765, UNITED STATES OF AMERICA, U.S.A.

(72)Name of Inventor :

1)JON SHANNON REED

2)DANIEL A. DE SCHRYVER

(57) Abstract :

A fiber or filament which is formed from ingredients comprising (a) at least one fiber-forming thermoplastic polymer, and (b) at least one polybrominated anionic styrenic polymer is provided The polybrominated anionic styrenic polymer has a bromine content of at least about 50 wt%. Processes for producing such fibers or filaments are also provided.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3790/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :03/07/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : ""WIRELESS COMMUNICATION APPARATUS"

(51) International classification	:H04J 13/00
(31) Priority Document No	:P2005-014608
(32) Priority Date	:21/01/2005
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2005/024044
Filing Date	:28/12/2005
(87) International Publication No	:WO 2006/077733
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)SONY CORPORATION
Address of Applicant :7-35, KITASHINAGAWA 6-CHOME,
SHINAGAWA-KU, TOKYO-141-0001, JAPAN. Japan
(72)**Name of Inventor :**
1)SACHIO IIDA

(57) Abstract :

The present invention eliminates a DC offset problem due to self-mixing in performing frequency conversion on a multiband OFDM_UWB signal by a direct conversion scheme. Capacitors #1, #2, and #3 are provided for each of the hopping bands #1, #2, and #3 . Capacitors are switched in synchronization with frequency hopping. For example, capacitor #1 stores electric charge just before frequency hopping from band #1 to another band #2, and continues a step response after hopping to band #1 again. Soon, the charging/discharging of capacitor #1 ceases and reaches a steady state.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3795/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :03/07/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : "METAL DUSTING RESISTANT STABLE-CARBIDE FORMING ALLOY SURFACES"

(51) International classification	:C23C 8/28
(31) Priority Document No	:60/541,359
(32) Priority Date	:03/02/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2005/002862
Filing Date	:02/02/2005
(87) International Publication No	:WO 2005/075698
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

**1)EXXONMOBIL RESEARCH AND ENGINEERING
COMPANY**

Address of Applicant :1545 ROUTE 22 EAST, P.O. BOX 900,
ANNADALE, NEW JERSEY 08801-0900, UNITED STATES OF
AMERICA U.S.A.

(72)Name of Inventor :

1)CHANG MIN CHUN

2)JAMES D III MUMFORD

3)TRIKUR A. RAMANARAYAN

(57) Abstract :

A metal dusting resistant composition comprises an alloy capable of forming a thermally stable titanium carbide coating on its surface when exposed to a carbon supersaturated environment and, a protective coating on the alloy surface comprising an outer oxide layer and an inner carbide layer between the alloy surface and the outer layer.

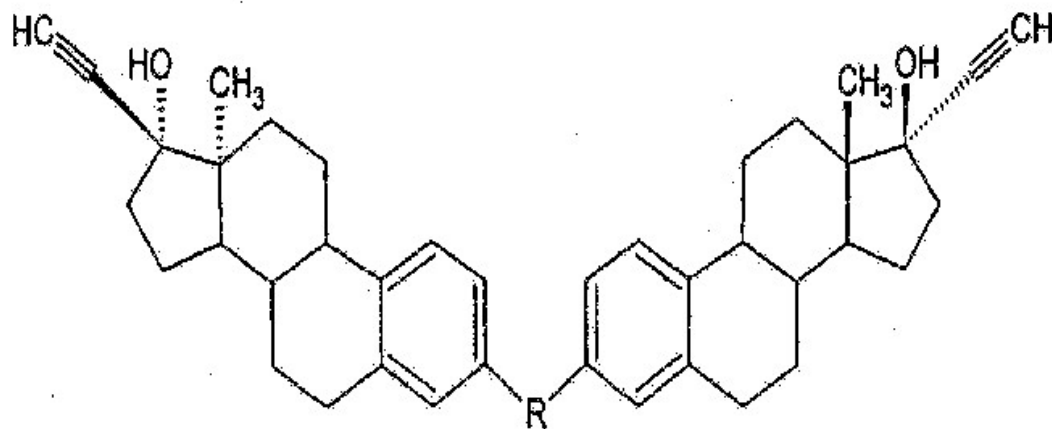
(54) Title of the invention : "DI-STEROIDAL PRODRUGS OF ETHINYL ESTRADIOL"

(51) International classification :C07J 1/00
 (31) Priority Document No :60/536,526
 (32) Priority Date :15/01/2004
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2004/041469
 Filing Date :10/12/2004
 (87) International Publication No :WO 2005/070950
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :
1)WARNER CHILCOTT COMPANY INC
 Address of Applicant :P.O. BOX 1005, UNION STREET KM 1.1,
 FAJARDO, PUERTO RICO 00738-1005, USA U.S.A.
 (72)Name of Inventor :
1)JOHN ALEXANDER KING
2)JAMES KEOWN
3)JAMES WILLIAM McILROY
4)WILLIAM PAUL ARMSTRONG
5)ANTHONY McKERVERY
6)AUSTIN McMORDIE

(57) Abstract :

The present invention is a di-steroidal prodrug of ethinyl estradiol according to formula I.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.3798/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :03/07/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : "FILLED PERFLUOROPOLYMERS"

(51) International classification	:H01B 3/44
(31) Priority Document No	:60/539,039
(32) Priority Date	:23/01/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2005/002461
Filing Date	:21/01/2005
(87) International Publication No	:WO 2005/073984
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)E.I. DU PONT DE NEMOURS AND COMPANY

Address of Applicant :1007 MARKET STREET, WILMINGTON,
DELAWARE 19898, UNITED STATES OF AMERICA U.S.A.

(72)Name of Inventor :

1)YEVGENIY I. GLOBUS

2)MARK A. JOZOKOS

3)JOHN L. NETTA

4)GEORGE MARTIN PRUCE

5)SUNDAR KILNAGAR VENKATARAMAN

(57) Abstract :

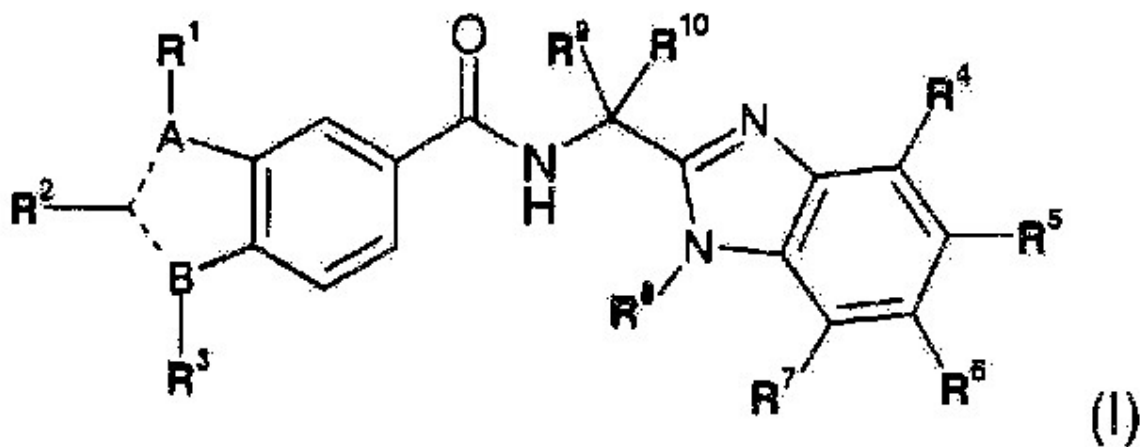
The present invention relates to plenum cables jacketed with a composition comprising perfluoropolymer and inorganic char-forming agent, which passes the NFPA-255 burn test, and to preferred compositions for forming the jacket on such cables and other melt-fabricated articles, wherein hydrocarbon polymer is also present in the composition, and to these same compositions which may include other inorganic paniculate filler and provide improved ink-printability on the melt-fabricated article surface, and 10 extrusion conditions, notably extrusion at low temperatures (271°C to 343°C) and at a draw ratio balance less than 1, that enable the cable jacket to be extrusion formed at a line speed of at least 91.5 m/min.

(54) Title of the invention : VIRAL POLYMERASE INHIBITORS

(51) International classification	:C07D209/08; A61K31/404; A61P31/12	(71)Name of Applicant : 1)BOEHRINGER INGELHEIM INTERNATIONAL GMBH Address of Applicant :BINGER STRASSE 173, 55216 INGELHEIM GERMANY Germany
(31) Priority Document No	:60/546,213	(72)Name of Inventor :
(32) Priority Date	:20/02/2004	1)YOULA S. TSANTRIZOS
(33) Name of priority country	:U.S.A.	2)CATHERINE CHABOT
(86) International Application No	:PCT/GB2004/001437	3)PIERRE EAULIEU
Filing Date	:02/04/2004	4)HRISTIAN BROCHU
(87) International Publication No	:WO 2004/087714	5)MARTIN POIRIER
(61) Patent of Addition to Application Number	:NA	6)TIMOTHY A. STAMMERS
Filing Date	:NA	7)BOUNKHAM THAVONEKHAM
(62) Divisional to to Application Number	:NA	8)JEAN RANCOURT
Filing Date	:NA	

(57) Abstract :

An enantiomer, diastereoisomer or tautomer of a compound, represented by formula wherein A, B, R¹, R², R³, R⁴, R⁵, R⁶, R⁷, R⁸, R⁹, and R¹⁰ are as defined herein, or a salt or ester thereof, as an inhibitor of HCV NS5B polymerase.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.4076/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :14/07/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : "APPARATUS AND METHOD FOR THE CONVERSION OF WATER INTO A NEW GASEOUS AND COMBUSTIBLE FORM AND THE COMBUSTIBLE GAS FORMED THEREBY "

(51) International classification	:C25B 1/00
(31) Priority Document No	:10/760,336
(32) Priority Date	:20/01/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2004/012498
Filing Date	:21/04/2004
(87) International Publication No	:WO 2005/076767
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)HYDROGEN TECHNOLOGY APPLICATIONS, INC.
Address of Applicant :4707 140TH AVENUE NORTH, SUITE 116,
CLEARWATER, FLORIDA 33762, U.S.A. U.S.A.
(72)**Name of Inventor :**
1)KLEIN, DENNIS, J.
2)SANTILLI, RUGGERO, MARIA

(57) Abstract :

An electrolyzer which decomposes distilled water into a new fuel composed of hydrogen, oxygen and their molecular and magneuclear bonds, called HHO. The electrolyzer can be used to provide the new combustible gas as an additive to combustion engine fuels or in flame or other generating equipment such as torches and welders. The new combustible gas is comprised of clusters of hydrogen and oxygen atoms structured according to a general formula H_mO_n wherein m and n have null or positive integer values with the exception that m and n can not be 0 at the same time, and wherein said combustible gas has a varying energy content depending on its use.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4077/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application : 14/07/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : METHOD AND SYSTEM FOR SENDING BINDING UPDATES TO CORRESPONDENT NODES BEHIND FIREWALLS

(51) International classification	:H04L 29/06
(31) Priority Document No	:60/542,403
(32) Priority Date	:09/02/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/IB2005/000304
Filing Date	:08/02/2005
(87) International Publication No	:WO 2005/076573
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)NOKIA CORPORATION
Address of Applicant :KEILALAHDENTIE 4, FIN-02150 ESPOO,
FINLAND Finland
(72)**Name of Inventor :**
1)LE, FRANCK
2)FACCIN, STEFANO

(57) Abstract :

The invention proposes a method for providing traversal of a packet filtering function (D) for information transferred between a first network node (A) and a second network node (B) wherein the second network node (B) is associated with a home network control element (C) and the first network node (A) is protected by the packet filtering function (D), the method comprising the steps of sending (S1) a message including temporary identification information from the second node to the home network control element, sending (S3) a message including at least a part of the temporary identification information from the home network control element to the first node, and preparing (S4-S7) a direct connection between the first node and the second node via the packet filtering function based on the identification information. The invention also proposes corresponding network nodes, a corresponding home network control element and a corresponding network system.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4078/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :14/07/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : TRANSFER OF CALIBRATED TIME INFORMATION IN A MOBILE TERMINAL

(51) International classification	:G01S 1/02
(31) Priority Document No	:04250403.5
(32) Priority Date	:26/01/2004
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/EP2005/050255
Filing Date	:21/01/2005
(87) International Publication No	:WO 2005/071430
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)CAMBRIDGE POSITIONING SYSTEMS LIMITED
Address of Applicant :62-64 HILLS ROAD, CAMBRIDGE, CB2 1LA, UNITED KINGDOM. U.K.

(72)**Name of Inventor :**
1)DUFFETT-SMITH, PETER JAMES
2)PRATT, ANTHONY RICHARD
3)BARTLETT, DAVID WILLIAM

(57) Abstract :

A method of and system for calibrating un-calibrated time information within a mobile terminal 101 is disclosed. The terminal has a receiver 203 capable of receiving signals from which calibrated time information carried by a calibrated system (a satellite positioning system) can be extracted, and a receiver 200 capable of receiving signals from which un-calibrated time information carried by an un-calibrated stable system (a cellular communications system) may be extracted. The time offset between calibrated time information extracted from the calibrated system and un-calibrated time information extracted from the un-calibrated stable system is determined at a first terminal position where the signals from the un-calibrated stable system are available, the travel times of the signals from the un-calibrated stable system are known or determined, and the signals from the calibrated system are available. The un-calibrated time information extracted from signals of the un-calibrated stable system received at a second terminal position, is calibrated from known or determined travel times of the signals from the un-calibrated stable system at the second terminal position and the time offset which has been determined.

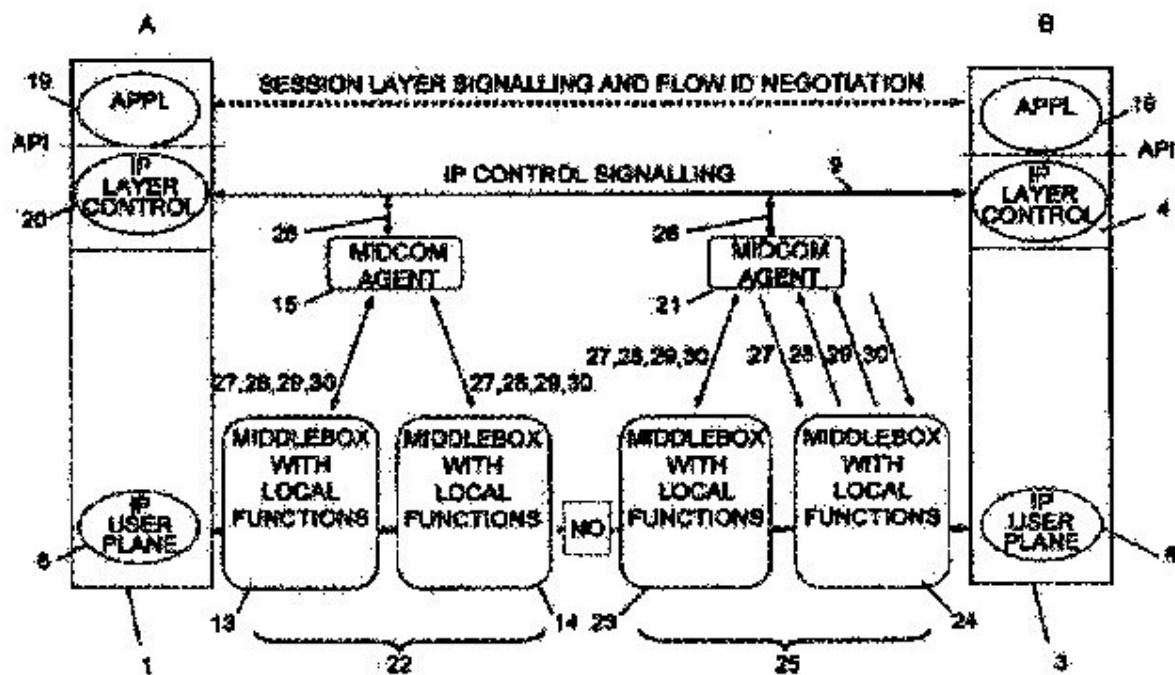
(54) Title of the invention : CONTROL OF MOBILE PACKET STREAMS

(51) International classification :H04L 12/56
 (31) Priority Document No :60/530,904
 (32) Priority Date :22/12/2003
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/SE2004/000265
 Filing Date :27/02/2004
 (87) International Publication No :WO 2005/062558
 A1
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :
1)TELE FONAKTIEBOLAGET LM ERICSSON (PUBL)
 Address of Applicant :S-164 83 STOCKHOLM (SE) Sweden
 (72)Name of Inventor :
1)FODOR GABOR
2)ERIKSSON ANDERS

(57) Abstract :

The invention relates to a method, device and system for control of mobile packet flows forwarded between IP based networks. Individual packet flows on an IP user plane (6) traverse middleboxes (13, 14, 23, 24) that are controlled from a midcom agent (15, 21). Each user flow registers its presence (29) in each middlebox it encounters on its way from its source (A) to its destination (B) at the user plane. In response each middlebox registers itself and the mobile flows it handles at the midcom agent with which they communicate using a midcom signalling protocol. The midcom agent comprises functionalities that its controlled middleboxes have and can provide control messages for how a middlebox shall handle a registered flow. The registration provides the midcom agent (15, 21) with knowledge of registered flows and middleboxes which allows the midcom agent to send control orders to the middleboxes that registered themselves, said orders pertaining to the handling of the flows at the respective middleboxes. A mechanism for control signalling at the IP control plane is described. Fig. 4 for publication.



(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application : 17/07/2006

(21) Application No.4094/DELNP/2006 A

(43) Publication Date : 22/06/2007

(54) Title of the invention : "2-PYRIDINYLETHYLCARBOXAMIDE DERIVATIVES AND THEIR USE AS FUNGICIDES"

(51) International classification	:C07D 409/12
(31) Priority Document No	:04356029.1
(32) Priority Date	:03/03/2004
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/EP2005/003282
Filing Date	:01/03/2005
(87) International Publication No	:WO 2005/085238
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :
1)BAYER CROPSCIENCE S. A.
Address of Applicant :16 RUE JEAN-MARIE LECLAIR, F-69009 LYON, FRANCE. France
(72)Name of Inventor :
1)DARREN JAMES MANSFIELD
2)HEIKO RIECK
3)PIERRE-YVES COQUERON
4)PHILIPPE DESBORDES
5)MARIE-CLAIRE GROSJEAN-COURNOYER
6)PIERRE GENIX
7)ALAIN VILLIER

(57) Abstract :

A compound of general formula (I). A process for preparing this compound. A fungicidal composition comprising a compound of general formula (I). A method for treating plants by applying a compound of general formula (I) or a composition comprising it.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.4096/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :17/07/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : "FUNGICIDE COMPOSITION COMPRISING A PHOSPHOROUS ACID DERIVATIVE AND TOLYLFLUANID OR DICHLOFLUANID"

(51) International classification

:A01N 59/26

(31) Priority Document No

:04356025.9

(32) Priority Date

:25/02/2004

(33) Name of priority country

:EUROPEAN
UNION

(86) International Application No

:PCT/EP2005/002880

Filing Date

:23/02/2005

(87) International Publication No

:WO 2005/079579

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)BAYER CROPSCIENCE S.A.

Address of Applicant :16 rue Jean-Marie Leclair, F-69009 Lyon,
FRANCE. France

(72)Name of Inventor :

1)MARIE PASCALE LATORSE

(57) Abstract :

A fungicide composition comprising a phosphorous acid derivative such as metal phosphites, such as fosetyl!-alu-miniumorfosetyl- socium, and phosphorous acid itself and its alkali metal or alkaline earth metal salts; and tolylfluanid or dichloflu-anid, and fungicide melhod of treatment.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4097/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :17/07/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : "LIQUEFIED NATURAL GAS STORAGE TANK"

(51) International classification	:F17C 1/00
(31) Priority Document No	:10/796,262
(32) Priority Date	:09/03/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2004/043285
Filing Date	:20/12/2004
(87) International Publication No	:WO 2005/094243
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)EXXONMOBIL UPSTREAM RESEARCH COMPANY
Address of Applicant :P.O. BOX 2189, HOUSTON, TEXAS 77252-2189, USA U.S.A.
(72)**Name of Inventor :**
1)KAILASH C. GULATI
2)RAYMOND MOON

(57) Abstract :

Substantially rectangular-shaped tanks are provided for storing liquefied gas, which tanks are especially adapted for use on land or in combination with bottom-supported offshore structure such as gravity-based structures (GBS). A tank according to this invention is capable of storing fluids at substantially atmospheric pressure and has a plate cover adapted to contain fluids and to transfer local loads caused by contact of said plate cover with said contained fluids to an internal frame structure comprised of a plate girder ring frame structure and/or an internal truss frame structure. Optionally, a grillage of stiffeners and stringers may be disposed on the plate cover and additional sifers disposed on the plate girder ring frame structure and/or an internal truss frame structure. Methods of constructing these tanks are also provided.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4098/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :17/07/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : "GASTROINTESTINAL DEVICE"

(51) International classification	:A61F 2/00
(31) Priority Document No	:60/534,196
(32) Priority Date	:02/01/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/IL2005/000002
Filing Date	:02/01/2005
(87) International Publication No	:WO 2005/065575
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

1)YEHIEL ZIV

Address of Applicant :2280 STREET, APT. 1, 69086 TEL AVIV,
ISRAEL Israel

2)AVINOAM NEVLER

(72)**Name of Inventor :**

1)ALON NAHSHON

2)VLADIMIR RYABTSEV

3)MEIR GITELIS

4)YEHIEL ZIV

5)AVINOAM NEVLER

(57) Abstract :

A gastrointestinal device including a casing including fixation elements adapted for intraluminal fixation of the device in a gastrointestinal tract (e.g., the anorectal wall), a valve disposed in the casing and controllable to move from a closed position, which significantly restricts passage of gastrointestinal (e.g., fecal) matter therepast, and an open position, which permits passage of gastrointestinal matter therepast, and a controller operatively connected to the valve for externally controlling the position of the valve between the closed and open positions.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4099/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application : 17/07/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : "FUNGICIDE COMPOSITION COMPRISING AN ARYLAMIDINE DERIVATIVE AND KNOWN FUNGICIDE COMPOUNDS"

(51) International classification	:A01N 37/52	(71)Name of Applicant :
(31) Priority Document No	:04356031.7	1)BAYER CROPSCIENCE S.A.
(32) Priority Date	:05/03/2004	Address of Applicant :16 rue Jean-Marie Leclair, F-69009 LYON,
(33) Name of priority country	:EUROPEAN	FRANCE. France
	UNION	(72)Name of Inventor :
(86) International Application No	:PCT/EP2005/003284	1)GILBERT LABOURDETTE
Filing Date	:03/03/2005	
(87) International Publication No	:WO 2005/089547	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates (to a fungicide composition based on N2-phenylumidine denvatives ami another fungicide compound, preferably fluaxastrvoin or prothioconazole, and a method for protecting plants against fungal diseases using such a composition.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4101/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :17/07/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : "METHODS AND SYSTEM FOR STOPPING ELEVATORS"

(51) International classification	:B66B 5/06
(31) Priority Document No	:102004006049.5
(32) Priority Date	:30/01/2004
(33) Name of priority country	:Germany
(86) International Application No	:PCT/DE2005/000115
Filing Date	:25/01/2005
(87) International Publication No	:WO 2005/073121
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)DANFOSS DRIVES A/S
Address of Applicant :ULSNAES 1, DK-6300, GRAASTEN,
DENMARK. Denmark
(72)**Name of Inventor :**
1)ABRAHAM, DETLEV
2)MENNEN, HANS-JOSEF

(57) Abstract :

The invention relates to methods for stopping elevators especially when using at least one three-phase motor (14) operated by a static frequency converter (18). According to the invention, a brake relay (6) controls the brake (15) of the motor (14) causes the motor (14) to be decelerated while the brake relay (6) is coupled to a protective circuit (9) in such a way that the control pulses required for generating the driving motor field are safely blocked when the brake relay (6) is released.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4114/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :17/07/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : "METHOD OF PREPARING A POLY (ARYLENE ETHER)"

(51) International classification	:C08G 65/46
(31) Priority Document No	:10/769,043
(32) Priority Date	:30/01/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2005/000794
Filing Date	:11/01/2005
(87) International Publication No	:WO 2005/075540
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)GENERAL ELECTRIC COMPANY
Address of Applicant :1 RIVER ROAD, SCHENECTADY, NY
12345 USA U.S.A.
(72)**Name of Inventor :**
1)INGELBRECHT HUGO GERARD EDUARD

(57) Abstract :

A method of precipitating a poly(arylene ether) includes combining a poly(arylene ether) solution with an antisolvent at a shear rate of greater than 50,000 sec⁻¹. The high shear mixing conditions produce a poly(arylene ether) dispersion in which the poly(arylene ether) solid contains reduced amounts of undesirably fine particles.

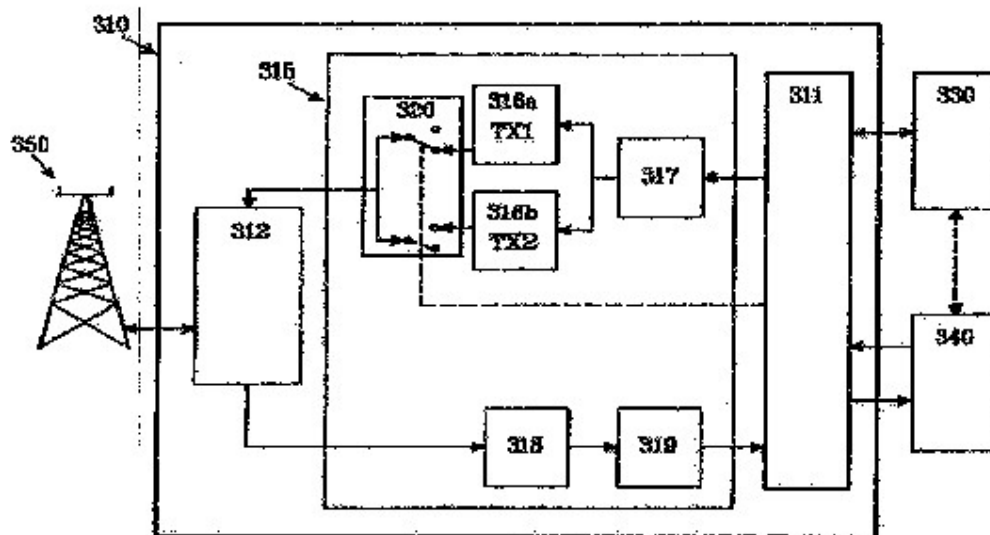
(54) Title of the invention : METHOD AND ARRANGEMENT RELATING TO COMMUNICATIONS NETWORK

(51) International classification : H04B 7/005
 (31) Priority Document No : PCT/SE2003/002093
 (32) Priority Date : 29/12/2003
 (33) Name of priority country : Sweden
 (86) International Application No : PCT/SE2004/000125
 Filing Date : 29/01/2004
 (87) International Publication No : WO 2005/064815
 A1
 (61) Patent of Addition to Application Number : NA
 Filing Date : NA
 (62) Divisional to to Application Number : NA
 Filing Date : NA

(71) Name of Applicant :
1) TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)
 Address of Applicant : S-164 83 STOCKHOLM, SE Sweden
 (72) Name of Inventor :
1) CARLSSON ROLAND
2) ANKEL PAR

(57) Abstract :

The present invention relates to a method and arrangement for downlink power adjustment in a base station (210, 310, 610) comprising at least two similar hardware units: a first unit (231, 316a, 616a) and a second unit (232, 316b, 616b), in a communications network when moving a resource from said first unit to said second unit. The method comprises configuring said resource, providing a sample of a power level, transferring said power sample from said first unit to said second unit, and controlling the power level on the second unit towards a power value provided as a power level with turned off output power on said second unit.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.4116/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :17/07/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : ARRANGEMENTS AND METHOD FOR HANDLING MACRO DIVERSITY IN A UNIVERSAL MOBILE TELECOMMUNICATIONS SYSTEM

(51) International classification	:H04Q 7/38
(31) Priority Document No	:0303463-4
(32) Priority Date	:22/12/2003
(33) Name of priority country	:Sweden
(86) International Application No	:PCT/SE2004/000478
Filing Date	:30/03/2004
(87) International Publication No	:WO 2005/062654
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)TELEFONATIEBOLAGET LM ERICSSON (PUBL)
Address of Applicant :S-164 83 STOCKHOLM, (SE). Sweden
(72)**Name of Inventor :**
1)RUNE, JOHAN
2)WESTBERG, LARS

(57) Abstract :

The present invention relates to methods and arrangements for selecting one or more Diversity Handover (DHO) nodes, such as a Node B or a Radio Network Controller (RNC) executing a macro diversity functionality, in a mobile telecommunication system wherein the macro diversity functionality is distributed to one or a plurality of DHO nodes such as a RNC and its connected Node B(s) in said network. The method comprises the steps of: a.-obtaining topology information comprising a hop-by-hop route from the RNC to each of its connected Node Bs and at least one metric for each hop in the route, and b.-using an algorithm for selecting one or more DHO node(s), whereby the algorithm comprises the steps of: - forming a macro diversity tree of the routes by means of the obtained topology information, and -selecting the Node B(s) and/or the RNC and/or other DHO enabled node(s), resulting in the best accumulated metric for all potential data flows between the RNC and its connected Node B(s) in the macro diversity tree of routes, as the DHO node(s).

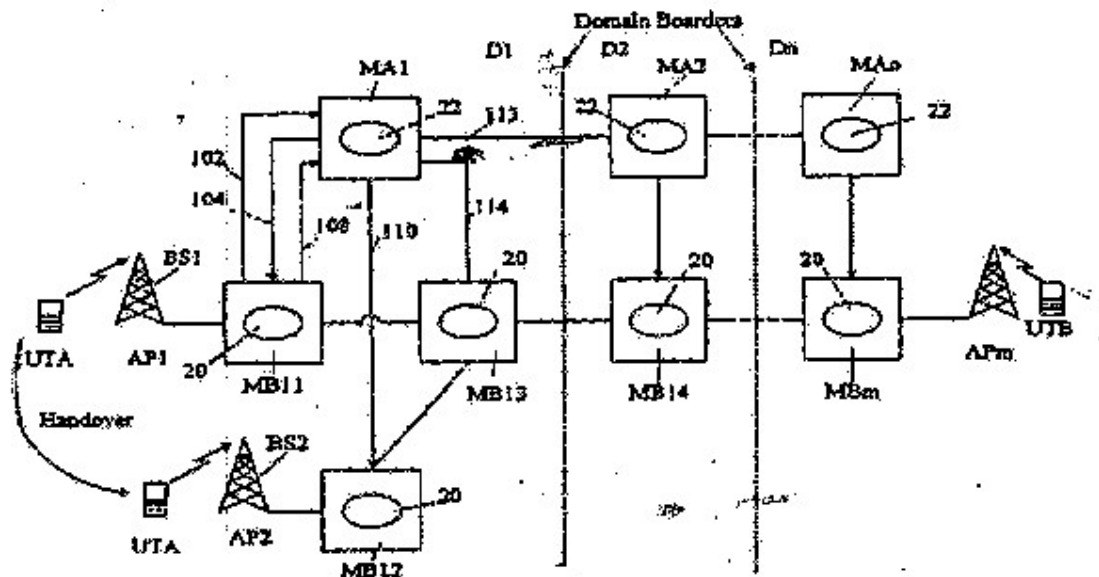
(54) Title of the invention : METHOD AND SYSTEM FOR RE-ESTABLISHING CONTEXT OF DATA PACKET FLOWS

(51) International classification :H04L 29/06
 (31) Priority Document No :NA
 (32) Priority Date :NA
 (33) Name of priority country :NA
 (86) International Application No :PCT/SE2003/002101
 Filing Date :30/12/2003
 (87) International Publication No :WO 2005/064893
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :
1)TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)
 Address of Applicant :S-164 83 STOCKHOLM, (SE). Sweden
 (72)Name of Inventor :
1)FODOR, GABOR
2)ERIKSSON, ANDERS
3)BEMING, PER

(57) Abstract :

The present invention relates to a system, a Midcom Agent, a method for re-establishing context and a computer program product for performing the steps of said method. In a multi-domain, multi-access IP network there is a need for a method to re-establish context associated with a flow when the end-to-end path changes. The path change is typically due to mobility, but can also be caused by access re-selection (which can be performed for a stationary mobile node as well). Therefore, a method is provided in which the context is moved from one middlebox to at least one selected middlebox via a Midcom Agent. An advantage with the present invention is that it facilitates the transfer of context information from a set of middleboxes to another set of middleboxes. Each set may contain diverse types of such middleboxes.



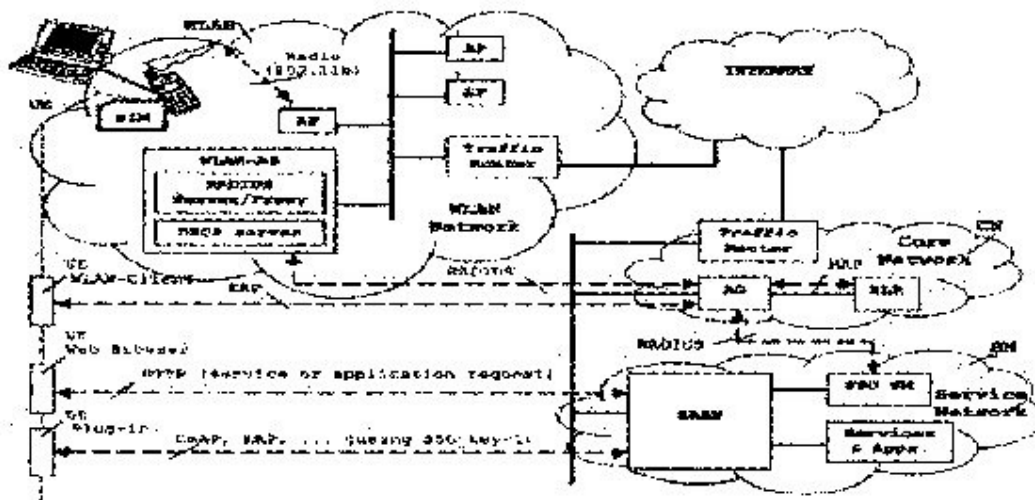
(54) Title of the invention : MEANS AND METHOD FOR SINGLE SIGN-ON ACCESS TO A SERVICE NETWORK THROUGH AN ACCESS NETWORK

(51) International classification :H04L 29/06
 (31) Priority Document No :NA
 (32) Priority Date :NA
 (33) Name of priority country :NA
 (86) International Application No :PCT/EP2003/014978
 Filing Date :29/12/2003
 (87) International Publication No :WO/2005/064882
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :
1)TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)
 Address of Applicant :S-164 83 STOCKHOLM, SWEDEN. Sweden
 (72)Name of Inventor :
1)RAMOS, ROBLES, LUIS
2)PARDO, BLAZQUEZ, AVELINA
3)DE GREGORIO, RODRIGUEZ, JESUS

(57) Abstract :

The present invention provides means and method for Single Sign-On authentication of a user accessing a service network through an access network when the user has been already authenticated by a core network where the user holds a subscription. Therefore, a number of means are provided in different entities distributed between the core network and the service network, as well as in the user's equipment, for carrying out the proposed method. The Single Sign-On authentication takes place upon matching in the service network a shared key for the user submitted from the core network with another shared key for the user derived at the user's equipment. ,



(12) PATENT APPLICATION PUBLICATION

(21) Application No.4178/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :19/07/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : METHOD ADN SYSTEM FOR HANDLING CONTEXT OF DATA PACKET FLOWS

(51) International classification	:H04L 29/06
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/SE2003/002100
Filing Date	:30/12/2003
(87) International Publication No	:WO 2005/064892
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)TELE FONAKTIEBOLAGET LM ERICSSON (PUBL)
Address of Applicant :SE-164 83 STOCKHOLM SWEDEN Sweden
(72)**Name of Inventor :**
1)FODOR, GABOR
2)ERIKSSON, ANDERS

(57) Abstract :

The present invention relates to the handling of context of data packet flows. As mentioned, there is a need of a coordination mechanism for the transfer of context for flows that belong to the same session. One object with the invention is to offer a coordination mechanism for the handling of context associated to flows that belong to the same session. The above-mentioned object is achieved by a context procedure, in which the total context for a session is divided into one common context and one dynamic context per IP flow. The common context is handled by a centralized control node, such as a Midcom Agent, and the dynamic context is handled by a middlebox associated to an access router. The context transfer procedures for the two types of contexts are coordinated so that an unambiguous session control is maintained.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4180/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :20/07/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : CATHEPSIN CYSTEINE PROTEASE INHIBITORS

(51) International classification	:A61P 19/08
(31) Priority Document No	:60/535,170
(32) Priority Date	:08/01/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/CA2005/000008
Filing Date	:06/01/2005
(87) International Publication No	:WO/2005/065778
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)MERCK FROSST CANADA LTD.
Address of Applicant :16711 Trans-Canada Highway, Kirkland,
Québec H9H 3L1, Canada. Canada
(72)**Name of Inventor :**
1)BAYLY, CHRISTOPHER
2)CRANE, SHELDON, N.
3)LEGER, SERGE

(57) Abstract :

The present invention relates to a novel class of compounds mainly, substituted leucinamide-carboxylate derivatives of formula (I) wherein X is O or NR⁹, Y is CR¹R², -SO₂, C=O or NR⁹; Z is CR¹R², O, S, -SO₂ or NR⁹ and each G is independently a CR¹R² and pharmaceutical compositions thereof. Said compounds are cathepsin cysteine protease inhibitors, including but not limited to, inhibitors of cathepsin K, L, S and B. These compounds are useful for treating and preventing cathepsin dependent conditions in which inhibition of bone resorption is indicated, such as osteoporosis.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4182/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :20/07/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : NOVEL SPIRO-PENTACYCLIC COMPOUNDS

(51) International classification	:C07D 317/72
(31) Priority Document No	:04100304.7
(32) Priority Date	:28/01/2004
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/EP2005/000424
Filing Date	:18/08/2005
(87) International Publication No	:WO2005/075450
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)F. HOFFMANN-LA ROCHE AG
Address of Applicant :GRENZACHERSTRASSE 124 CH-4070
BASEL (SWITZERLAND). Switzerland
(72)**Name of Inventor :**
1)PLANCHER, JEAN-MARC
2)TAYLOR, SVEN

(57) Abstract :

The present invention relates to compounds of wherein R1, R2, R3, R4, R5 and X are as defined in the description and claims, and pharmaceutically acceptable salts thereof, for use as therapeutically active substances. The compounds are useful for the treatment and/or prophylaxis of diseases which are associated with the modulation of CBI receptors.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4183/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :20/07/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : CATHEPSIN CYSTEINE PROTEASE INHIBITORS

(51) International classification :CO7D 403/12

(31) Priority Document No :60/534,920

(32) Priority Date :08/01/2004

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

(86) International Application No :PCT/CA2005/000007

Filing Date :06/01/2005

(87) International Publication No :WO 2005/066159

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)MERCK FROSST CANADA LTD.

Address of Applicant :16711 TRANS-CANADA HIGHWAY,
KIRKLAND, QUEBEC H9H 3L1 CANADA. Canada

(72)Name of Inventor :

1)BAYLY, CHRISTOPHER

2)BLACK, CAMERON

3)THERIEN, MICHEL

(57) Abstract :

The present invention relates to a novel class of compounds mainly, leucinamide-amino-carboxylate derivatives of formula (I) wherein Y is CR₁R₂, O, S, -SO₂, C=O or NR₉; Z is CR₁R₂, O, S, -SO₂, C=O or NR₉ and each G is independently a CR₁R₂. Said compounds are cathepsin cysteine protease inhibitors, including but not limited to, inhibitors of cathepsin K, L, S and B and to pharmaceutical compositions thereof. These compounds are useful for treating and preventing cathepsin dependent conditions in which inhibition of bone resorption is indicated, such as osteoporosis.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4184/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :20/07/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : POLYMORPHIC FORMS OF A GABAA AGONIST

(51) International classification	:C07D 498/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/GB2005/000288
Filing Date	:28/01/2005
(87) International Publication No	:WO 2005/073237
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)MERCK SHARP & DOHME LIMITED
Address of Applicant :HERTFORD ROAD HODDESDON
HERTFORDSHIRE EN11 9BU UNITED KINGDOM U.K.
(72)**Name of Inventor :**
1)VINCENT BRETT COOPER

(57) Abstract :

Two new crystalline monohydrates and two new crystalline anhydrides of gaboxadol are disclosed together with methods for preparing them.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4185/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :20/07/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : ERROR CONCEALMENT TECHNIQUE USING WEIGHTED PREDICTION

(51) International classification	:H04N 7/34
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/US2004/006205
Filing Date	:27/02/2004
(87) International Publication No	:WO 2005/094086 A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)THOMSON LICENSING
Address of Applicant :46 QUAI A. LE GALLO, F-92100
BOULOGNE-BILLANCOURT, FRANCE France
(72)**Name of Inventor :**
1)YIN, PENG
2)GOMILA CRISTINA
3)BOYCE, JILL , MACDONALD

(57) Abstract :

A decoder (10) conceals errors in a coded image comprised of a stream of macroblocks by examining each macroblock for pixel errors. If such errors exist, then each of at least two macroblocks pictures from each of two different pictures are weighted to yield a weighted prediction (WP) for estimating missing/corrupt values to conceal the macroblock found to have pixel errors.

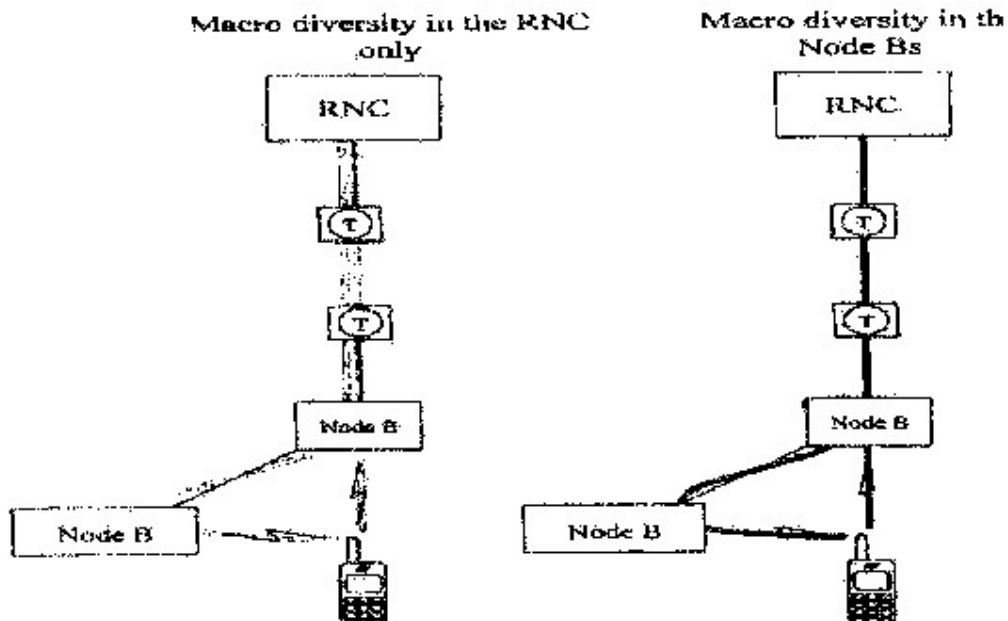
(54) Title of the invention : ARRANGEMENTS AND METHOD FOR HANDLING MACRO DIVERSITY IN UNIVERSAL MOBILE TELECOMMUNICATIONS SYSTEM

(51) International classification :H04Q 7/38
 (31) Priority Document No :0303463-4
 (32) Priority Date :22/12/2003
 (33) Name of priority country :Sweden
 (86) International Application No :PCT/SE2004/000482
 Filing Date :30/03/2004
 (87) International Publication No :WO 2005/062655
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :
1)TELEFONATIEBOLAGET LM ERICSON (PUBL)
 Address of Applicant :SE-164 83 STOCKHOLM (SE) Sweden
 (72)Name of Inventor :
1)RUNE, JOHAN

(57) Abstract :

The present invention relates to methods and arrangements for providing macro diversity, also referred to as diversity handover, DHO, related instructions to a node, e.g. a Node B, that is a part of a DHO connection in a mobile telecommunication network wherein the macro diversity functionality is distributed to a Radio Network Controller, RNC, and its connected Node Bs in said network. The method comprises the steps of: including in a signaling message one or more transport layer addresses and one or more transport bearer reference parameters in order to direct one or more data flows of the DHO connection, and sending said signaling message to said node.



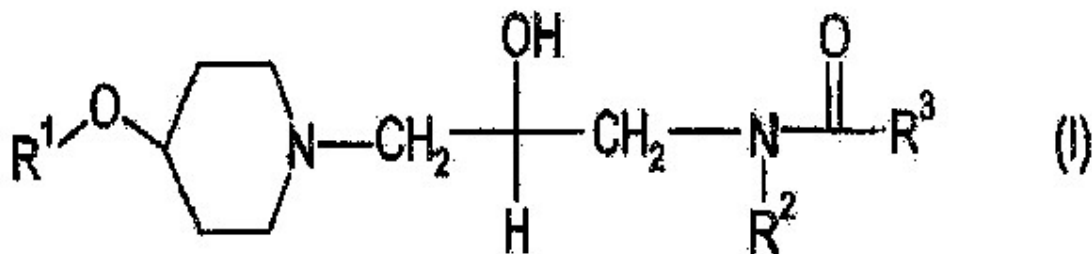
(54) Title of the invention : NOVEL PIPERIDINES AS CHEMOKINE MODULATORS (CCR)

(51) International classification :C07D 211/52
 (31) Priority Document No :0400208-5
 (32) Priority Date :02/02/2004
 (33) Name of priority country :Sweden
 (86) International Application No :PCT/SE2005/000110
 Filing Date :31/01/2005
 (87) International Publication No :WO 2005/073192
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :
1)ASTRAZENECA AB
 Address of Applicant :SE-151 85 SÖDERTÄLJE, SWEDEN Sweden
 (72)Name of Inventor :
1)LILIAN ALCARAZ
2)PETER CAGE
3)MARK FURBER
4)ELIZABETH KINCHIN
5)CHRISTOPHER LUCKHURST
6)AARON RIGBY

(57) Abstract :

Compounds of formula are modulators of chemokine (for example CCR3) activity (for use in, for example, treating asthma).



(12) PATENT APPLICATION PUBLICATION

(21) Application No.4204/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :20/07/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : DIFFRACTIVE, POLARIZATION MODULATING OPTICAL DEVICES

(51) International classification	:G03H 1/02
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/GB2005/000171
Filing Date	:19/01/2005
(87) International Publication No	:WO 2005/071497
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

1)DAVID EZRA

Address of Applicant :19 MONKS MEAD, BRIGHTWELL-CUM-SOTWELL, WALLINGFORD, OXON OX10 0RL, UNITED KINGDOM. U.K.

(72)**Name of Inventor :**

1)EZRA, DAVID

(57) Abstract :

An optical device comprises an encoding surface having a micro-relief pattern (2 over at least part thereof designed to produce a predetermined diffracted fil image when illuminated in use, and an optically anisotropic layer (26) such as polymerised liquid crystal provided whereby at least part of said micro-reli pattern (22) induces local orientation of said optically anisotropic layer (2 thereby to impose a predetermined polarization modulation, thereby to produce predetermined polarization dependent second image when illuminated in use.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4205/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :20/07/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : "USE OF FACTOR VIIA FOR TREATING LATE COMPLICATIONS OF TRAUMA"

(51) International classification	:A61K 38/36
(31) Priority Document No	:PA 2004 00178
(32) Priority Date	:05/02/2004
(33) Name of priority country	:Denmark
(86) International Application No	:PCT/EP2005/050486
Filing Date	:04/02/2005
(87) International Publication No	:WO 2005/074974
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)NOVO NORDISK HEALTH CARE AG
Address of Applicant :ANDREASSTRASSE 15, CH-8050 ZURICH,
SWITZERLAND Switzerland
(72)**Name of Inventor :**
1)AXELSEN MADS
2)ERHARDTSEN ELISABETH
3)SKOLNICK BRETT E.

(57) Abstract :

The invention relates to the use of Factor VIIa or a Factor VIIa equivalent for the manufacture of a medicament for preventing late complications in trauma patients.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4207/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :20/07/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : "POWERED TOOTHBRUSH WITH TEST BUTTON"

(51) International classification	:A61C 17/26
(31) Priority Document No	:10/763,621
(32) Priority Date	:23/01/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2005/002124
Filing Date	:21/01/2005
(87) International Publication No	:WO 2005/082268
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)COLGATE-PALMOLIVE COMPANY
Address of Applicant :300 PARK AVENUE, NEW YORK,NEW YORK,10022, USA. U.S.A.
(72)**Name of Inventor :**
1)SORRENTINO ALAN V.
2)MOSKOVICH ROBERT

(57) Abstract :

A powered operating device such as a powered toothbrush includes a test button for momentarily testing the operability of the device. The test button simultaneously presses against both the on portion and the off portion of the switch which controls the operation of the device. While pressure is applied to the test button, the device is placed in its operative condition and when the pressure is released, the geometric structure of the test button held by the package releases the on portion of the switch at the same time or just before the off portion. Thus, assuring that the switch turns off.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4208/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :20/07/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : "DENTAL-BLEACHING COMPOSITIONS AND METHODS WITH REDUCED PEROXIDE CONCENTRATION"

(51) International classification	:A61K 7/16
(31) Priority Document No	:60/539,421
(32) Priority Date	:26/01/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2005/002332
Filing Date	:25/01/2005
(87) International Publication No	:WO/2005/072692
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)COLGATE-PALMOLIVE COMPANY.
Address of Applicant :300 Park Avenue, New York, New York
10022, USA. U.S.A.
(72)**Name of Inventor :**
1)ZAIDEL LYNETTE ANNE
2)LIN NORA CHILA
3)VISCIO DAVID

(57) Abstract :

A peroxide containing dual component dentifrice composition providing enhanced whitening efficacy and minimal gingival irritation and tooth sensitivity, the composition being comprised of a separately maintained first aqueous dentifrice component containing a peroxide compound and an abrasive system compatible with the peroxide and a second aqueous dentifrice component containing a desensitizing compound and an abrasive that is incompatible with peroxide compound whereby when the components are mixed and combined for the first time and exposed to the surface of teeth, an enhanced whitening effect is obtained with minimal tooth sensitivity and gum irritation.

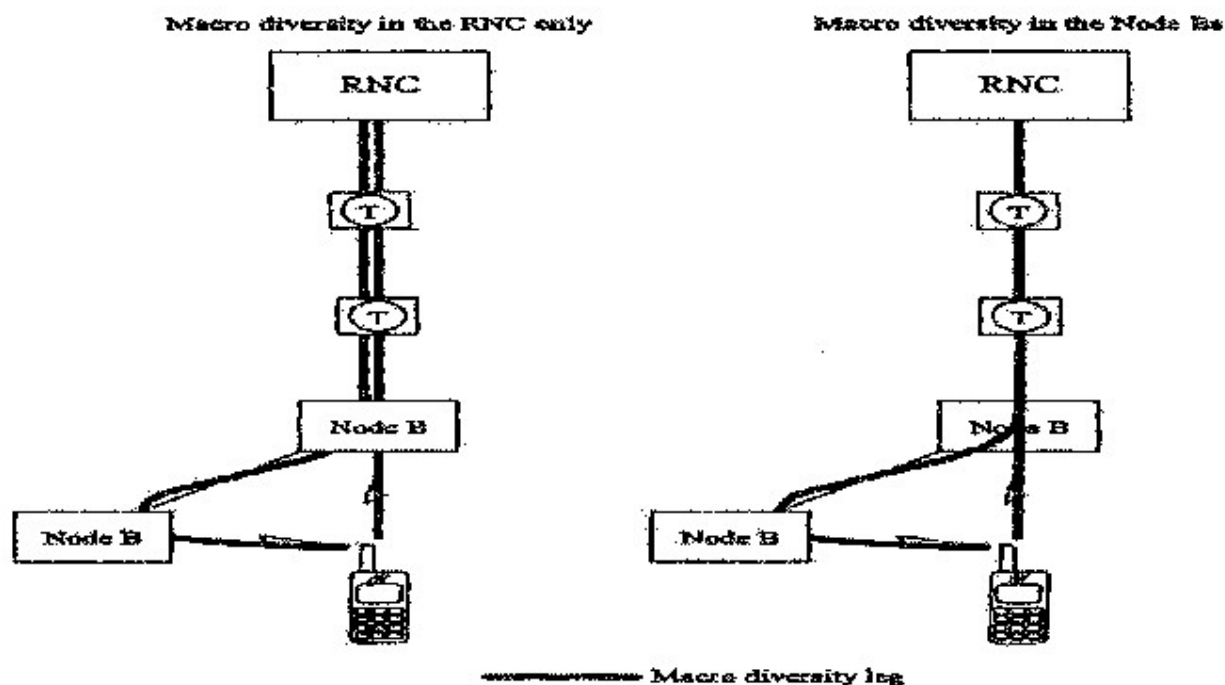
(54) Title of the invention : "ARRANGEMENTS AND METHOD FOR HANDLING MACRO DIVERSITY IN UTRAN"

(51) International classification :H04B 7/02
 (31) Priority Document No :0303462-6
 (32) Priority Date :22/12/2003
 (33) Name of priority country :Sweden
 (86) International Application No :PCT/SE2004/000144
 Filing Date :04/02/2004
 (87) International Publication No :WO 2005/062495
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :
1)TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)
 Address of Applicant :SE-164 83 STOCKHOLM, (SE) Sweden
 (72)Name of Inventor :
1)RUNE, JOHN

(57) Abstract :

The present invention relates to a Diversity Handover, DHO, node adapted to execute a macro diversity functionality in a mobile telecommunication system and a method and a computer program product thereof. The DHO node comprises means for performing an uplink combining of Dedicated Channel, DCH, frames wherein said DHO node comprises means for estimating the size of an adaptive receive window for receiving said DCH frames, the adaptive receive window comprises a starting point, denoted ref, and an end point for receiving a next DCH frame or a next set of DCH frames to be combined having a Connection Frame Number n, CFNn, based on the Time of Arrival, ToA, of a previous frame or a previous set of frames having a CFNn-1, and means for adjusting the adaptive receive window by changing its end point for a new frame or a new set of frames in accordance with the estimated size.



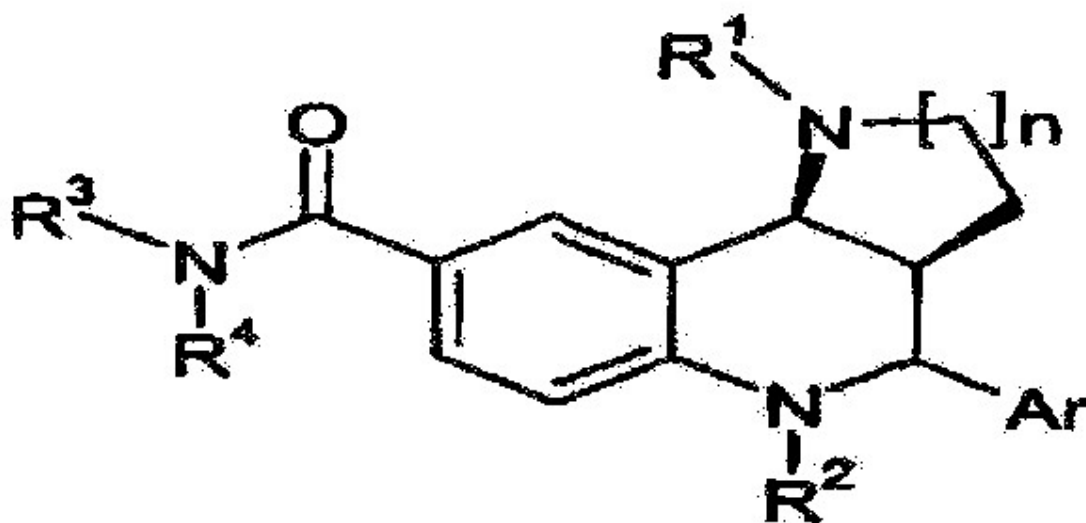
(54) Title of the invention : "PYRROLOQUINOLINE AND PIPERIDOQUINOLINE DERIVATIVES, PREPARATION THEREOF, COMPOSITIONS CONTAINING THEM AND USES THEREOF"

(51) International classification :C07D 471/04
 (31) Priority Document No :0400285-3
 (32) Priority Date :10/02/2004
 (33) Name of priority country :Sweden
 (86) International Application No :PCT/SE2005/000125
 Filing Date :02/02/2006
 (87) International Publication No :WO 2005/075476
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :
1)ASTRAZENECA AB
 Address of Applicant :S-151 85 SODERTALJE, SWEDEN. Sweden
 (72)Name of Inventor :
1)YUN-JIN HU
2)MIROSLAW TOMASZEWSKI
3)CHRISTOPHER WALPOLE

(57) Abstract :

Compounds of general formula (I) wherein n, R1, R2, R3, R4 and Ar are as defined in the specification, as well as salts, enantiomers thereof and pharmaceutical compositions including the compounds are prepared. They are useful in therapy, in particular in the management of pain.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.4190/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :20/07/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : "NETWORK USING RANDOMIZED TIME DIVISION DUPLEXING"

(51) International classification	:H04L 12/56
(31) Priority Document No	:10/762,116
(32) Priority Date	:20/01/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2004/040960
Filing Date	:07/12/2004
(87) International Publication No	:WO 2005/076552
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)QUALCOMM INCORPORATED

Address of Applicant :5775 MOREHOUSE DRIVE, SAN DIEGO, CALIFORNIA 92121-1714, USA. U.S.A.

(72)Name of Inventor :

1)SANJIV NANDA

2)RANGANATHAN KRISHANAN

(57) Abstract :

A network node may have a transmitter, a receiver and a controller. The controller may be configured to automatically and repeatedly cause the network node to cycle back and forth between transmitting information on a network with the transmitter and receiving information with the receiver from the network, wherein the lengths of at least some of the transmissions and receptions vary in accordance with a predetermined pattern. Related process are also disclosed.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4192/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :20/07/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : "OLED APPARATUS HAVING IMPROVED FAULT TOLERANCE"

(51) International classification	:G09G 3/32
(31) Priority Document No	:10/773,509
(32) Priority Date	:06/02/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2005/001990
Filing Date	:21/01/2005
(87) International Publication No	:WO 2005/078691
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)EASTMAN KODAK COMPANY

Address of Applicant :343 STATE STREET, ROCHESTER, NEW YORK 14650-2201, UNITED STATES OF AMERICA. U.S.A.

(72)Name of Inventor :

1)JOHN ALPHONSE AGOSTINELLI

2)MAREK WLODZIMIERZ KOWARZ

3)FITZROY HUCH CROSDALE

(57) Abstract :

An array having a plurality of column electrodes and a plurality of rows of individually addressable OLED pixels, each row including a commonly shared electrode including wherein at least one OLED pixel in each row has a current limiting component and an organic electroluminescent diode and such at least one OLED) pixel is connected between said commonly shared electrode and one of the plurality of column electrodes for conducting current therebetween, and wherein the at least one organic electroluminescent diode is connected in series with the current limiting component.

(54) Title of the invention : "DATA DETECTION FOR A HIERARCHICAL CODED DATA TRANSMISSION"

(51) International classification :H04L 27/34
 (31) Priority Document No :60/538,271
 (32) Priority Date :21/01/2004
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2004/041476
 Filing Date :08/12/2004
 (87) International Publication No :WO 2005/071913
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

1)QUALCOMM INCORPORATED

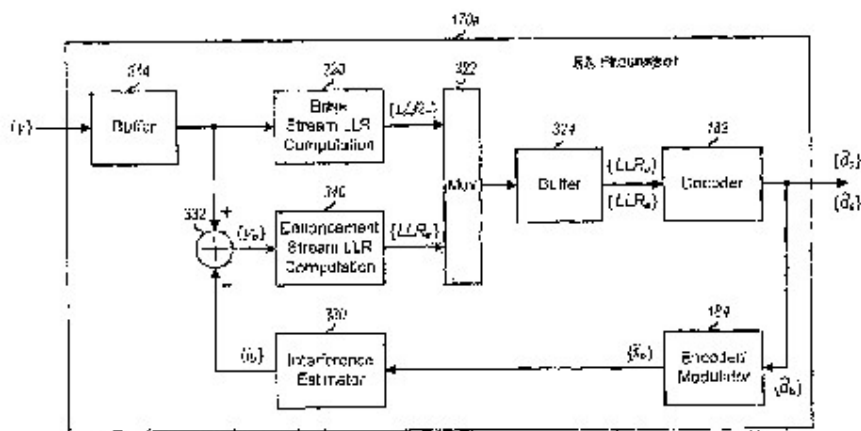
Address of Applicant :5775 MOREHOUSE DRIVE, SAN DIEGO, CALIFORNIA 92121-1714, UNITED STATES OF AMERICA. U.S.A.

(72)Name of Inventor :

1)AAMOD KHANDEKAR**2)RAGHURAMAN KRISHNAMOORTHY**

(57) Abstract :

Techniques for performing data detection for a hierarchical coded data transmission are described. In one data detection scheme, log-likelihood ratios (LLRs) for code bits of a first data stream are initially derived based on received symbols for the data transmission. The LLRs for the first data stream are decoded to obtain decoded data, which is re-encoded and remodulated to obtain remodulated symbols. Interference due to the First data stream is estimated based on the remodulated symbols. LLRs for code bits of a second data stream are derived based on the LLRs for the code bits of the first data stream and the estimated interference. The LLRs for the first data stream may be derived from the received symbols in real-time without buffering the received symbols. The LLRs for the second data stream may be derived after the first data stream has been decoded.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.4230/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :21/07/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : METHOD OF TREATING RAZOR BLADE CUTTING EDGES

(51) International classification	:B26B 21/60
(31) Priority Document No	:60/536,953
(32) Priority Date	:15/01/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2005/000759
Filing Date	:14/01/2005
(87) International Publication No	:WO 2005/070627
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)THE GILLETTE COMPANY

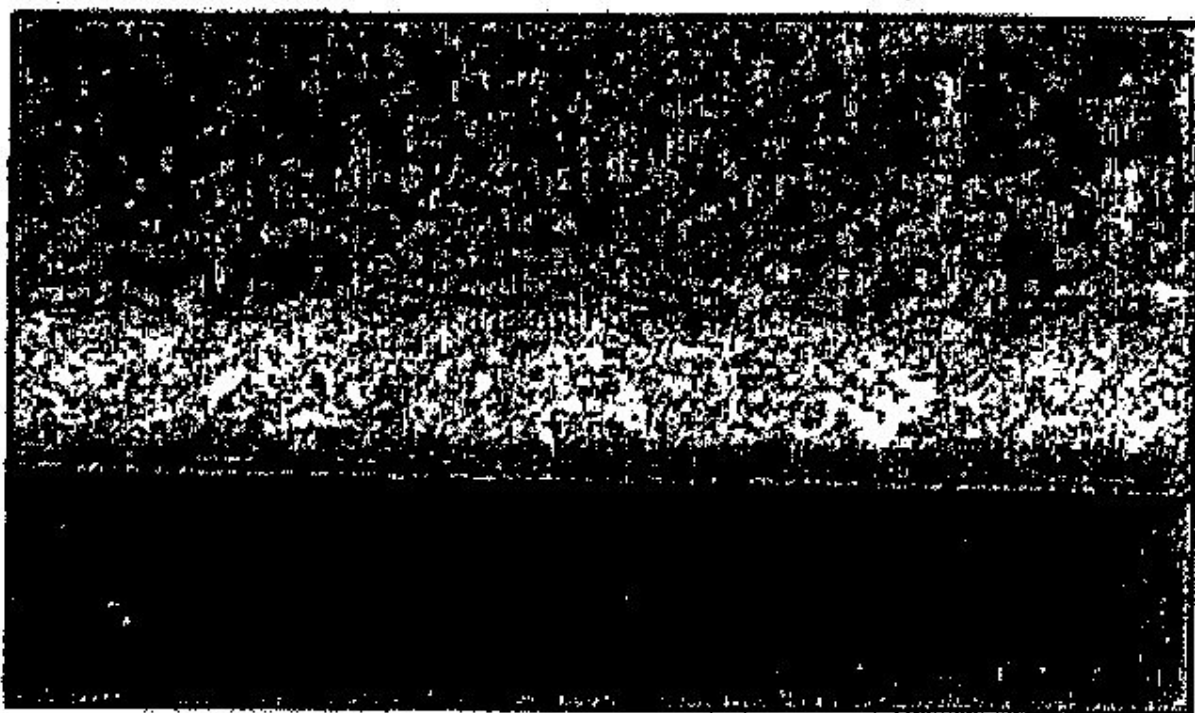
Address of Applicant :PRUDENTIAL TOWER BUILDING,
BOSTON, MA 02199 (US) U.S.A.

(72)Name of Inventor :

1)TRANKIEM, HOANG, MAI

(57) Abstract :

Methods treating razors blade cutting edges having an adherent polyfluorocarbon coated thereon are described. The coated razor blade edges are treated with a solvent, which partially removes the coating from the razor blade edge. Addition of an antioxidant to the solvent improves the effectiveness of the treatment.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.4231/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :21/07/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : CRT HAVING A LOW MOIRE TRANSFORMATION FUNCTION

(51) International classification	:H01J 29/07
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/US2004/001930
Filing Date	:23/01/2004
(87) International Publication No	:WO 2005/081280
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)THOMSON LICENSING
Address of Applicant :46 QUAI A. LE GALLO F-92100
BOULOGNE-BILLANECOURT, FRANCE France
(72)**Name of Inventor :**
1)BARBIN ROBERT LLOYD

(57) Abstract :

The CRT (10) according to the invention has an envelop (11) including a panel (12) attached to a funnel (15), the funnel having a neck (14) and an electron gun (26) for generating at least one electron beam (28) contained in the neck. A mask (25) is contained in the envelop near the panel. A region of the mask has columns (30) of apertures (31) of predetermined heights and predetermined pitches. The at least one electron beam has a spot size range and spot shape selected such that the moire transformation function for the CRT in the region is less than about 0.02, wherein the moire transformation function is a quotient having a numerator being the difference between a maximum value and a minimum value of mask transmission and a denominator being the sum of the maximum and the minimum values. The mask transmission is the percentage of electrons of a spatially uniform electron beam incident on the mask that can propagate therethrough the apertures averaged over a plurality of adjacent mask aperture columns and the regions containing the maximum and minimum values are adjacent to each other.

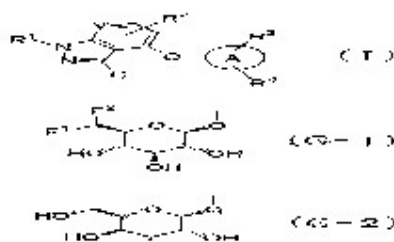
(54) Title of the invention : 'NITROGENOUS FUSED-RING DERIVATIVES, MEDICINAL COMPOSITIONS CONTAINING THE DERIVATIVES, AND USE THEREOF AS DRUGS'

(51) International classification :C07H 17/02
 (31) Priority Document No :2004-061426
 (32) Priority Date :04/03/2004
 (33) Name of priority country :Japan
 (86) International Application No :PCT/JP2005/004145
 Filing Date :03/03/2005
 (87) International Publication No :WO 2005/085267
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :
1)KISSEI PHARMACEUTICAL CO., LTD.
 Address of Applicant :19-48, YOSHINO, MATSUMOTO-SHI,
 NAGANO 399-8710 JAPAN. Japan
 (72)Name of Inventor :
1)NOBUHIKO FUSHIMI
2)HIROTAKA TERANISHI
3)KAZUO SHIMIZU
4)SHIGERU YONEKUBO
5)FUMIAKI ITO
6)MASAYUKI ISAJI

(57) Abstract :

The present invention provides nitrogen-containing fused-ring derivatives represented by the following general formula, or pharmaceutically acceptable salts thereof, or prodrugs thereof, which exhibit an excellent inhibitory activity in human SGLT and are useful as agents for the prevention or treatment of a disease associated with hyperglycemia such as diabetes, postprandial hyperglycemia, impaired glucose tolerance, diabetic complications or obesity, in the formula R represent H, an optionally substituted alkyl group, an alkenyl² group, etc.; R represent H, a halogen atom or an alkyl group; 3 4 R and R represent H, OH, a halogen atom, an optionally substituted alkyl group, etc.; Y represents CH or N; Q represents alkylene, alkenylene, etc.; ring A represents an aryl group or a heteroaryl group; G represents a group represented by the following general formula (G-1) or (G-2) (in which E represents 2 H, F or OH; and E represents H, F, a methyl group, etc.), and pharmaceutical compositions comprising the same, and pharmaceutical uses thereof.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.5081/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :04/09/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : 'A METHOD OF PREPARING A BREAD DOUGH OR PART BAKED BREAD'

(51) International classification	:A21D 8/04
(31) Priority Document No	:04075505.0
(32) Priority Date	:17/02/2004
(33) Name of priority country	:Netherlands
(86) International Application No	:PCT/NL2005/000112
Filing Date	:16/02/2005
(87) International Publication No	:WO 2005/077192
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)WAGENINGEN CENTRE FOR FOOD SCIENCES
Address of Applicant :DIEDENWEG 20, NL-6703 GW
WAGENINGEN, THE NETHERLANDS. Netherlands
(72)**Name of Inventor :**
1)HAMER, ROBERT JAN
2)PRIMO-MARTIN, CRISTINA

(57) Abstract :

The present invention relates to a method of preparing a bread dough and a part baked bread comprising: (a) mixing flour, water and optionally other bakery ingredients to form a bread dough; (b) optionally part baking the dough to obtain a part baked bread; and (c) applying an enzyme material with proteolytic activity to the outside surface of the dough or the part baked bread. The bread dough and part baked bread obtained by the present method offer the advantage that they can be baked to yield a bread product that will retain a crispy crust for a considerable period of time after baking.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4210/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :20/07/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : "CDK2 ANTAGONISTS AS SHORT FORM C-MAF TRANSCRIPTION FACTOR ANTAGONISTS FOR TREATMENT OF GLAUCOMA"

(51) International classification :A61K 31/52
(31) Priority Document No :60/531,801
(32) Priority Date :22/12/2003
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2004/042930
Filing Date :21/12/2004
(87) International Publication No :WO 2005/063252
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)ALCON, INC.
Address of Applicant :BOSCH 69, P.O. BOX 62, CH-6331
HUNENBERG, SWITZERLAND. Switzerland
(72)**Name of Inventor :**
1)SHEPARD, ALLAN R.
2)JACOBSON, NASREEN
3)CLARK, ABBOT F.

(57) Abstract :

The short form version of c-Maf transcription factor is up-regulated in steroid-treated and transforming growth factor beta2-treated trabecular meshwork cells, and is present at elevated levels in glaucomatous versus normal trabecular meshwork cells and in glaucomatous versus normal optic nerve head tissue. Expression of short form c-Maf transcription factor under these conditions indicates a causal or effector role for the factor in primary open-angle and steroid-induced glaucoma pathogenesis. Antagonism of short form c-Maf transcription factor expression and/or activity in the trabecular meshwork or other ocular tissue is provided for inhibiting or alleviating glaucoma pathogenesis. Antagonists include cyclin-dependent kinase 2 inhibitors.

(54) Title of the invention : "PILOT TRANSMISSION AND CHANNEL ESTIMATION FOR AN OFDM SYSTEM WITH EXCESS DELAY SPREAD"

(51) International classification :H04L 27/26
 (31) Priority Document No :60/538,210
 (32) Priority Date :21/01/2004
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2004/040959
 Filing Date :07/12/2004
 (87) International Publication No :WO 2005/076558
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

(71)**Name of Applicant :**
1)QUALCOMM INCORPORATED
 Address of Applicant :5775 MOREHOUSE DRIVE, SAN DIEGO,
 CALIFORNIA 92121-1714, UNITED STATES OF AMERICA U.S.A.
 (72)**Name of Inventor :**
1)DHANANJAY ASHOK GORE
2)AVNEESH AGRAWAL

(57) Abstract :

Pilot transmission and channel estimation techniques for an OFDM system with excess delay spread are described. To mitigate the deleterious effects of excess delay spread, the number of pilot subbands is greater than the cyclic prefix length. This "oversampling" may be achieved by using more pilot subbands in each symbol period or different sets of pilot subbands in different symbol periods. In one channel estimation technique, first and second groups of received pilot symbols are obtained for first and second pilot subband sets, respectively, and used to derive first and second frequency response estimates, respectively. First and second impulse response estimates are derived based on the first and second frequency response estimates, respectively, and used to derive a third impulse response estimate having more taps than the number of pilot subbands in either set.

(54) Title of the invention : "PHARMACEUTICALLY ACTIVE COMPOUNDS"

(51) International classification	:C07D 401/06
(31) Priority Document No	:0402492.3
(32) Priority Date	:04/02/2004
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/IB2005/000208
Filing Date	:26/01/2005
(87) International Publication No	:WO 2005/077935
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)PFIZER INC.

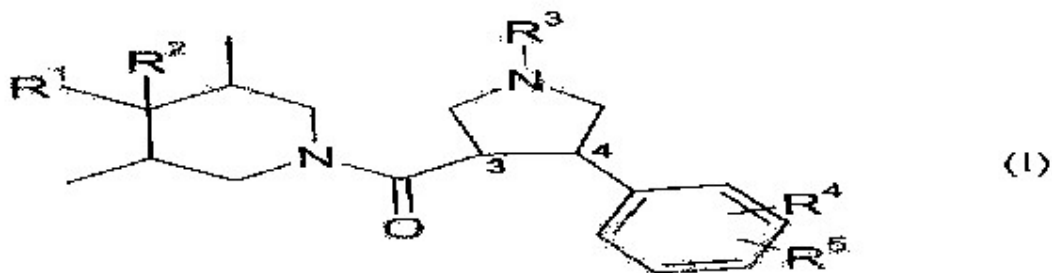
Address of Applicant :235 EAST 42ND STREET, NEW YORK, NEW YORK 10017, UNITED STATES OF AMERICA. U.S.A.

(72)Name of Inventor :

1)ANDREW ANTONY CALABRESE**2)DAVID SEBASTIEN FRADET****3)DAVID HEPWORTH****4)MARK LANSDELL**

(57) Abstract :

The present invention relates to a class of melanocortin MCR4 agonists of general formula (I) wherein R1, R2, R3, R4 and R5 are as defined herein and especially to selective MCR4 agonist compounds, to their use in medicine, to compositions containing them, to processes for their preparation and to intermediates used in such processes.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.4213/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :21/07/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : "MODULAR COMMUNICATION SYSTEM"

(51) International classification	:H04M 1/00
(31) Priority Document No	:10/776658
(32) Priority Date	:11/02/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2005/003446
Filing Date	:07/02/2005
(87) International Publication No	:WO 2005/079042 A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)MOTOROLA, INC
Address of Applicant :1303 EAST ALGONQUIN ROAD,
SCHAUMBURG, ILLINOIS 60196, UNITED STATES OF AMERICA
U.S.A.
(72)**Name of Inventor :**
1)STEPHEN O. BOZZONE
2)RYAN M. NILSEN
3)BONNIE J. BACHMAN

(57) Abstract :

A modular communication system (10) can include an adaptable communication module (12) having a transceiver (13) coupled to a processor (14) and memory (20), and a first interface block (24) coupled to the processor, and a host device (30) having a power source (36), a user interface (34), and a second interface block (46). The host device can be among a plurality of host devices having different user interfaces and the processor is adaptable to control the different user interfaces when the first interface block recognizes the second interface block. The module can further include a DSP (16) and a display (18) coupled to the processor as well as an antenna (11). A host device can be a phone, a wristwatch, a camera or video phone, an MP3 player, a heart rate monitor, a game controller, a toy, a stroller, or a crib among other devices.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4214/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :21/07/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : "FABRIC REINFORCED CEMENT"

(51) International classification	:D02G 3/00
(31) Priority Document No	:10/786,272
(32) Priority Date	:25/02/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2005/006180
Filing Date	:25/02/2005
(87) International Publication No	:WO 2005/082065
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)MILLIKEN & COMPANY
Address of Applicant :920 MILLIKEN ROAD, (M-495)
SPARTANBURG, SOUTH CAROLINA 29304, UNITED STATES OF
AMERICA. U.S.A.
(72)**Name of Inventor :**
1)JOSEPH R. ROYER
2)SAMUEL E. GRAHAM
3)RANDOLPH S. KOHLMAN

(57) Abstract :

The present disclosure relates to cementitious articles that are reinforced with a fabric made at least partially of high modulus polyolefin monofilament fibers. Preferably, the polypropylene monofilament yarns have a 3% secant modulus of elasticity of at least 100g/denier. The high modulus polypropylene fabric has an intrinsic resistance to the alkaline conditions present in a cementitious composite, as well as a low elongation at break. The high modulus polypropylene may contain a nucleating agent to facilitate the process of obtaining desired draw ratio.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4102/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application : 17/07/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : "ANTENNA BEAM CONTROL APPARATUS FOR BASE TRANSCEIVER STATION ANTENNAS "

(51) International classification

:H01Q 3/02

(31) Priority Document No

:10-2003-0095761

(32) Priority Date

:23/12/2003

(33) Name of priority country

:Republic of Korea

(86) International Application No

:PCT/KR2004/001344

Filing Date

:04/06/2004

(87) International Publication No

:WO 2005/062419

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)KMW INC.

Address of Applicant :65, YOUNGCHON-RI, TONGTAN-MYON,
HWASONG-SHI, KYONGGI-DO, REPUBLIC OF KOREA. Republic
of Korea

(72)Name of Inventor :

1)KIM, DUK-YONG

2)KIM, YOON-YONG

3)MOON, YOUNG-CHAN

4)KIM, JONG-SUNG

5)KANG, SEONG-MAN

6)KIM, TAEK-DONG

(57) Abstract :

Disclosed herein is an antenna beam control apparatus for steering a horizontal azimuth angle or horizontal beam width of base transceiver station antennas. The apparatus comprises at least one antenna reflection plate, rotation means for rotating the antenna reflection plate, plural driving means for driving the rotation means, driving control means for controlling the driving means according to external control signals, and a radome containing the antenna reflection plate and all the above means therein.

(54) Title of the invention : "PESTICIDAL COMPOSITION"

(51) International classification : A01N 43/653
 (31) Priority Document No : 20031213208
 (32) Priority Date : 31/12/2003
 (33) Name of priority country : Ukraine
 (86) International Application No : PCT/UA2004/000089
 Filing Date : 31/12/2004
 (87) International Publication No : WO 2005/063021
 (61) Patent of Addition to Application Number : NA
 Filing Date : NA
 (62) Divisional to to Application Number : NA
 Filing Date : NA

(71) **Name of Applicant :**
1) TOVARYSTVO Z OBMEZHENOJU VIDPOVIDAL'NISTU
"PRESENCE"
 Address of Applicant : UL. BEREZNEVA, 10, KIEV, 02160,
 UKRAINE. Ukraine
 (72) **Name of Inventor :**
1) KULYKOV, SERGIY VIKTOROVYCH
2) TYSCHUK, Yury Vasylyovych
3) DAVYDUK, Oleg Mykolajovych

(57) Abstract :

The invention has its ground in the pesticidal composition comprising as active components effective substance of oxathiin series carboxin, other active components, and water for creation of a suspension. Novelty of the present solution lies in its comprising as other active components effective substances of triazole series triadimenol and tebuconazol, the mass ration of effective substances carboxin, triadimenol and tebuconazol amounting to (I...6): (0,07...4):(0,01 ...0,6) correspondingly, said composition further comprising auxiliary substances at following quantitative ration of components, carboxin 100...600, triadimenol 70...400, tebuconazol I...60, auxiliary compounds, 50... 300, water to I I.

(54) Title of the invention : "PAINT COMPOSITION IMPROVED FAR-INFRARED RADIATION, ANTIBIOSIS AND SOLVENT RESISTANCE, AND PRECOATED METAL SHEET COATED THE SAME"

(51) International classification	:C09D 1/00	(71)Name of Applicant :
(31) Priority Document No	:10-2003-0099569	1)POSCO
(32) Priority Date	:30/12/2003	Address of Applicant :1 KOEDONG-DONG, NAM-KU, POHANG,
(33) Name of priority country	:Republic of Korea	KYUNGSANGBOOK-DO 790-300, REPUBLIC OF KOREA. Republic
(86) International Application No	:PCT/KR2004/003454	of Korea
Filing Date	:27/12/2004	(72)Name of Inventor :
(87) International Publication No	:WO 2005/063898	1)KIM, JIN-TAE
(61) Patent of Addition to Application Number	:NA	2)JUNG, BYUNG-KUK
Filing Date	:NA	3)JIN, YEONG-SOOL
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Disclosed is a paint composition having high far-infrared radioactivity, antibiotic activity and solvent resistance and a precoated metal sheet for home appliances, coated with the paint composition. According to the current invention, a paint composition including a thermosetting resin, 9-60 parts by weight of ceramic powder and 0.2-4.0 parts by weight of phosphoric acid, based on 100 parts by weight of the thermosetting resin, is provided, and a precoated metal sheet coated with such a paint composition is also provided. The paint composition and the precoated metal sheet coated with the paint composition manifest high far-infrared radioactivity and antibiotic activity, and as well, have storage stability and solvent resistance increased by neutralizing the alkalinity of ceramic powder using phosphoric acid. Further, a silane compound and a curing catalyst are additionally used to increase gloss and processability.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4108/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application : 17/07/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : "NOVEL CRYSTALLINE FORMS OF AN INHIBITOR OF 11-BETA-HYDROXYSTEROID DEHYDROGENASE TYPE 1"

(51) International classification	:C07D 249/08
(31) Priority Document No	:60/539,206
(32) Priority Date	:26/01/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2005/001928
Filing Date	:21/01/2005
(87) International Publication No	:WO 2005/073200
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)MERCK & CO., INC
Address of Applicant :126 EAST LINCOLN AVENUE, RAHWAY,
NEW JERSEY 07065-0907 US U.S.A.
(72)**Name of Inventor :**
1)BEREZNITSKI, YURI
2)HUFFMAN, MARK, A.
3)LYNCH, JOSEPH, E.
4)ZHAO, MATTHEW

(57) Abstract :

Novel crystalline salts of 3-[1-(4-chlorophenyl)--3-fluorocyclobutyl]-4,5-dicyclopropyl-r-4//1,2,4-triazole are potent inhibitors of 11 β -hydroxysteroid dehydrogenase Type 1 and are useful for the treatment of conditions associated with Metabolic Syndrome as well as cognitive impairment. The invention also relates to pharmaceutical compositions containing these novel salts, processes to prepare these salts and their pharmaceutical compositions as well as uses thereof for the treatment of Type 2 diabetes, hyperglycemia, obesity, dyslipidemia, hypertension, and cognitive impairment.

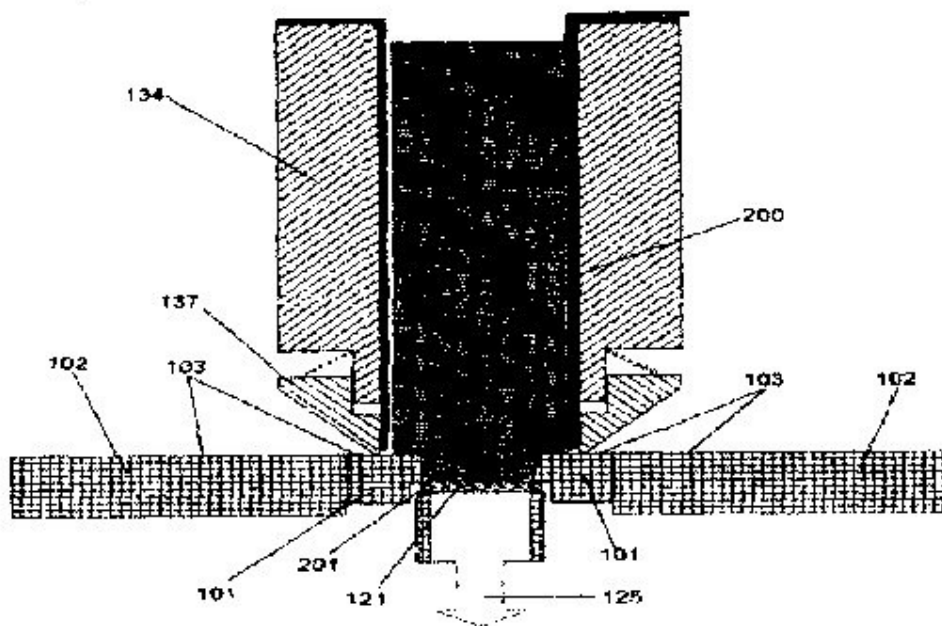
(54) Title of the invention : METHOD FOR VOLUMETRIC FILLING OF POWDER.

(51) International classification :B65B 1/36
 (31) Priority Document No :0400282.0
 (32) Priority Date :09/02/2004
 (33) Name of priority country :Sweden
 (86) International Application No :PCT/SE2005/000162
 Filing Date :08/02/2005
 (87) International Publication No :WO 2005/075292
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :
1)MEDERIO AG
 Address of Applicant :P.O.BOX 138, CH-6052 HERGISWIL NW
 (CH). Switzerland
 (72)Name of Inventor :
1)KAX, LARS
2)FRIBERG,CLAES

(57) Abstract :

The invention discloses a method and an apparatus for exact metering and volumetric filling of dry powder medicament doses into preformed containers, which are adapted for administration by means of a dry powder inhaler (DPI). The filling apparatus of the invention includes at least a bulk powder source (401), a feeding chamber (134) and a receptacle (110) providing the volume for a specified load mass (202) of dry powder. The bulk powder source releases a portion of powder discontinuously to the feeding chamber, but is disconnected from the feeding chamber and receptacle during the filling operation. The filling apparatus further presents a plane surface (103) in contact with the movable feeding chamber and provides a hard-wearing, low friction coating for reducing dynamic friction and powder retention.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.4195/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :20/07/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : "USE OF MELOXICAM FOR THE TREATMENT OF RESPIRATORY DISEASES IN PIGS"

(51) International classification	:A61K 31/5415
(31) Priority Document No	:04004054.5
(32) Priority Date	:23/02/2004
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/EP2005/001549
Filing Date	:16/02/2005
(87) International Publication No	:WO 2005/079806
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)BOEHRINGER INGELHEIM VETMEDICA GMBH
Address of Applicant :BINGER STRASSE 173, 55216
INGELHEIM, GERMANY Germany
(72)**Name of Inventor :**
1)INGO ULRICH LANG
2)IOANNIS PAPATSAS

(57) Abstract :

The invention relates to the use of meloxicam or a pharmaceutically acceptable salt thereof for preparing a pharmaceutical composition for the treatment or prevention of respiratory diseases in pigs.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4196/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :20/07/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : "METHODS AND APPARATUS TO OPTIMIZE DELIVERY OF MULTICAST CONTENT USING PROBABILISTIC FEEDBACK"

(51) International classification :H04L 12/26
(31) Priority Document No :60/537,957
(32) Priority Date :20/01/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2004/041477
Filing Date :08/12/2004
(87) International Publication No :WO 2005/074191
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)QUALCOMM INCORPORATED
Address of Applicant :5775 MOREHOUSE DRIVE, SAN DIEGO,
CALIFORNIA 92121-1714, USA U.S.A.
(72)**Name of Inventor :**
1)RAVINDER PAUL CHANDHOK
2)PAUL E. JACOBS
3)AN MEI CHEN
4)THADI M. NAGARAJ
5)BEN A. SAIDI

(57) Abstract :

Methods and apparatus to optimize delivery of multicast content using probabilistic feedback. A method is provided for transmitting data from a server to a plurality of receiving terminals. The method includes transmitting the data from the server to the plurality of receiving terminals, and generating a random response value at each receiving terminal. The method also includes comparing the response value to an acknowledgement value at each receiving terminal, and transmitting an acknowledgment signal to the server from selected receiving terminals. The selected receiving terminals are a portion of the plurality of receiving terminals where the response value has a selected relationship to the acknowledgement value.

(54) Title of the invention : "STABLE, PALATABLE SYRUP CONTAINING IBUPROFEN AND METHOD OF ITS PREPARATION"

(51) International classification	:A61K 47/48
(31) Priority Document No	:PV 2004-262
(32) Priority Date	:20/02/2004
(33) Name of priority country	:Czech Republic
(86) International Application No	:PCT/CZ2005/000019
Filing Date	:15/02/2005
(87) International Publication No	:WO 2005/079858
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :
1)I.Q.A., A.S.
Address of Applicant :JINDRICH PLACHTY 16, 155 00 PRAHA
5, CZECH REPUBLIC, Czech Republic
(72)Name of Inventor :
1)MICHAL SVOBODA
2)XENIA SVOBODOVA

(57) Abstract :

The invention concerns stable, palatable syrups for oral administration, containing S(+)-ibuprofen, hydroxypropyl beta-cyclodextrin, at least one sweetener and water, optionally essential oils. It also includes methods of preparation of the syrups of the invention, wherein crystalline S(+)-ibuprofen is dissolved in a hydroxypropyl beta-cyclodextrin aqueous solution and the final concentration of S(+)-ibuprofen is adjusted as desired by addition of an aqueous solution of sweeteners or a mixture of sweeteners and optionally of water. If the syrup of the invention contains essential oils, it is prepared by dissolving of crystalline S(+)-ibuprofen in a hydroxypropyl beta-cyclodextrin aqueous solution, combining the resulting solution with an essential oil solution in sweetener / mixture of sweeteners, preferably in a mixture of glycerin and 70 % sorbitol aqueous solution, and adjusting the final concentration as desired by addition of aqueous solution of sweeteners or mixture of sweeteners and optionally of water.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4199/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :20/07/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : CHEMICAL PROCESS FOR RECYCLING POLYETHYLENE TEREPHTHALATE (PET) WASTES

(51) International classification	:C07C 51/02
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/IB2004/000257
Filing Date	:27/01/2004
(87) International Publication No	:WO 2005/082826
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)ARTURO GUADALUPE FREGOSO-INFANTE
Address of Applicant :PLAYA LANGOSTA NO. 162, COL.
MARTE, DELEG, IZTACALCO, 08830 MEXICO, D.F., MX Mexico
(72)**Name of Inventor :**
1)ARTURO GUADALUPE FREGOSO-INFANTE
2)ROXANA VEGA-RANGEL
3)MARICRUZ FIGUEROA-GOMEZ-CRESPO

(57) Abstract :

The present invention relates to a process for chemical recycling of PET waste that comprises, among other stages, a saponification reaction stage, wherein PET waste particles are reacted with stoichiometric or excessive amounts of a strong base metal in an alcoholic reaction media, the reaction being brought to the boiling temperature of the alcoholic reaction media, preferably at atmospheric pressure, thereby obtaining as reaction products a salt of terephthalic acid with the base metal and ethylene glycol, the latter being incorporated to the alcoholic reaction media. From this reaction it is possible to afford ethylene glycol, acid and salts thereof, which are products with a high commercial value.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5706/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :29/09/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : "MAGNETICALLY DRIVEN GEAR PUMP"

(51) International classification	:F01C1/02; F01C1/063; F01C1/18	(71) Name of Applicant : 1)PEOPLETLO MANUFACTRING INCORPORATED Address of Applicant :10045 PACIFIC AVENUE, FRANKLIN PARK, IL 60526, UNITED STATES OF AMERICA U.S.A.
(31) Priority Document No	:10/818,510	(72) Name of Inventor :
(32) Priority Date	:05/04/2004	1)SHAFFER CLARK , J.
(33) Name of priority country	:U.S.A.	2)BLANKEMEIER, WILLIAM, R.
(86) International Application No	:PCT/US2005/006935	
Filing Date	:23/03/2005	
(87) International Publication No	:WO 2005/100749	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A magnetically driven gear pump having a housing, a rotatable annular magnetic drive assembly magnetically coupled to but spaced from an annular driven magnet and rotor gear assembly with an annular canister disposed therebetween, and wherein when the annular magnetic drive assembly is rotated, the annular driven magnet and rotor gear assembly rotate on a first shaft portion of an offset stationary shaft and the rotor gear drives an idler gear that rotates on a second shaft portion of the offset stationary shaft.

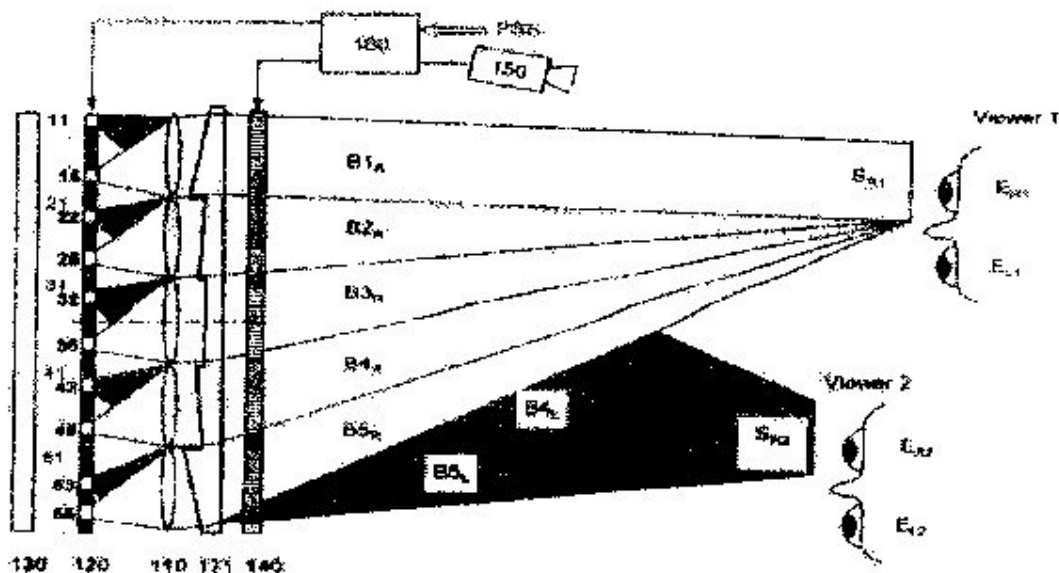
(54) Title of the invention : MULTI-USER AUTOSTEREOSCOPIC DISPLAY WITH POSITION TRACKING

(51) International classification : H04N 13/00
 (31) Priority Document No : 103 59 403.5
 (32) Priority Date : 18/12/2003
 (33) Name of priority country : Denmark
 (86) International Application No : PCT/DE2004/002805
 Filing Date : 17/12/2004
 (87) International Publication No : WO 2005/060270
 (61) Patent of Addition to Application Number : NA
 Filing Date : NA
 (62) Divisional to to Application Number : NA
 Filing Date : NA

(71) Name of Applicant :
1) SEEREA TECHNOLOGIES GMBH
 Address of Applicant : BLASEWITZER STRASSE 43, D-01307
 DRESDEN, GERMANY. Germany
 (72) Name of Inventor :
1) SCHWERDTNER, ARMIN

(57) Abstract :

An autostereoscopic multi-user display comprising a sweet-spot unit which is directionally controlled by a tracking and image control device (160), wherein an illumination matrix (120) is provided with separately activatable illuminating elements (11 ... 56), in addition to an imaging device used to alternately image active illuminating elements, for making expanded sweet spots (SRI/SR2) visible to various eye positions (EL1/EiRI, EL2/ER2) of viewers observing alternating images or a stereoscopic image sequence on a transmissive image matrix (140) with the aid of directed beams (B1R ... B5L). According to the invention, the imaging device comprises an imaging matrix (110) provided with a plurality of lens elements (111 115) whose focal length is small in order to image the active illuminating elements in an enlarged manner onto the sweet spots (SR1/SR2), and a field lens (171), which follows the imaging matrix (110), in order to keep the distances of the activated illuminating elements between adjacent beams (B1, B2, B4, B5) as constant as possible and in order to assist selection of the directions (D1 ... D5) with the illumination matrix (120) for the beams.



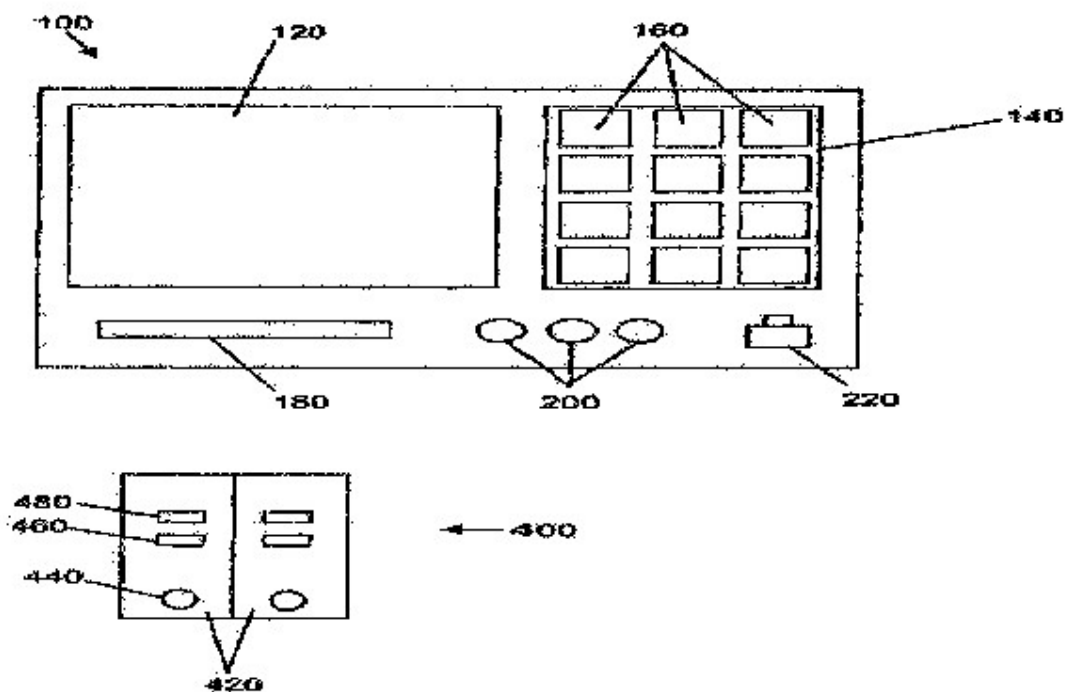
(54) Title of the invention : MONITORING METHOD AND APPARATUS

(51) International classification : A61B 5/02
 (31) Priority Document No : 0329288.5
 (32) Priority Date : 18/12/2003
 (33) Name of priority country : U.K.
 (86) International Application No : PCT/US04/042153
 Filing Date : 17/12/2004
 (87) International Publication No : WO 2005/060652
 (61) Patent of Addition to Application Number : NA
 Filing Date : NA
 (62) Divisional to to Application Number : NA
 Filing Date : NA

(71) Name of Applicant :
1) INVERNESS MEDICAL SWITZERLAND GMBH
 Address of Applicant : BUNDESPLATZ 1, 6300 ZUG,
 SWITZERLAND Switzerland
 (72) Name of Inventor :
1) SHEARD, PAUL
2) REAY, MARIKA
3) TORRANCE, ANDREW, W.

(57) Abstract :

As shown in Figure 1, a device for remote management of patients suffering from heart failure and hypertension can measure one or more biomarker. The device aids in monitoring the efficacy and safety of treatment in such patients.



(54) Title of the invention : METHOD AND SYSTEM FOR EFFICIENT ROUTING IN AD HOC NETWORKS

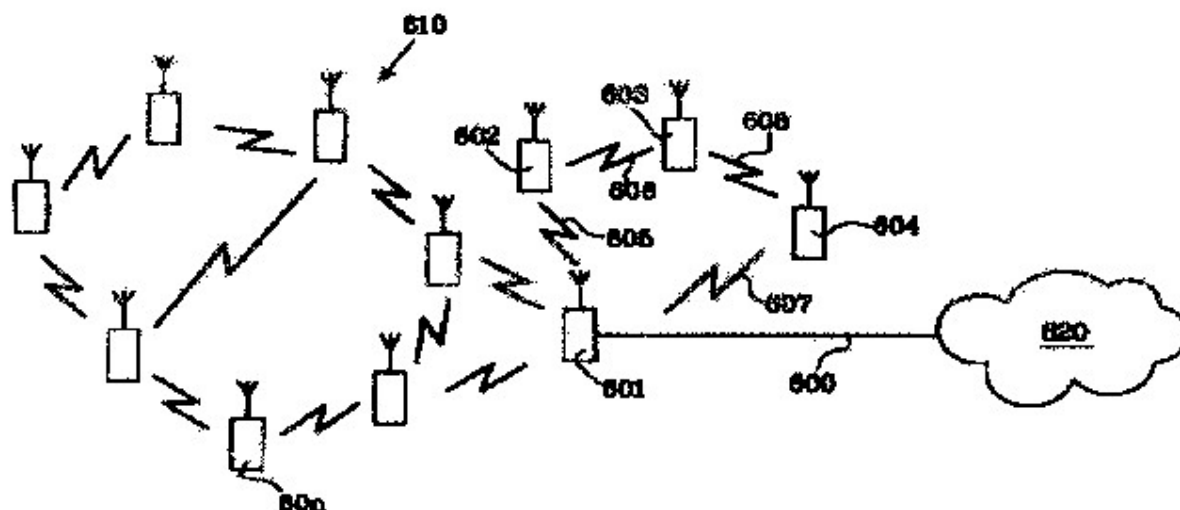
(51) International classification	:H04L 12/56
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/SE2003/002085
Filing Date	:23/12/2003
(87) International Publication No	:WO 2005/062554
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :
1)TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)
 Address of Applicant :SE 164 83 STOCKHOLM (SE) Sweden

(72)Name of Inventor :
1)AXELSSON, LEIF
2)HONDA, YOSHIO
3)URABE, KENZO
4)ODA, TOSHIKANE

(57) Abstract :

The present invention relates to a method for efficient routing in a multiple hop wireless communication network. The invention is characterized in that data packets are routed over transmission paths using the following steps providing link status information by acquiring link status quality between nodes in the network, updating a routing element (101) with said link status information, determining possible routes with essentially similar link quality status for said data packet, and routing said data packet via the determined routes.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.4083/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :14/07/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : "WATER DESALINATION"

(51) International classification	:C02F 1/44
(31) Priority Document No	:2004900164
(32) Priority Date	:15/01/2004
(33) Name of priority country	:Australia
(86) International Application No	:PCT/AU2005/000052
Filing Date	:17/01/2005
(87) International Publication No	:WO 2005/068371
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)DESALN8 PTY LTD.

Address of Applicant :LEVEL 1, UNIT 21, BUSINESS PARK
DRIVE, NOTTING HILL, VICTORIA, 3149, AUSTRALIA Australia

(72)Name of Inventor :

1)CHRITOPHER BARBER

(57) Abstract :

An in situ desalination apparatus comprising a reverse osmosis unit (15) having a reverse osmosis medium, the reverse osmosis unit in use to be located within a body of water under ambient bio-physico-chemical conditions often different from those at the surface, the unit having an inlet (17) opening to one side of the reverse osmosis medium, in use the inlet to be located below the upper surface of a body of water, the unit having a concentrate outlet (25) opening to the one side of the reverse osmosis medium and opening into the exterior of the unit at a position spaced below the inlet to return concentrate into the water body, the unit having a permeate outlet (27) opening to the other side of the reverse osmosis medium, the permeate outlet communicating with a delivery line extending from the body of water, a pump (23) between body of water and the reverse osmosis unit and adapted to pressurise the water located at the one side of the reverse osmosis medium.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4084/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :14/07/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : "COMPOSITIONS OF SEMI-INTERPENETRATING POLYMER NETWORK"

(51) International classification	:C08L 5/08
(31) Priority Document No	:0329907.0
(32) Priority Date	:23/12/2003
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/GB2004/005443
Filing Date	:22/12/2004
(87) International Publication No	:WO 2005/061611 A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)HYALTECH LIMITED
Address of Applicant :RESEARCH AVENUE SOUTH, HERIOT
WATT RESEARCH PARK, EDINBURGH EH14 4AP, UNITED
KINGDOM U.K.

(72)**Name of Inventor :**
1)WHITE, BERRY, JAMES
2)RODDEN, GILLINA, ISABELLA

(57) Abstract :

Novel compositions consisting of semi-interpenetrating networks of cross-linked water soluble derivatives of basic polysaccharides and a non-cross-linked component, which is an anionic polysaccharide are provided. Methods for the production of such compositions are also disclosed. Preferably the basic polysaccharide is chitosan or a derivative thereof. The compositions can be formed into gels or films, for example, and thus find use in a wide range of medical applications.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5083/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :04/09/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : "COMPOSITION FOR CORD COATING, CORD FOR RUBBER REINFORCEMENT MADE WITH THE SAME, AND RUBBER PRODUCT MADE WITH THE SAME"

(51) International classification	:D06M 15/41
(31) Priority Document No	:2004-097958
(32) Priority Date	:30/03/2004
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2005/005564
Filing Date	:25/03/2005
(87) International Publication No	:WO 2005/098123
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)NIPPON SHEET GLASS COMPANY, LIMITED
Address of Applicant :1-7, KAIGAN 2 CHOME, MINATO-KU,
TOKYO 105-8552 JAPAN Japan
(72)**Name of Inventor :**
1)KEISUKE KAJIHARA
2)NAOYA MIZUKOSHI

(57) Abstract :

A composition for cord coating of the present invention comprises a latex of a first rubber, a phenol resin, and a water-soluble condensation product of resorcinol-formaldehyde so that a ratio of the first rubber to a solid content of the composition, a ratio of the phenol resin thereto, and a ratio of the water-soluble condensation product thereto are 30 to 95 wt.%, 0.01 to 30 wt.%, and 2 to 15 wt.%, respectively, wherein the first rubber is a nitrile group-containing highly saturated polymer rubber having an iodine value of 120 or less, and the above-described water-soluble condensation product is a novolac-type condensation product.

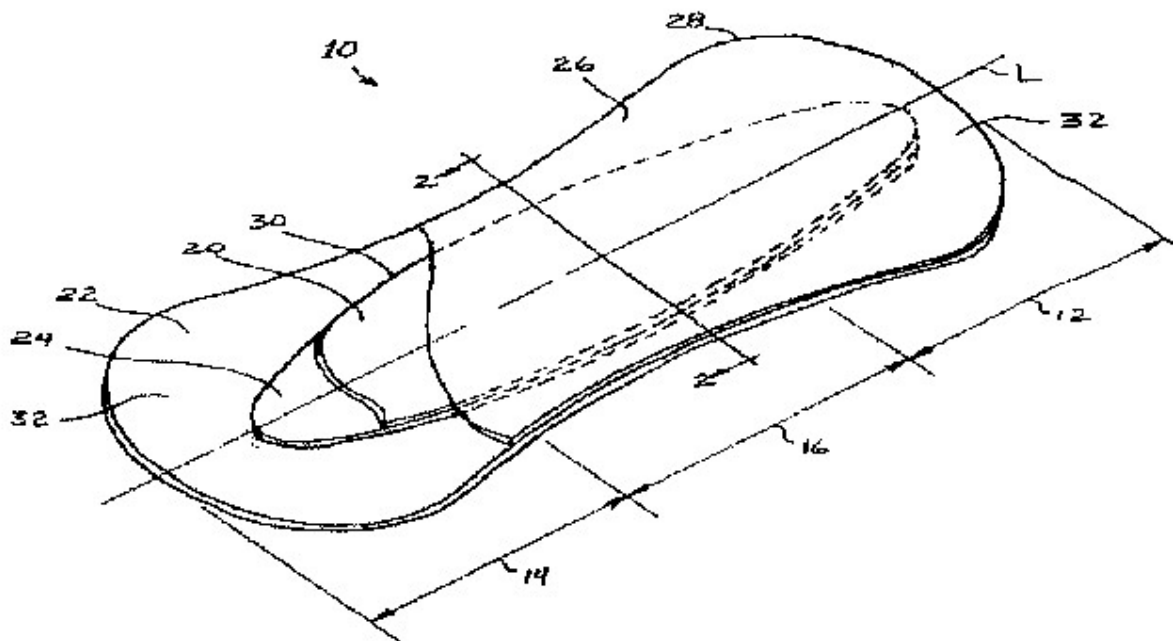
(54) Title of the invention : "PANTILINER"

(51) International classification :A61F 13/15
 (31) Priority Document No :10/790,418
 (32) Priority Date :01/03/2004
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2005/006722
 Filing Date :01/03/2005
 (87) International Publication No :WO 2005/084597
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :
1)THE PROCTER AND GAMBLE COMPANY
 Address of Applicant :ONE PROCTER & GAMBLE PLAZA,
 CINCINNATI, OHIO 45202 (US) U.S.A.
 (72)Name of Inventor :
1)VEGLIO, PAOLO
2)GAGLIARDI, IVANO
3)CARLUCCI, GIOVANNI
4)D'ADDARIO, ROBERTO
5)PARTENZA, VINCENZO

(57) Abstract :

Sanitary napkin comprising a fluid permeable topsheet, a fluid permeable backsheet, and an absorbent core disposed therebetween is disclosed. The sanitary napkin can be a pantiliner. The absorbent core comprises relatively hydrophilic material defining a core outer periphery. The topsheet and the backsheet comprise relatively hydrophobic nonwoven material, at least one of the topsheet and the backsheet defining a sanitary napkin outer periphery that is substantially larger than the core outer periphery. The area between the core outer periphery and the sanitary napkin outer periphery is a breathable zone. The sanitary napkin further comprises a fluid impermeable barrier between the backsheet and the absorbent core, the fluid impermeable barrier being disposed within the core outer periphery.



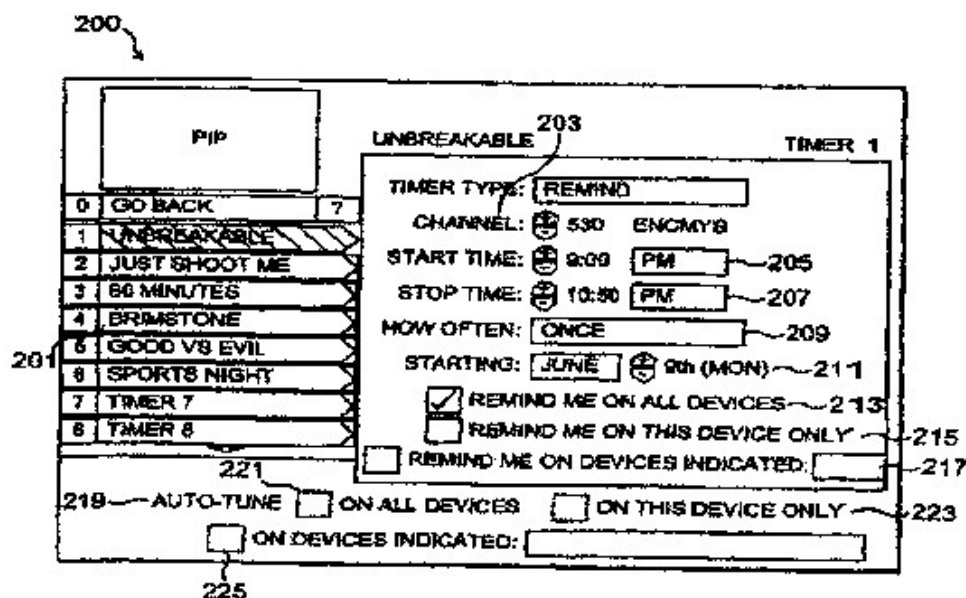
(54) Title of the invention : "SYSTEM AND METHOD FOR CUSTOMIZING PROGRAMMING REMINDERS "

(51) International classification :H04N 5/445
 (31) Priority Document No :60/551,584
 (32) Priority Date :09/03/2004
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2005/006249
 Filing Date :25/02/2005
 (87) International Publication No :WO 2005/094068
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :
1)THOMSON LICENSING
 Address of Applicant :46 QUAI A. LE GALLO, F-92100
 BOULOGNE-BILLANCOURT (FR) France
 (72)Name of Inventor :
1)JOHNSON, CAROLYNN RAE
2)RANDALL, DARREL WAYNE

(57) Abstract :

A system and method for permitting users to control and customize program reminders for reminding the user of desired upcoming television programming event(s) is disclosed. A reminder customizer (107) is provided having reminder options (213, 215, 217) which permit users to control on which device(s) a reminder is desired to appear



(12) PATENT APPLICATION PUBLICATION

(21) Application No.5086/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :04/09/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : "A FAST CALL SETUP METHOD"

(51) International classification	:H04Q 7/00
(31) Priority Document No	:60/548,478
(32) Priority Date	:27/02/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2005/006291
Filing Date	:24/02/2005
(87) International Publication No	:WO 2005/086501
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)NORTEL NETWORKS LIMITED
Address of Applicant :2351 BOULEVARD ALFRED-NOBEL, ST.
LAURENT, QUEBEC H4S 2A9, CANADA Canada

(72)**Name of Inventor :**
1)HASEEB AKHTAR
2)AZEEM AHMAD

(57) Abstract :

In accordance with the teachings of the present invention, a method and apparatus for performing fast call set-up in a wireless network is presented. A number of efficiencies are implemented to diminish the time required for establishing a call in a packet-based network. For example, call initiation and Base Station Subsystem (BSS) resource allocation are performed contemporaneously; radio link resources and packet resources are initiated contemporaneously; an A10 interface is established immediately after allocating and connecting Packet Control Function (PCF) resources for a packet data session; and a service connection request is performed immediately after a channel assignment process is performed.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5087/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :04/09/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : "METHOD FOR MANUFACTURING POROUS-GLASS MATERIAL FOR OPTICAL FIBER, AND GLASS BASE MATERIAL"

(51) International classification	:C03B 37/018
(31) Priority Document No	:2004-059207
(32) Priority Date	:03/03/2004
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2005/000258
Filing Date	:12/01/2005
(87) International Publication No	:WO 2005/085146
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)SHIN-ETSU CHEMICAL CO., LTD.
Address of Applicant :6-1, OHTEMACHI 2-CHOME, CHIYODA-KU, TOKYO 1000004, JAPAN. Japan
(72)**Name of Inventor :**
1)HIROSHI MACHIDA
2)MITSUJI SATO

(57) Abstract :

A process for producing a porous preform, comprising, in an apparatus including a burner capable of generating glass microparticles toward a starting material and, opposed to the burner, exhaust means, reciprocating the burner along the starting material so as to effect deposition of glass microparticles formed by reaction of flame hydrolysis of glass raw material on the starting material, characterized in that without removing soot sticking to the interior of the chamber after the completion of porous preform deposition, a subsequent preform deposition is started. The minimum pressure inside the chamber, Pmin may be regulated so as to satisfy the relationship $-80P \leq P_{min} \leq -40Pa$ wherein Pa is a pressure difference between the outside and the inside of the apparatus.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4417/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :31/07/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : RADIAL FOIL BEARING

(51) International classification	:F16C 32/06
(31) Priority Document No	:10-2004-0009869
(32) Priority Date	:14/02/2004
(33) Name of priority country	:Republic of Korea
(86) International Application No	:PCT/KR2005/000400
Filing Date	:14/02/2005
(87) International Publication No	:WO 2005/078294
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)KTURBO, INC.

Address of Applicant :256, Geumho-ri, Buyong-myeon, Cheongwon-gun, Chungbuk, 363-942 Republic of Korean. Republic of Korea

(72)Name of Inventor :

1)HEON SEOK, LEE

(57) Abstract :

The present invention provides a radial foil bearing for supporting a high-speed rotating shaft. The radial foil bearing comprises a top foil (1); a key (2) welded to a cut portion of the top foil; an inner bump coil (3) disposed outwards of the top foil, the inner bump being formed of a wider and higher bump and a narrower and lower bump alternately arranged; an outer bump foil (4) disposed outwards of the inner coil, the outer bump having a height lower than that of the narrower and lower bump of the inner bump foil; a bump sheet (5) for fixing the inner bump and the outer bump; and a bearing housing (6) disposed outwards of the bump sheet and having a key groove (7).

(54) Title of the invention : ELECTRONIC PHOTO-OPTICAL SYSTEM FOR SURVEYING, DIGITALIZING AND REPRODUCING THE EXTERNAL SURFACE OF A THREE-DIMENSIONAL OBJECT, EITHER VIRTUALLY OR IN PLASTIC, COMPOSITE OR PAPERY MATERIAL

(51) International classification	:G05B 19/42	(71) Name of Applicant :
(31) Priority Document No	:MI2004A000166	1)BERTOLA, PAOLO
(32) Priority Date	:03/02/2004	Address of Applicant :30, VIALE DELLA VITTORIA, I-
(33) Name of priority country	:Italy	INTROBIO, ITALY. Italy
(86) International Application No	:PCT/EP2005/000646	2)JULITA, FRANCESCA
Filing Date	:24/01/2005	(72) Name of Inventor :
(87) International Publication No	:WO 2005/076094	1)BERTOLA, PAOLO
(61) Patent of Addition to Application Number	:NA	2)JULITA, FRANCESCA
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The acquisition and reproduction units of the system are interconnected by means of a network in order to survey and regenerate the outline of any kind of object and to reproduced it either virtually in a CAD 3D system or materially in plastic, composite or papery material. Figure 1 is the representative figure.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4421/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :01/08/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : "V.I.P PAYMENT CARD (VARIANTS)"

(51) International classification	:B42D 15/10
(31) Priority Document No	:2004104008
(32) Priority Date	:13/02/2004
(33) Name of priority country	:Russia
(86) International Application No	:PCT/RU2004/000405
Filing Date	:14/10/2004
(87) International Publication No	:WO 2005/077669
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)AIBAZOV OLEG UMAROVICH

Address of Applicant :UL, MOLOSTOVYKH, D.3, KORP. 1, KV.
191, 111555, MOSCOW, RUSSIA Russia

(72)Name of Inventor :

1)AIBAZOV OLEG UMAROVICH

2)BELOV SERGEI KONSTANTINOVICH

3)DOLGIKH VYACHESLAV OLEGOVICH

(57) Abstract :

The body of the inventive payment card is made of a precious or rare metal, bone or fine wood. The elements of a payment system feature, an emitting bank features and protection and personalisation elements are also made from said materials and precious stones by engraving and incrustation. An area for a replaceable standard chip is also provided. Said invention makes it possible to increase the period of use and the reliability of the protection level of the payment card against imitation and counterfeit cards.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4423/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :01/08/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : "DUAL RECEIVE FILTER"

(51) International classification	:H04B 1/12
(31) Priority Document No	:60/642,551
(32) Priority Date	:11/01/2005
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/CA2005/000681
Filing Date	:04/05/2005
(87) International Publication No	:WO 2006/074533
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)RESEARCH IN MOTION LIMITED
Address of Applicant :295 PHILLIP STREET, WATERLOO,
ONTARIO N2L 3W8, CANADA. Canada

(72)**Name of Inventor :**
1)CHAN WEN-YEN
2)KHAN NASEERULLAH

(57) Abstract :

A pre-processing stage is provided for a receiver of a wireless device. The pre-processing stage includes an amplifier that receives signals of interest and unwanted signals and produces amplified signals of interest and amplified unwanted signals, and a matching network that separates the amplified signals of interest from the amplified unwanted signals in conjunction with additional downstream filters. The preprocessing stage also includes a signal path that includes components for receiving and preprocessing the amplified signals of interest, and a shunt path that includes components for adjusting reflected energy sent back to the amplifier for limiting the output swing of the amplifier in a frequency band corresponding to the amplified unwanted signals.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4425/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :01/08/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : "SYSTEM AND METHOD FOR MANAGING MEMORY IN A MOBILE DEVICE "

(51) International classification

:G06F 12/12;G06F
12/14

(31) Priority Document No

:60/693,412

(32) Priority Date

:24/06/2005

(33) Name of priority country

:U.S.A.

(86) International Application No

:PCT/CA05/001207

Filing Date

:03/08/2005

(87) International Publication No

:NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)RESEARCH IN MOTION LIMITED

Address of Applicant :295 PHILLIP STREET, WATERLOO,
ONTARIO N2L 3W8, CANADA. Canada

(72)Name of Inventor :

1)BROWN MICHAEL S.

2)BROWN MICHAEL K.

3)KIRKUP MICHAEL G.

4)ADAMS NEIL P.

5)LITTLE HERBERT A.

(57) Abstract :

A system and method for managing memory in a mobile device to prevent the swapping out of sensitive data to non-volatile storage from a volatile memory, to provide enhanced security for the sensitive data. In one broad aspect, there is provided a method of managing memory in a mobile device comprising the steps of identifying one or more data objects stored in a volatile memory on the mobile device to be swapped out to a non-volatile storage component, determining objects marked as containing sensitive data, and retaining so-marked objects in the volatile memory of the mobile device.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5701/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :29/09/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : "PROCESS FOR PRODUCING PHOSPHOLIPID CONTAINING LONG CHAIN POLYUNSATURATED FATTY ACID AS CONSTITUENT THEREOF AND UTILIZATION OF THE SAME"

(51) International classification	:C07F 9/10 (2006.01), C12P 13/00
(31) Priority Document No	:2004-056928
(32) Priority Date	:01/03/2004
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2005/003344
Filing Date	:28/02/2005
(87) International Publication No	:WO 2005/083101
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)SUNTORY LIMITED
Address of Applicant :1-40,DOJIMAHAMA 2-CHOME KITA-
KU,OSAKA-SHI,OSAKA 530-5203,JAPAN Japan
(72)**Name of Inventor :**
1)KAWASHIMA HIROSHI
2)SUMIDA MOTOO
3)SHIRAISHI AKIKO

(57) Abstract :

The present invention provides a method of efficiently and stably producing LCPUFA-PL. Specifically, the invention provides a method for producing phospholipids that contain LCPUFA as a constituent (LCPUFA-PL), wherein lipid producing cells producing lipids that contain long-chain polyunsaturated fatty acids (LCPUFA) are used as a starting material, the method including a PL extracting step of extracting phospholipids (PL) from defatted cells obtained by extracting triglyceride (TG)-containing oil or fat from the lipid producing cells.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5702/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :29/09/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : "LIQUID FUEL INJECTION WITH PURGE AIR"

(51) International classification	:F02C 7/232
(31) Priority Document No	:10/821,641
(32) Priority Date	:09/04/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2005/009784
Filing Date	:23/03/2005
(87) International Publication No	:WO 2005/103567
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)TRONOX LIC

Address of Applicant :123 ROBERT S. KERR AVENUE,
OKLAHOMA CITY OK 73102, UNITED STATES OF AMERICA
U.S.A.

(72)Name of Inventor :

1)FLYNN, HARRY EUGENE

2)MARTIN, ROBERT O

3)NATALIE CHARLES A

(57) Abstract :

Liquid fuel injectors are provided. The liquid fuel injectors (100) allow the injection of a fine spray of liquid fuel. The liquid fuel injectors (100) utilize a Schrader (108) valve movable between an open position and a closed position. When the Schrader valve (108) is in the closed position fuel flow is blocked and purge gas is allowed to flow through the fuel » injectors. When the Schrader valve (108) is in the open position, the flow of purge gas is blocked and fuel is allowed to flow through the fuel injector (100). In this manner, the fuel injectors provide for an immediate and automatic purge of the fuel lines when the fuel flow is shut off.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5703/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :29/09/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : "NOVEL METHOD FOR THE PREPARATION OF INTERMEDIATES USEFUL FOR THE SYNTHESIS OF VITAMIN D ANALOGUES"

(51) International classification :C07B3700
(31) Priority Document No :60/558,546
(32) Priority Date :02/04/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/DK2005/000203
Filing Date :23/03/2005
(87) International Publication No :WO 2005/095336
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)LEO PHARMA A/S
Address of Applicant :INDUSTRI PARKEN 55, DK-2750
BALLERUP, DENMARK. Denmark
(72)**Name of Inventor :**
1)HANSEN ERIK TORNGAARD
2)SABROE THOMAS PETER
3)CALVERLEY MARTIN JOHN
4)PEDERSEN HENRIK
5)DEUSSEN HEINZ-JOSEF WILHELM

(57) Abstract :

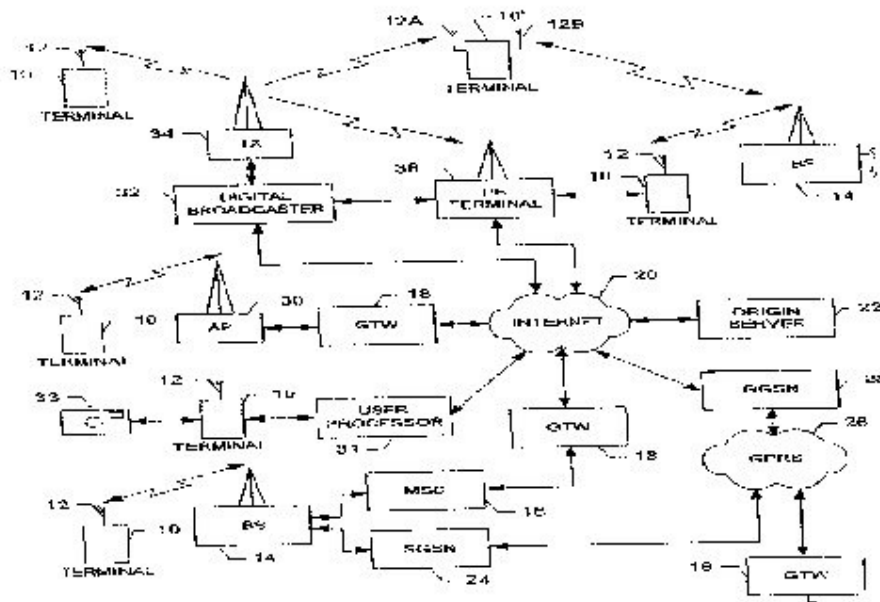
The present invention relates to novel methods for the preparation of intermediates which are useful in the synthesis of calcipotriol. The present invention relates further to the use of intermediates produced with said methods for making calcipotriol or calcipotriol monohydrate.

(54) Title of the invention : SYSTEM AND ASSOCIATED TERMINAL, METHOD AND COMPUTER PROGRAM PRODUCT FOR UPLOADING CONTENT

(51) International classification	:H04L 29/08	(71) Name of Applicant :	
(31) Priority Document No	:10/803,684	1)NOKIA CORPORATION	
(32) Priority Date	:18/03/2004	Address of Applicant :KEILALAHDENITE 4, FIN-02150 ESPOO	
(33) Name of priority country	:U.S.A.	FINLAND Finland	
(86) International Application No	:IB2005/000581	(72) Name of Inventor :	
Filing Date	:07/03/2005	1)AALTONEN JANNE LA	
	:WO	2)HANNIKAINENE ARI	
(87) International Publication No	2005/091597	3)MUHONEN AHTI	
(61) Patent of Addition to Application Number	:NA	4)VAINIO ANTTI-PENTTI	
Filing Date	:NA		
(62) Divisional to to Application Number	:NA		
Filing Date	:NA		

(57) Abstract :

A system for uploading content includes a sender capable of sending an upload request, where the upload request comprises a request to upload content from the sender to a recipient. The system also includes a network entity, such as the recipient, capable of operating an upload agent. The upload agent, in turn, is capable of receiving the upload request and thereafter determining an upload schedule relating to the time and/or manner of uploading the content. The sender can then be capable of uploading the content to the recipient in accordance with the upload schedule. The network entity can be further capable of recovering an upload session that has encountered an interruption.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.5956/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :12/10/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : DATA REPAIR ENHANCEMENTS FOR MULTICAST/BROADCAST DATA DISTRIBUTION

(51) International classification	:H04L 1/18
(31) Priority Document No	:10/813,343
(32) Priority Date	:29/03/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2004/032414
Filing Date	:01/10/2004
(87) International Publication No	:WO 2005/104421
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)NOKIA CORPORATION
Address of Applicant :KEILALAHDENTIE4,FIN-02150 ESPOO,
FINLAND Finland

(72)**Name of Inventor :**
1)LEON,DAVID
2)CURCIO,IGOR DANILO DIEGO
3)WALSH, ROD
4)MEHTA HARSH

(57) Abstract :

A method, system, device, and computer code product is disclosed in which a sender (10) transmits data to a plurality of receivers (20) via a point-to-multipoint session. The receiver sends data repair requests to the sender (10) requesting data expected but not received and the sender (10) retransmits the expected but not received data via the point-to-multipoint session. The sender (10) can also schedule point-to-point data repair sessions with individual receivers if the retransmission via the point-to-multipoint session does not correct all errors. The sender (10) can be configured to delay point-to-point repair sessions using a randomization mechanism based on the number of receivers using the point-to-multipoint session.

(54) Title of the invention : "IMPROVED ELECTROMINESCENT STABILITY"

(51) International classification :C09K 11/06
 (31) Priority Document No :10/765,295
 (32) Priority Date :26/01/2004
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2005/001720
 Filing Date :19/01/2005
 (87) International Publication No :WO 2005/073339
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :
1)UNIVERSAL DISPLAY CORPORATION
 Address of Applicant :375 PHILLIPS BOULEVARD, EWING,
 NEW JERSEY 08618, UNITED STATES OF AMERICA. U.S.A.
 (72)Name of Inventor :
1)DAVID B. KNOWLES
2)RAYMOND KWONG

(57) Abstract :

An organic light emitting device is provided. The device has an anode, a cathode, and an emissive layer disposed between the anode and the cathode. The emissive layer further comprises an emissive material having the structure: Wherein M is a metal having an atomic weight greater than 40; R³ is a substituent selected from the group consisting of alkyl, heteroalkyl, aryl, heteroaryl, and ar-alkyl, wherein R³ is optionally substituted by one or more substituents Z; R⁵ is a substituent selected from the group consisting of aryl and heteroaryl, wherein said aryl or heteroaryl is unsubstituted or optionally, substituted with one or more non-aromatic groups; ring A is an aromatic heterocyclic or a fused aromatic heterocyclic ring with at least one nitrogen atom that is coordinated to the metal M, wherein the ring A can be optionally substituted with one or more substituents Z; R³ is a substituent selected from the group consisting of H, alkyl, alkenyl, alkynyl, alkylaryl, CN, CF₃, CnF_{2n+i}, trifluorovinyl, CO₂R, C(O)R, NR₂, OR, halo, aryl, heteroaryl, substituted aryl, substituted heteroaryl or heterocyclic group; R⁴ is a substituent selected from the group consisting of H, alkyl, alkenyl, alkynyl, alkylaryl, CN, CF₃, CnF_{2n+i}, trifluorovinyl, CO₂R, C(O)R, NR₂, NO₂, OR, halo, aryl, heteroaryl, substituted aryl, substituted heteroaryl or a heterocyclic group; additionally or alternatively, R³ and R⁴, together form independently a fused 4 to 7 member cyclic group, wherein said cyclic group is cycloalkyl, cycloheteroalkyl, aryl, or heteroaryl; and wherein said cyclic group is optionally substituted by one or more substituents Z; R⁵ is a substituent selected from the group consisting of H, alkyl, alkenyl, alkynyl, alkylaryl, CN, CF₃, CnF_{2n+i}, trifluorovinyl, CO₂R, C(O)R, NR₂, NO₂, OR, halo, aryl, heteroaryl, substituted aryl, substituted heteroaryl or a heterocyclic group; alternatively, R³ and R⁶ may be bridged by a group selected from -CR₂CR₂-, CR-CR-, CR₂-O-, NR-CR₂, and -N=CR-; each R is independently H, alkyl, alkenyl, alkynyl, heteroalkyl, aryl, heteroaryl, or aralkyl; wherein R is optionally substituted by one or more substituents Z; each Z is independently a halogen, R', O-R', N(R)', SR', C(O)R', C(O)R', C(O)N(R')₂, CN, NO₂, SO₂, SO₂R', SO₃R'; Each R' is independently H, alkyl, perhaloalkyl, alkenyl, alkynyl, heteroalkyl, aryl, or heteroaryl; (X-Y) is an ancillary ligand; m is a value from 1 to the maximum number of ligands that may be attached to the metal; and m+n is the maximum number of ligands that may be attached to the metal. The emissive material itself is also provided. The emissive material may have improved efficiency and stability when incorporated into a light emitting device. Additionally, the devices of the present invention are expected to exhibit improved quantum efficiency.

(54) Title of the invention : "APPLICATION OF ZIPPERS TO A MOVING FILM MATERIAL"

(51) International classification	:B31B 19/90
(31) Priority Document No	:0401500.4
(32) Priority Date	:23/01/2004
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/GB2005/000216
Filing Date	:21/01/2005
(87) International Publication No	:WO 2005/070661
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)SUPEREME PLASTICS HOLDINGS LIMITEDAddress of Applicant :300 REGENTS PARK ROAD, FINCHLEY,
LONDON N3 2TL, UNITED KINGDOM. U.K.

(72)Name of Inventor :

1)MURRAY EDWARD BRUCE LEIGHTON

(57) Abstract :

An apparatus for application of zippers to film material 10 comprises an applicator bar 22 for presenting pre-cut lengths of zipper 26 to the film and a heated sealing bar 34 for sealing the pre-cut lengths to the film. The applicator bar, the sealing bar, feed rollers 30a, 30b and a zipper cutter 32 are mounted for movement with the film on a linear motor 14. A pneumatic cylinder 18 raised the application bar towards the film 10. The applicator bar moves in direction C to apply the zipper to the film 10 moving in direction A, then moves with the sealing bar and the film in direction B, away from the film in direction C', back to its starting position in direction B', then towards the film again in direction C. A further length of zipper may be fed to the applicator bar at any time after the bar has moved away from the film in direction C1 and therefore during an end portion of the forward stroke of the motor, or during its return stroke.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5707/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :29/09/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : "COMPRESSED PHARMACEUTICAL COMPOSITIONS COMPRISING PEG AND ELECTROLYTES"

(51) International classification	:A61K 31/765	(71)Name of Applicant :
(31) Priority Document No	:0409104.7	1)NORGINE EUROPE BV
(32) Priority Date	:23/04/2004	Address of Applicant :HOGEHILWEG 7,NL-1101 CA
(33) Name of priority country	:U.K.	AMSTERDAM ZO,NETHERLANDS Netherlands
(86) International Application No	:PCT/GB2005/001555	(72)Name of Inventor :
Filing Date	:23/04/2004	1)BARRAS ,NORMAN
(87) International Publication No	:WO 2005/102364	2)COX, IAN
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention provides a compressed pharmaceutical composition comprising polyethylene glycol of molecular weight from 2000 to 4500, wherein the polyethylene glycol makes up from 80 to 99.5% by weight of the composition, one or more electrolytes for the treatment of constipation, faecal impaction, faecal retention, intestinal gas and cramping, or flatulence; or for orthostatic lavage, colon evacuation or colon cleansing. It has been found, surprisingly, that a compressed pharmaceutical composition comprising PEG for example a solid tablet, is significantly more palatable than previously proposed compositions and is effective when administered. The compressed pharmaceutical composition of the invention comprising polyethylene glycol has been found to have a more agreeable taste and a more agreeable mouthfeel than previously proposed liquid or dry powder or granular compositions.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5708/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :29/09/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : "POLYARYLENE ETHR COMPRESSION MOLDING"

(51) International classification	:C08L 71/00 (
(31) Priority Document No	:10/826,887
(32) Priority Date	:16/04/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2005/011754
Filing Date	:07/04/2005
(87) International Publication No	:WO 2005/105921
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)GENERAL ELECTRIC COMPANY
Address of Applicant :1 RIVER ROAD, SCHENECTADY, NY
12345 USA. U.S.A.
(72)**Name of Inventor :**
1)GUO HAU
2)CHAKRABORTY MANATESH
3)POWALE LAKSHMIKANT S.

(57) Abstract :

A method for compression molding of poly arylene ether powder comprises introducing a powder comprising un-" healed poly arylene ether powder to compaction equipment comprising a compression mold and subjecting the powder in the com-ijson mold to a pressure sufficient to produce an article having a density greater than the unheated poly arylene ether powder the pressure is applied at a temperature less than the glass transition temperature of the poly arylene ether powder.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5709/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :29/09/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : "A CARTRIDGE UNIT FOR A MULTI-COMPARTMENT CONTAINER ASSEMBLY"

(51) International classification	:B65D 25/08
(31) Priority Document No	:060784
(32) Priority Date	:08/03/2004
(33) Name of priority country	:Israel
(86) International Application No	:PCT/IL2005/000265
Filing Date	:07/03/2005
(87) International Publication No	:WO 2005/084135
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :
1)M.L.I.S. PROJECTS LIMITED
Address of Applicant :MOSHAV BEIT LTZHAK, 42920 SHAAR
CHEFER, ISRAEL. Israel
(72)Name of Inventor :
1)SHARON IGAL
2)MAGGENI YOHANAN

(57) Abstract :

A cartridge container unit having a first compartment adapted for separately storing one component of a formulation until ready for mixing with a second component in an assembly unit prior to use. Thus, the cartridge unit allows the user to store a material until ready for use, or to store multiple components of a formulation in separate individually scaled containers until ready for use that can be readily assembled into a single multi-compartment container. The cartridge unit includes a substantially cylindrical housing having a scalable opening at its top end and an opening at its bottom end. The bottom end may be adapted and configured to engage and seal the assembly unit. A first inwardly extending annular shoulder is provided between the scalable opening and the bottom opening, defining a flow passage along a longitudinal axis of the housing.

(54) Title of the invention : "METHODS OF MAKING AN ANTISTATIC AGENT."

(51) International classification	:C07F9/54; C07C39/02; C07C303/32 (+5)	(71)Name of Applicant : 1)GENERAL ELECTRIC Address of Applicant :1 RIVER ROAD, SCHENECTADY,NY 12345 USA U.S.A.
(31) Priority Document No	:10/966,774	(72)Name of Inventor :
(32) Priority Date	:15/09/2004	1)HOEKS THEODORUS LAMBERTUS
(33) Name of priority country	:U.S.A.	2)LEENDERS CHIEL ALBERTUS
(86) International Application No	:PCT/US2005/011756	3)VAN DE GRAMPEL ROBERT DIRK
Filing Date	:07/04/2005	4)VAN DE GRAMPEL ROBERT DIRK
(87) International Publication No	:WO 2005/100307	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method for making the phosphonium sul-fonate salt of generic formula (1): wherein each X is independently a halogen or hydrogen, provided that the molar ratio of halogen to hydrogen is greater than about 0.90; p is 0 or 1 and q and r are integers of 0 to about 7 provided that q+r is less than 8 and that if p is not zero then r is greater than zero; and each R is the same or different hydrocarbon radical containing 1 to about 18 carbon atoms, the method comprising combining in an aqueous medium a compound of generic formula (2): wherein M is Li or Na, and X, q, p, and r are as defined above, with a stoichiometric excess of a compound of the generic formula (3): wherein Z is a halogen and R is as defined above; and separating the product of formula (1) from the medium.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5089/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :04/09/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : "AMPHIPATHIC GLYCOPEPTIDES."

(51) International classification	:A61K 38/00
(31) Priority Document No	:60/557,740
(32) Priority Date	:29/03/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2005/010233
Filing Date	:25/03/2005
(87) International Publication No	:WO 2005/097158
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

1)THE ARIZONA BOARD OF REGENTS ON BEHALF OF THE UNIVERSITY OF ARIZONA

Address of Applicant :ROOM 204, 888 NORTH EUCLID AVENUE, TUCSON, AZ 85721-0158, UNITED STATES OF AMERICA U.S.A.

(72)**Name of Inventor :**

1)ROBIN POLT

2)EDWARD BILSKY

(57) Abstract :

Glycopeptides which are amphipathic and capable of crossing the blood-brain-barrier are provided. The glycopeptides are useful for treating a variety of neurological and behavioral disorders.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5090/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :04/09/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : "SKIN CARE COMPOSITIONS"

(51) International classification	:A61K 7/48
(31) Priority Document No	:10/827,691
(32) Priority Date	:19/04/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US05/011837
Filing Date	:07/04/2005
(87) International Publication No	:WO 2005/105031
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)EASTMAN CHEMICAL COMPANY.
Address of Applicant :100 NORTH EASTMAN ROAD,
KINGSPORT, TENNESSEE 37660, U.S.A. U.S.A.

(72)**Name of Inventor :**
1)ROBIN LYNN MINGA
2)SUZANNE WINEGAR DOBBS
3)TERRY ANN OLDFIELD

(57) Abstract :

Disclosed are skin care compositions comprising an admixture of sucrose acetate isobutyrate and certain diol and glycerol carboxylate esters. The liquid skin care compositions are useful as cosmetic, protective and therapeutic dermatological compositions and comprise an admixture of sucrose acetate isobutyrate and one or more carboxylic acid esters of a polyol selected from propylene glycol and glycerol wherein the carboxylate ester residues contains from 2 to 10 carbon atoms. The skin care compositions exhibit smoothness and water resistance when applied to the skin such as the human body including eyelids and lips.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5092/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :04/09/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : "STRESS-BASED ELECTROSTATIC MONITORING OF CHEMICAL REACTIONS"

(51) International classification	:G01N 33/543
(31) Priority Document No	:10/791,108
(32) Priority Date	:02/03/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2005/006680
Filing Date	:02/03/2005
(87) International Publication No	:WO 2005/085856
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)THE CHARLES STARK DRAPER LABORATORY, INC.
Address of Applicant :555 TECHNOLOGY SQUARE,
CAMBRIDGE, MA 02139, USA U.S.A.

(72)**Name of Inventor :**
1)MARC S. WEINBERG
2)JEFFREY BORENSTEIN
3)CHRISTOPHER E. DUBE
4)RALPH HOPKINS
5)EDWIN CARLEN

(57) Abstract :

Electrostatic capacitance measurements are used to detect chemical or biological analytes, or chemical interactions, with great sensitivity. A diaphragm is coated with a material capable of selectively interacting with an analyte of interest, and interaction of the analyte with the coating exerts stresses tangential to the diaphragm's surface. These stresses cause diaphragm displacements that are sensed as varying capacitance.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5093/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :04/09/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : "HYPOTENSIVE LIPID-CONTAINING BIODEGRADABLE INTRAOCULAR IMPLANTS AND RELATED METHODS"

(51) International classification	:A61K 31/16
(31) Priority Document No	:10/837260
(32) Priority Date	:30/04/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2002/38040
Filing Date	:27/11/2002
(87) International Publication No	:WO 2003/047513
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)ALLERGAN, INC.
Address of Applicant :2525 DUPONT DRIVE, T2-7H, IRVINE, CA
92612, UNITED STATES OF AMERICA U.S.A.
(72)**Name of Inventor :**
1)PATRICK M. HUGHES

(57) Abstract :

Biocompatible intraocular implants include a prostamide component and a biodegradable polymer that is effective in facilitating release of the prostamide component into an eye for an extended period of time. The prostamide component may be associated with a biodegradable polymer matrix, such as a matrix of a two biodegradable polymers. The implants may be placed in an eye to treat or reduce a at [east one symptom of an ocular condition, such as glaucoma.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5100/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :04/09/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : "CARRIER SYSTEM IN THE FORM OF PROTEIN-BASED NANOPARTICLES FOR THE CELL-SPECIFIC ENRICHMENT OF PHARMACEUTICALLY ACTIVE SUBSTANCES"

(51) International classification	:A61K 39/395	(71) Name of Applicant :
(31) Priority Document No	:10 2004 011 776.4	1)LTS LOHMANN THERAPIE-SYSTEME AG
(32) Priority Date	:09/03/2004	Address of Applicant :LOHMANNSTRASSE 2, 56626
(33) Name of priority country	:Germany	ANDERNACH, GERMANY Germany
(86) International Application No	:PCT/EP2005/002185	(72) Name of Inventor :
Filing Date	:02/03/2005	1)BALTHASAR SABINE
(87) International Publication No	:WO 2005/089797	2)VON BRIESEN HAGEN
(61) Patent of Addition to Application Number	:NA	3)DINAUER NORBERT
Filing Date	:NA	4)KREUTER JORG
(62) Divisional to to Application Number	:NA	5)WARTLICK HEIDRUN
Filing Date	:NA	6)LANGER, KLAUS

(57) Abstract :

A carrier system in the form of protein-based nanoparticles for the cell-specific, intracellular enrichment of at least one pharmacologically active substance, which has structures that are coupled by means of reactive groups, said structures enabling a cell-specific attachment and cellular absorption of the nanoparticles; and a method for producing said system.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5102/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :04/09/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : "ESTROGEN RECEPTORS AND METHODS OF USE"

(51) International classification	:C07K 16/28
(31) Priority Document No	:60/552,067
(32) Priority Date	:10/03/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2005/007857
Filing Date	:10/03/2005
(87) International Publication No	:WO 2005/087811
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)CREIGHTON UNIVERSITY
Address of Applicant :2500 CALIFORNIA PLAZA, OMAHA,
NEBRASKA 68178, U.S.A. U.S.A.
(72)**Name of Inventor :**
1)WANG, ZHAO YI

(57) Abstract :

The present invention provides isolated polypeptides having an amino acid sequence having at least 70% identity to SEQ ID NO:20, wherein the polypeptide has ER- α 36 activity. The invention further provides methods for identifying agents that bind to such polypeptides, methods for detecting such polypeptides, and methods for altering the activity of such polypeptides. Also provided are antibodies that specifically bind to an amino acid sequence depicted at SEQ ID NO: 1, or an immunogenic fragment thereof, and methods for making and using such antibodies.

(54) Title of the invention : "A METHOD AND APPARATUS FOR ORINETING SPHERICAL CELLS"

(51) International classification	:C12N 5/06
(31) Priority Document No	:530972
(32) Priority Date	:05/02/2004
(33) Name of priority country	:New Zealand
(86) International Application No	:PPCT/NZ2005/000002
Filing Date	:19/01/2005
(87) International Publication No	:WO 2005/075629
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)SELECT XY LIMITEDAddress of Applicant :WAIKATO INNOVATION PARK,
RAUKURA ROAD, HAMILTON, 2001, NEW ZEALAND New
Zealand

(72)Name of Inventor :

1)FRONTIN-ROLLET, ANDREW

(57) Abstract :

The invention relates to a method that uses the orientation of a sperm cell to determine cell differences due to size, mass, or density. Cell differences such as differences in DNA mass are used to distinguish X chromosome-bearing sperm cells from Y chromosome-bearing sperm cells and therefore have use in in-vitro and in-vivo fertilisation procedures. The orientation of individual sperm cells is determined by measuring non-fluorescent light. The method uses one detector to measure the magnitude of fluorescence (for DNA (sex) measurement from the flat surface of the spermatozoon), and a second detector to measure the magnitude of refracted non-fluorescent light derived from a separate light source. The separate light source is derived from part of a phase contrast or Dark field optical system to provide orientation data. Importantly, all excitation and fluorescent light is excluded from the second detection system by band-pass optical filters thereby providing for a cleaner signal from the concave edge (no fluorescence signal from the flat surfaces of the spermatozoon). It is reported that the orientation of a sperm cell when determined by passing light using optical phase contrast or Dark field optics through a sperm cell of interest provides for improved efficiencies, improved processing speeds and increased reliability in the results obtained. A further aspect of the invention describes an immobilising or ablative laser for immobilising or destroying unwanted sperm.

(54) Title of the invention : "PHOSPHORYLCHOLINE CONJUGATES AND CORRESPONDING ANTIBODIES"

(51) International classification	:A61K 47/48 , C07K 16/44	(71) Name of Applicant : 1)ATHERA BIOTECHNOLOGIES AB
(31) Priority Document No	:60/521,384	Address of Applicant :FOGDEVRETN 2B, S-171 77
(32) Priority Date	:15/04/2004	STOCKHOLM, SWEDEN Sweden
(33) Name of priority country	:U.S.A.	(72) Name of Inventor :
(86) International Application No	:PCT/GB2005/001463	1)ULF DE FAIRE
Filing Date	:15/04/2005	2)JOHAN FROSTEGARD
(87) International Publication No	:WO 2005/100405	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

IgG and IgM autoantibody levels against phosphorylcholine in subjects with hypertension (diastolic pressure>95 mmHg) were determined at baseline in order to determine the importance of antibodies for the development of atherosclerosis. The results show that increases in intima-media thickness (IMT) at a follow-up four years after baseline were significantly less prevalent in subjects having high autoantibodies, particularly high IgM autoantibodies, to phosphorylcholine. The presence or absence of autoantibodies, particularly IgM autoantibodies, against phosphorylcholine is thus related to an increased or decreased risk of developing ischemic cardiovascular diseases. A method to determining antibodies, particularly IgM antibodies, toward phosphorylcholine is proposed in this invention to identify subjects at risk of developing ischemic cardiovascular diseases. Animal experiments show that medium to high levels of antibodies, particularly IgM antibodies, can be detected in plasma after active immunization with a keyhole limpet hemocyanin (KLH)-phosphorylcholine conjugate. A pharmaceutical composition comprising a phosphorylcholine conjugate (active immunization) or an antibody preparation, for example a monoclonal antibody, with specificity to a phosphorylcholine conjugate (passive immunization) is proposed and the use of these compositions as active or passive immunogens in the treatment or prevention of atherosclerosis.

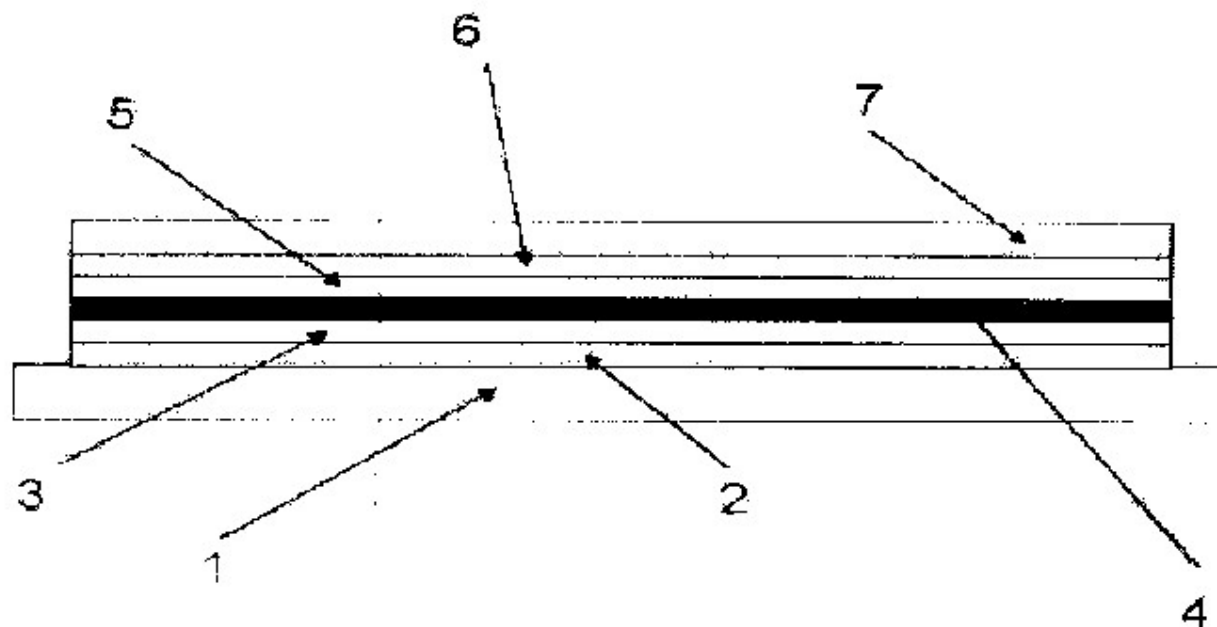
(54) Title of the invention : "ORGANIC LIGHT-EMITTING DIODE COMPRISING A DOPED ORGANIC LAYER"

(51) International classification :H01L 51/20
 (31) Priority Document No :0451091
 (32) Priority Date :02/06/2004
 (33) Name of priority country :France
 (86) International Application No :PCT/EP05/052485
 Filing Date :31/05/2005
 (87) International Publication No :WO 2005/119807
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :
1)THOMSON LICENSING
 Address of Applicant :46 QUAI ALPHONSE LE GALLO, F-92100
 BOULOGNE-BILLANCOURT, FRANCE France
 (72)Name of Inventor :
1)GUNTHER HAAS
2)SALVATORE CINA

(57) Abstract :

OLED diode comprising, on a substrate (1), generally a lower electrode (2), then a conducting organic layer (3) called a planarizing layer, then a doped organic layer (4) surmounted by an organic electroluminescent layer (5), which is itself surmounted by at least one upper electrode (7) which is substantially transparent to the light produced in the electroluminescent layer (5). Preferably, the lower electrode and the organic planarizing layer serve as cathode. Thanks to the doped layer (4), it is possible to use a material nevertheless reputed to be a hole conductor for the planarizing layer.

**Fig. 1**

(51) International classification :G21C9/016
 (31) Priority Document No :2001128174
 (32) Priority Date :12/10/2001
 (33) Name of priority country :Russia
 (86) International Application No :PCT/RU02/00146
 Filing Date :02/04/2002
 (87) International Publication No : NA
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :
1)ZAKRYTOYE AKTZIONERNOYE OBSHESTVO
"KOMPLEKT-ATOM-IZHORA"
 Address of Applicant :D 1, pr. Lenina, Kolpino-1, St. Petersburg,
 Russia, 196651 Kolpino-1 St.Petersburg, Russia, 196651 Russia
2)OTKRYTOYE AKTZIONERNOYE OBSHESTVO
"BOROVICHSKY KOMBINAT OGNEYPOROV"
3)GUSAROV Viktor Vladimirovich
4)KHABENSKY Vladimir Bentzianovich
5)GRANOVSKY Vladimir Semyonovich
6)ALMYASHEV VYACHESLAV ISKHAKOVICH
7)KRUSHINOV EVGENY VLADIMIROVICH
8)VITOL SERGEY ALEXANDROVICH
9)SERGEEV EVGENY DMITRIYEVICH
10)PETROV VADIM VASILYEVICH
11)TIKHOMIROV VLADIMIR ANATOLYEVICH
12)null
13)MIGAL Viktor Pavlovich
14)MOZHERIN Vladimir Anatolyevich
15)SAKULIN Vyacheslav Yakovlevich
16)NOVIKOV Alexader Nikolayevich
17)SALAGINA Galina Nikolayevna
18)SHTERN Evgeny Arkadyevich
19)BESHTA, Sevostyan Victorrovich
 (72)Name of Inventor :
1)GUSAROV Viktor Vladimirovich
2)KHABENSKY Vladimir Bentzianovich
3)GRANOVSKY Vladimir Semyonovich
4)ALMYASHEV Vyacheslav Iskhakovich
5)KRUSHINOV Evgeny Vladimirovich
6)VITOL Sergey Alexandrovich
7)SERGEEV Evgeny Dmitriyevich
8)PETROV Vadim Vasilyevich
9)TIKHOMIROV Vladimir Anatolyevich
10)MIGAL Viktor Pavlovich
11)MOZHERIN Vladimir Anatolyevich
12)SAKULIN Vyacheslav Yakovlevich
13)NOVIKOV Alexandr Nikolayevich
14)SALAGINA Galina Nikolayevna
15)SHTERN EVGENY ARKADYEVICH
16)BESHTA, Sevostyan Victorrovich

(57) Abstract :

Oxide material of a nuclear reactor molten corium trap is proposed, the material comprising a cooling and oxidizing agent to cool the molten corium and oxidize its most active components and additionally including a target additive consisting of at least one oxide selected from the group including SrO, CeO₂, BaO, Y₂O₃ and La₂O₃, preferably in an amount of up to 15% by weight, more preferably from 2 to 15% by weight, still more preferably from 3 to 15% by weight. The cooling and oxidizing agent preferably includes Fe₂O₃ and/or Fe₃O₄ and Al₂O₃, the Fe₂O₃ and/or Fe₃O₄ content being from 46 to 80% by weight and the Al₂O₃ content being from 16 to 50% by weight. The material can additionally contain SiO₂ in an amount of 4% by weight, preferably from 1 to 4% by weight.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6669/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :10/11/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : "MANAGEMENT OF BREAKTHROUGH BLEEDING IN EXTENDED HORMONAL. CONTRACEPTIVE REGIMENS"

(51) International classification	:G10D 3/14, G10G 7/02	(71) Name of Applicant : 1)SCHERING AKTIENGESELLSCHAFT
(31) Priority Document No	:60/566,443	Address of Applicant :MULLERSTRASSE 178,13353
(32) Priority Date	:30/04/2004	BERLIN,GERMANY Germany
(33) Name of priority country	:U.S.A.	(72) Name of Inventor :
(86) International Application No	:PCT/EP05/00477	1)ANDREAS SACHSE
Filing Date	:29/04/2005	
(87) International Publication No	:WO 2005/105103	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a flexible extended use regimen for a hormonal contraceptive useful to manage bleeding problems associated with fixed extended use of hormonal contraceptives and to a pharmaceutical package containing the respective hormonal contraceptive.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6670/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :10/11/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : "METHOD AND DEVICES RELATED TO A REGULATED FLOW ELECTROPORATION CHAMBER"

(51) International classification	:C12Q 1/68	(71) Name of Applicant :
(31) Priority Document No	:60/570,317	1)MAXCYTE,INC
(32) Priority Date	:12/05/2004	Address of Applicant :22 FIRSTFIELD ROAD SUITE 250
(33) Name of priority country	:U.S.A.	GAITHERSBURG,MD 28078,USA U.S.A.
(86) International Application No	:PCT/US05/016728	(72) Name of Inventor :
Filing Date	:12/05/2005	1)SERGEY DZEKUNOV
(87) International Publication No	:WO 2005/113820	2)NICHOLAS CHOPAS
(61) Patent of Addition to Application Number	:NA	3)LINHONG LI
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The electroporation chamber and its related devices combine the features of an electroporation chamber that acts as a manifold for regulation of sample flow with those of a flow electroporation device to form a regulated flow electroporation device. The invention further comprises a novel regulated flow electroporation chamber that enables conditions in which a sample is uniformly processed in individual fractions or volumes in a fully closed (sterile) system.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6673/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :10/11/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : "LATERAL SUPPORT FOR AN OPERATING TABLE"

(51) International classification	:A61G 13/12
(31) Priority Document No	:2004902553
(32) Priority Date	:12/05/2004
(33) Name of priority country	:Australia
(86) International Application No	:PCT/AU2005/000732
Filing Date	:12/05/2005
(87) International Publication No	:WO 2005/107676
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)SURGIPOD PTY, LTD
Address of Applicant :53 MALVERN STREET, BAYSWATER,
VICTORIA, 3153, AUSTRALIA Australia
(72)**Name of Inventor :**
1)COPELAND, JOHN ROBERT
2)HUGHES, NOEL ROBERT

(57) Abstract :

A patient positioning support for an operating theatre table (2) has a saddle (18) for clamping to the rail (8) which runs alongside the edge of the table and a pair of articulating arms (26, 32) attached to the saddle for holding a pad in contact with a patients body or limb. The devices are mounted in pairs and are lockable in positions which overlie the table or lie outboard of the table or below the table when not required. The locking action is by friction but radial arrays of teeth (66, 68), which are locked by hand screws (62), give the preferred locking action. Other items of equipment such as arm boards, neural head supports and stirrups can be substituted for the pad.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6674/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :10/11/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : "COMPOSITIONS AND METHODS FOR ENHANCED MUCOSAL DELIVERY OF PARATHYROID HORMONE"

(51) International classification	:A61K 38/29 , A61K 47/00	(71) Name of Applicant : 1)NASTECH PHARMACEUTICAL COMPANY INC. Address of Applicant :3450 MONTE VILLA PARKWAY, BOTHELL, WA 98021-8906, UNITED STATES OF AMERICA. U.S.A.
(31) Priority Document No	:60/570,113	(72) Name of Inventor :
(32) Priority Date	:10/05/2004	1)QUAY STEVEN C.
(33) Name of priority country	:U.S.A.	2)COSTANTINO HENRY R.
(86) International Application No	:PCT/US2005/016530	3)KLEPPE MARY S.
Filing Date	:10/05/2005	4)LI, CHING-YUAN
(87) International Publication No	:WO 2005/115441	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Pharmaceutical compositions and methods are described comprising at least a parathyroid hormone peptide (PTH) preferably PTH 1-34 and one or more mucosal delivery-enhancing agents for enhanced nasal mucosal delivery of PTH, for treating or preventing osteoporosis or osteopenia in a mammalian subject, preferably a human.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6675/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :10/11/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : "WASTEWATER TREATMENT"

(51) International classification	:E02B 15/04
(31) Priority Document No	:60/564,921
(32) Priority Date	:23/04/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2005/014066
Filing Date	:25/04/2005
(87) International Publication No	:WO 2005/102943
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)WATER STANDARD COMPANY
Address of Applicant :2680 NORTHWEST 41ST STREET, BOCA RATON, FL 33434, USA U.S.A.
(72)**Name of Inventor :**
1)GORDON ANDREW W

(57) Abstract :

Offshore facilities, systems, and methods for treating wastewater have been developed. An offshore wastewater treatment facility include wastewater treatment components (for preliminary treatment, primary treatment, secondary treatment, and/or advanced treatment); a means for moving wastewater from a land-based site to the facility; a means for removing treated wastewater from the facility; and a means for removing sludge from the facility. A method of treating wastewater includes: transporting wastewater from a site on land to a wastewater treatment facility located offshore in a body of water, and subjecting the wastewater to preliminary treatment, primary treatment, secondary treatment, and/or advanced treatment.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5122/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :05/09/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : "IRRIGATION PIPE"

(51) International classification	:A01G 25/02
(31) Priority Document No	:60/548,957
(32) Priority Date	:02/03/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/IL2005/000244
Filing Date	:02/03/2005
(87) International Publication No	:WO 2005/084418
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)NETAFIM LTD.

Address of Applicant :161 ARLOZOROV STREET, 64922 AVIV,
ISRAEL. Israel

(72)Name of Inventor :

1)MASARWA, ABED

2)SCHWEITZER AVI

(57) Abstract :

An irrigation pipe with a plurality of connector elements adapted for attachment of lateral branches thereto, where the connector elements are integrally fitted to the pipe's wall during the manufacture. Connector elements may be fitted open and be adapted for closing after manufacture if not intended for use, or may be fitted closed and be adapted for opening after manufacture to enable the attachment. A method of production of such irrigation pipe from a strip of flexible weldable or bondable material includes fitting integrally the connector elements to predetermined locations on the strip, with or without punching the strip; bending or twisting the strip so as to juxtapose or overlap lateral edges thereof; and welding or bonding integrally the edges so as to obtain a closed pipe section.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5123/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :05/09/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : "PYRROLE DERIVATIVES AS GONADOTROPIN RELEASING HORMONE (GNRH) ANTAGONISTS."

(51) International classification	:A61K 31/5377
(31) Priority Document No	:04290467.2
(32) Priority Date	:20/02/2004
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/GB2005/000560
Filing Date	:17/02/2005
(87) International Publication No	:WO 2005/079805
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)ASTRAZENECA AB
Address of Applicant :S-151 SODERTALJE, SWEDEN. Sweden
(72)**Name of Inventor :**
1)HARRIS CRAIG STEVEN

(57) Abstract :

The invention relates to a group of novel thieno-pyrrole compounds of formula (I) wherein: R1, R2, R3, R4 M, and R5 are as defined in the specification, as inter alia, gonadotrophin releasing hormone antagonists. Novel compounds of formula (1) are also claimed. The invention also relates to pharmaceutical formulations of said compounds, methods of treatment using said compounds and to processes for the preparation of said compounds.

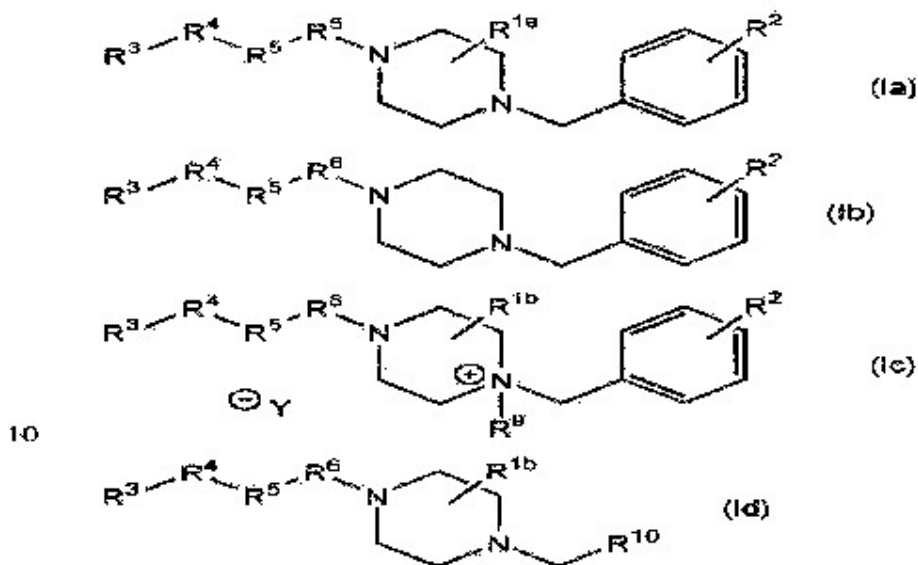
(54) Title of the invention : "CHEMOKINE INHIBITING PIPERAZINE DERIVATIVES AND THEIR USE TO TREAT MULTIPLE MYELOMA "

(51) International classification :A61K 31/495
 (31) Priority Document No :60/542,809
 (32) Priority Date :06/02/2004
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2005/003580
 Filing Date :04/02/2005
 (87) International Publication No :WO 2005/077372
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :
1)SCHERING AKTIENGESELLSCHAFT.
 Address of Applicant :MUELLERSTRASSE 178, 13353 BERLIN, GERMANY. Germany
2)THE UNIVERSITY OF PITTSBURGH OF THE COMMONWEALTH OF HIGHER EDUCATION
 (72)Name of Inventor :
1)SUN JIN CHOI
2)RICHARD HORUK
3)G. DAVID ROODMAN

(57) Abstract :

The present invention relates to piperazine derivatives of formulae Ia, Ib, Ic and Id and their use to treat multiple myeloma.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.5128/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :05/09/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : METHODS FOR THE TREATMENT OF TINNITUS INDUCED BY COCHLEAR EXCITOTOXICITY.

(51) International classification	:A61K 31/00
(31) Priority Document No	:10/812,298
(32) Priority Date	:29/03/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT//EP2005/003254
Filing Date	:29/03/2005
(87) International Publication No	:WO 2005/094799
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)AURIS MEDICAL AG
Address of Applicant :C/o ANTE TREUHAND AG
HAUPTSTRASSE 16 3186 DUDINGEN SWITZERLAND. Switzerland
**2)INSTITUT NATIONAL DE LA SANTE ET DE LA
RECHERCHE (INSERM)**
(72)**Name of Inventor :**
1)GUITTON, MATTHIEU
2)PUEL JEAN-LUC
3)PUJOL REMY

(57) Abstract :

The invention relates to methods for the prevention and/or treatment of tinnitus induced by cochlear excitotoxicity. In these methods, a pharmaceutical composition comprising an NMDA receptor antagonist is administered to an individual in need of such treatment by appropriate devices and/or formulations for local administration to the inner ear. The tinnitus to be prevented and/or treated may be provoked by acoustic trauma, presbycusis, ischemia, anoxia, treatment with one or more autotoxin medications, sudden deafness, or other cochlear exci-totoxic-inducing occurrence.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5129/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :05/09/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : EVENT NOTIFICATION NETWORK

(51) International classification	:H04L 29/06
(31) Priority Document No	:0409582.4
(32) Priority Date	:29/04/2004
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/GB2005/001590
Filing Date	:26/04/2005
(87) International Publication No	:WO 2005/107207
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)BRITISH TELECOMMUNICATIONS PUBLIC LIMITED COMPANY
Address of Applicant :81 NEWGATE STREET, LONDON, GREATER LONDON EC 1A 7AJ, UNITED KINGDOM. U.K.
(72)**Name of Inventor :**
1)NEKOVEE, MAZIAR
2)BURBRIDGE TREVOR
3)SOPPERA ANDREA

(57) Abstract :

Data collected by sensors (10, 30) is transmitted to data collection points (31, 61) over a network using an epidemic protocol in which data received by a relay (3) is forwarded to a randomly-selected group of further relays (4, 5, 6) unless the same data has been previously received by the relay (3) or the data is time-expired. Data received by a relay (3) from different sources (1, 2, 30) in the same time-frame is aggregated using a Bloom filter process so that in each time frame only a single Bloom filter message is transmitted by each relay.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6769/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :14/11/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : "OPTICAL SENSOR FOR IN VIVO DETECTION OF ANALYTE"

(51) International classification	:A61B 5/00, A61K 49/00
(31) Priority Document No	:0411162.1
(32) Priority Date	:19/05/2004
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/EP2005/005328
Filing Date	:17/05/2005
(87) International Publication No	:WO 2005/110207
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)PRECISENSE A/S A CORPORATION ORGANIZED
Address of Applicant :NEERGAARDS VEJ 3, DK - 2970
HORSHOLM DENMARK. Denmark
(72)**Name of Inventor :**
1)YU YIHUA
2)KRISTENSEN JESPER SVENNING

(57) Abstract :

A sensor for the in vivo detection of glucose comprises: components of an assay for glucose, a readout of which is a detectable optical signal which can be interrogated transcutaneously by external optical means when the sensor is implanted in vivo; and a shell of biodegradable material encapsulating the assay components whilst allowing analyte to contact the assay components, wherein the biodegradable material comprises a co-polymer having hydrophobic and hydrophilic units. A method of detecting glucose using such a sensor suitably comprises implantation of the sensor into the skin of a mammal, transdermal detection or measurement of glucose using external optical means and degradation of the biodegradable material.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5711/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :29/09/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : "A PROCESS FOR THE REMOVAL OF SULFUR-OXIDATED COMPOUNDS FROM A HYDROCARBONACEOUS STREAM"

(51) International classification	:C10G 45/04
(31) Priority Document No	:10/813,250
(32) Priority Date	:30/03/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2005/010394
Filing Date	:25/03/2005
(87) International Publication No	:WO 2005/097951
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)UOP LLC
Address of Applicant :25 EAST ALGONQIN ROAD, P.O. BOX
5017, DES PLAINES, ILLNOIS 60017-5017, U.S.A. U.S.A.
(72)**Name of Inventor :**
1)SCHULTZ MICHAEL ANTHONY
2)BRADY JOHN PATRICK

(57) Abstract :

A PROCESS FOR THE REMOVAL OF SULFUR-OXIDATED COMPOUNDS FROM A HYDROCARBONACEOUS STREAM A process for the removal of sulfur-oxidated compounds from a hydrocarbonaceous stream containing sulfur-oxidated compounds wherein the hydrocarbonaceous stream containing sulfur-oxidated compounds is contacted with an adsorbent which selectively adsorbs sulfur-oxidated compounds from the hydrocarbonaceous stream to produce an adsorbent having adsorbed sulfur-oxidated compounds. The loaded adsorbent containing sulfur-oxidated compounds is contacted with a desorbent to produce a desorbent containing sulfur-oxidated compounds and an adsorbent having a reduced content of sulfur-oxidated compounds. The regenerated adsorbent is then used to remove additional sulfur-oxidated compounds.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5712/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :29/09/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : "CATALYTIC CONVERSION OF POLYCYCLIC AROMATICS INTO XYLENES"

(51) International classification	:C07C 4/24
(31) Priority Document No	:10/807,626
(32) Priority Date	:24/03/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2005/009367
Filing Date	:22/03/2005
(87) International Publication No	:WO 2005/097714
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)UOP LLC

Address of Applicant :25 EAST ALGONQUIN ROAD, P.O. BOX
5017, DES PLAINES, ILLINIOIS 60017-5017, U.S.A. U.S.A.

(72)Name of Inventor :

1)NEGIZ ANTOINE

2)BOLDINGH EDWIN PAUL

3)MODICA FRANK STEVEN

4)MAHER GREGORY FRANCIS

(57) Abstract :

A catalyst and a process for using the catalyst, that effectively converts and transalkylates indane and CIO and heavier polycyclic aromatics into C8 aromatics is herein disclosed. The catalyst comprises a solid-acid support such as mordenite plus a metal component such as rhenium. The catalyst provides excellent conversion of such heavy aromatic species as naphthalene, which is also observed by a decrease in the ending-boiling-point of a hydrocarbon stream passed over the catalyst. The same catalyst is also effective for transalkylation of lighter aromatics, thus yielding a valuable xylenes product stream out of the process.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5713/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :29/09/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : "METHOD FOR THE PRODUCTION OF CIRCUIT BOARDS AND/OR CORRESPONDING CONSTRUCTS"

(51) International classification	:H05K 1/11
(31) Priority Document No	:102004021062.4
(32) Priority Date	:29/04/2004
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2005/050919
Filing Date	:02/03/2005
(87) International Publication No	:WO 2005/107342
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)SIEMENS AKTIENGESELLSCHAFT
Address of Applicant :WITTELSBACHERPLATZ 2,80333
MUNCHEN,GERMANY. Germany
(72)**Name of Inventor :**
1)BUSCH GEORG

(57) Abstract :

METHOD FOR THE PRODUCTION OF CIRCUIT BOARDS AND/OR CORRESPONDING CONSTRUCTS Disclosed is a simplified, inexpensive method for producing printed circuit boards and/or corresponding constructs comprising points where through-connections are created. Such a method dispenses with the need for a very complex brushing process while using exclusively low-cost lacquer variants. More-over, the inventive method allows additional strip conductors or appropriate layers to be guided even directly across the through-connections rather than just to said through-connections.

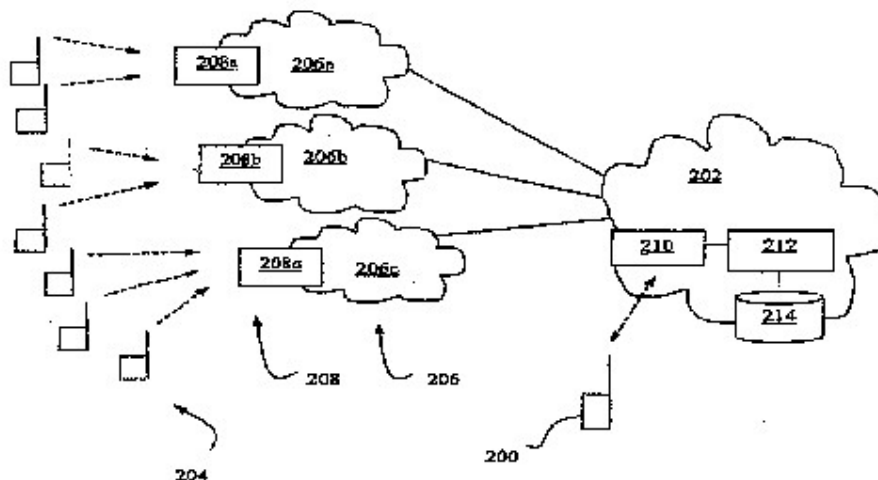
(54) Title of the invention : A METHOD AND ARRANGEMENT FOR PROVIDING USER INFORMATION TO A TELECOMMUNICATION CLIENT.

(51) International classification :H04M 3/42
 (31) Priority Document No :0400622-7
 (32) Priority Date :12/03/2004
 (33) Name of priority country :Sweden
 (86) International Application No :PCT/SE2005/000348
 Filing Date :10/03/2005
 (87) International Publication No :WO 2005/088949
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :
1)TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)
 Address of Applicant :SE-16483 STOCKHOLM (SE) Sweden
 (72)Name of Inventor :
1)BOBERG, CHRISTER
2)LINDGREN, ANDERS
3)ANDERSSON, STEFAN
4)LINDGREN, HANS
5)PERTERSSON, JUSTUS

(57) Abstract :

A method and arrangement for providing information to a client. (200) from a client access network (202) regarding a requested set of users (204), at least some of which are connected to other access networks (206). In response to a client subscription request, the client access network establishes a network subscription with the other access networks. Information updates regarding users in the set are then continuously received and stored in a database (214) of the client access network, whenever the user change their site. In response to a subsequent request for user information from the client, corresponding stored user information is retrieved from the database and sent in a notification to the client.



(54) Title of the invention : FILTER PLATE ASSEMBLY FOR FILTER.

(51) International classification	:B01D 25/12
(31) Priority Document No	:60/551,442
(32) Priority Date	:09/03/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2005/006947
Filing Date	:04/03/2005
(87) International Publication No	:WO 2005/091961
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)DUBY, SEAN, R.

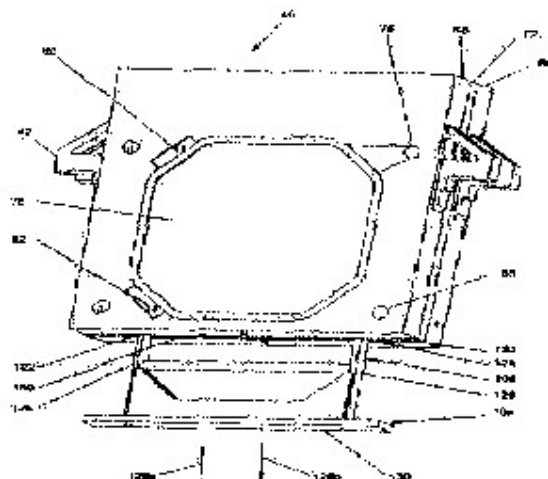
Address of Applicant :2500 WESTMINSTER AVENUE, COSTA MESA, CA 92627, UNITED STATES OF AMERICA U.S.A.

(72)Name of Inventor :

1)DUBY, SEAN, R.

(57) Abstract :

Abstract of the Disclosure A filter (20) configured to separate the solid components and the liquid components from a slurry. The filter (20) includes a plurality of filter plate assemblies (46) that cooperate to define a plurality of filter chambers (70), each defining a perimeter (96) having an open section (98) when the filter plates (68) are in a closed position relative to one another. Each filter plate assembly (46) includes a closure (104) configured to close the open section (*). Preferably, the closures (104) are movable to an open position to permit a particulate cake to be removed from the filter chambers (70) without separating the filter plates (68).



(12) PATENT APPLICATION PUBLICATION

(21) Application No.6770/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :14/11/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : LOW COMPACTION, PNEUMATIC DEWATERING PROCESS FOR PRODUCING ABSORBANT SHEET

(51) International classification	:D21F 11/00 , D21F 2/00
(31) Priority Document No	:60/584,901
(32) Priority Date	:01/07/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2005/023194
Filing Date	:28/06/2005
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)FORT JAMES CORPORATION
Address of Applicant :133 PEACHTREE STREET, N.E. ATLANTA
GEORGIA 30303 U.S.A U.S.A.
(72)**Name of Inventor :**
1)MURRAY FRANK C.
2)WENDT GREG

(57) Abstract :

A low-compaction method of making an absorbent cellulosic web includes: forming a nascent web from a papermaking furnish; dewatering the nascent web to a consistency of from about 10 to about 30 percent on a foraminous forming support traveling at a first speed; rush-transferring the web at a consistency of from 10 to about 30 percent to an open texture fabric traveling at a second speed slower than the first speed of the forming support; further dewatering the web on the impression fabric to a consistency of from about 30 to about 60 percent by way of (i) combining the open texture fabric bearing said web with a fluid distribution membrane and an anti-rewet felt as the three pass through a nip into a pressure chamber defined in part by a plurality of nip rolls, the fluid distribution membrane bearing against the side of the open texture fabric away from the web, with the anti-rewet felt bearing against the web, and (ii) applying a pneumatic pressure gradient from the distributor membrane through the web thereby dewatering the web; and drying the web. Preferably the process includes the steps of selecting the papermaking furnish and controlling the process such that the dried web has a void volume fraction of at least 0.7, a hydraulic diameter in the range of from about 3 to about 20 microns and a Wet Springback Ratio of at least about 0.65. Optionally provided is a high solids fabric crepe in a pressure nip.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6771/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application : 14/11/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : "HIGH SOLIDS FABRIC CREPE PROCESS FOR PRODUCING ABSORBENT SHEET WITH IN-FABRIC DRYING

(51) International classification	:D21F 11/14
(31) Priority Document No	:60/580,847
(32) Priority Date	:18/06/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2005/021437
Filing Date	:17/06/2005
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)FORT JAMES CORPORATION
Address of Applicant :133 PEACHTREE STREET, N.E. ATLANTA,
GEORGIA 30303 USA U.S.A.
(72)**Name of Inventor :**
1)MURRAY, FRANK C.
2)WENDT, GREG

(57) Abstract :

A method of making a fabric-creped absorbent cellulosic sheet is provided which includes dewatering a papermaking furnish and partially drying the web without wet-pressing before applying it to a translating transfer surface moving at a first speed. The process further includes fabric-creping the web from the transfer surface at a consistency of from about 30 to about 60 percent utilizing a creping fabric, the creping step occurring under pressure in a creping nip defined between the transfer surface and the creping fabric wherein the fabric is traveling at a second speed slower than the speed of said transfer surface, the fabric pattern, nip parameters, velocity delta and web consistency being selected such that the web is creped from the surface and redistributed on the creping fabric. After creping, the web is dried, preferably with a plurality of can dryers to a consistency of at least about 90 percent while it is held in the creping fabric.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6775/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :15/11/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : "METHOD AND APPARATUS FOR CARRYING DOOR IN VEHICLE BODY ASSEMBLY LINE"

(51) International classification	:B62D 65/18
(31) Priority Document No	:2004-147402
(32) Priority Date	:18/05/2004
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP05/006901
Filing Date	:08/04/2005
(87) International Publication No	:WO 2005/110837
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :
1)HONDA MOTOR CO., LTD.
Address of Applicant :1-1,MINAMI-AOYAMA 2-CHOME MINTO-KU,TOKYO 107-8556,JAPAN Japan
(72)Name of Inventor :
1)KATSUSHI TAKECHI
2)YUKIO ISHIDO
3)KENJI TATSUDA
4)HISAO IWASA
5)YASUO MIYAOKA

(57) Abstract :

The object of the present invention is to provide a door carrying apparatus which is capable of reducing manpower and which enables equipment construction to occupy less installation area, when door transferring operation is carried out by utilizing workers. Doors for one vehicle which are removed from a vehicle body (W) in a door removing section ((1x) of a main line (1) for carrying the vehicle body (W) are manually transferred to one hanger (5) of a door carrying conveyor (4) to be carried to a door sub-assembling line (2) and are manually loaded on pallets on the door sub-assembling line (2). Each of the sub-assembled doors is manually transferred to the hanger (5) and is carried to a door mounting section (1y) of the main line (1). Then, the door's are mounted on the vehicle body (W) in the door mounting section (1y). In the transfer operations, a hanger member (19) is rotated 90 degrees around a vertical axis in transfer sections (X), (P), (Q), (Y) to change the attitude thereof such that the door transfer operations can be easily performed.

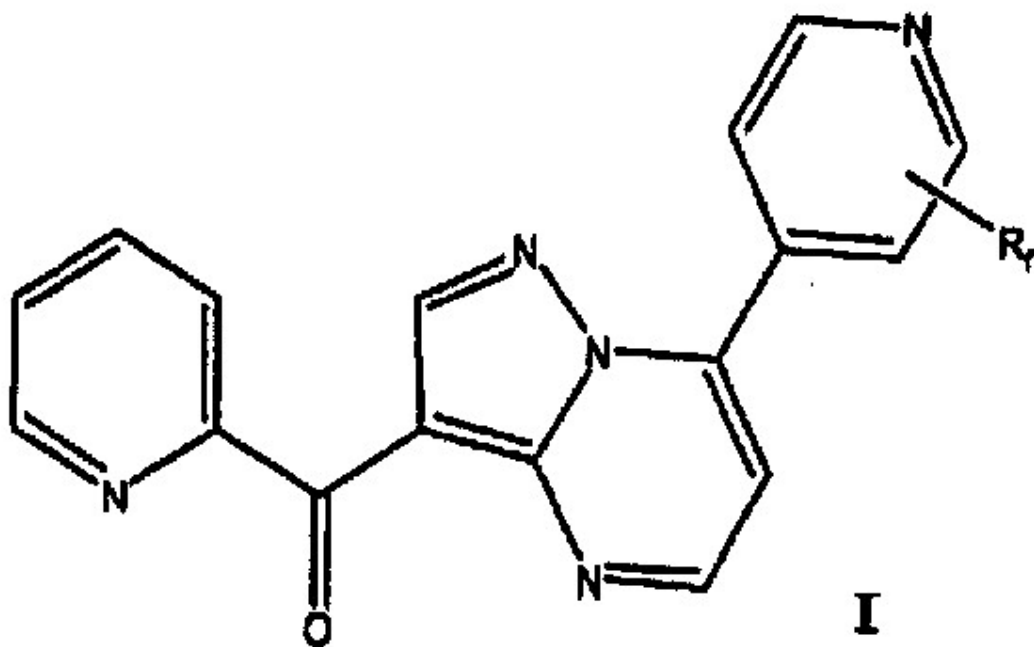
(54) Title of the invention : "2-PYRIDINYL[7-(SUBSTITUTED - PYRIDIN-4-YL) PYRAZOLO[1,5-A} PYRIMIDIN-3-YL] METHANONES"

(51) International classification :A01N 43/00
 (31) Priority Document No :200460/549,418
 (32) Priority Date :02/03/2004
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2005/007238
 Filing Date :02/03/2005
 (87) International Publication No :WO 2005/084439
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :
1)DOV PHARMACEUTICAL, INC.
 Address of Applicant :433 HACKENSACK AVENUE,
 HACKENSACK, NJ 07601-6382, USA U.S.A.
 (72)Name of Inventor :
1)SKOLNICK PHIL

(57) Abstract :

The present invention provides novel 2-pyridinyl[7(pyridin-4-yl)pyrazolo[1,5- a]pyrimidin-3-yl]methanones with at least one substituent on the 4-pyridinyl ring having the chemical structure of formula I: The invention further provides compositions and methods employing the novel 2-pyridinyl[7-(pyridin-4-yl)pyrazolo[1,5-a]pyrimidin-3-yl]methanones of formula I in to modulate GABA and GABA receptor physiology to elicit therapeutic responses in mammalian subjects to alleviate neurological or psychiatric disorders, including stroke, head trauma, epilepsy, pain, migraine, mood disorders, anxiety, post traumatic stress disorder, obsessive compulsive disorders, mania, bipolar disorders, schizophrenia, seizures, convulsions, tinnitus, neurodegenerative disorders including Alzheimer's disease, amyotrophic lateral sclerosis and Parkinson's disease, Huntington's chorea, depression, bipolar disorders, mania, trigeminal and other neuralgia, neuropathic pain, hypertension, cerebral ischemia, cardiac arrhythmia, myotonia, substance abuse, myoclonus, essential tremor, dyskinesia and other movement disorders, neonatal cerebral hemorrhage, and spasticity, as well as other psychiatric and neurological disorders mediated by GABA and/or GABA receptors. 69



(12) PATENT APPLICATION PUBLICATION

(21) Application No.5104/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :04/09/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : "PROCESS AND APPARATUS FOR PROVIDING IDENTITY MARKS ON SECURITY DOCUMENTS"

(51) International classification	:B41M 3/14	(71)Name of Applicant :
(31) Priority Document No	:04405180.3	1)KBA GIORI S.A
(32) Priority Date	:24/03/2004	Address of Applicant :4, RUE DE LA PAIX, CH-1003 LAUSANNE
(33) Name of priority country	:EUROPEAN	SWITZERLAND Switzerland
	UNION	(72)Name of Inventor :
(86) International Application No	:PCT/CH2005/000169	1)MOREAU VINCENT
Filing Date	:23/03/2005	
(87) International Publication No	:WO 2005/090088	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An intaglio-printing press for printing security documents comprising a plate cylinder (4) with at least one engraved printing plate (6), an impression cylinder (3), a wiping device (10) and an inking system, (5, 7a-8d); it further comprises a laser printing device with laser marking heads (15) arranged facing said plate cylinder downstream from said wiping device and upstream from the contact zone between said plate cylinder and said impression cylinder.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5105/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :04/09/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : "IMPROVED PACKAGING METHOD THAT CAUSES AND MAINTAINS THE PREFERRED RED COLOR OF FRESH MEAT."

(51) International classification	:B32B 9/04
(31) Priority Document No	:60/559,350
(32) Priority Date	:02/04/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2005/011387
Filing Date	:04/04/2005
(87) International Publication No	:WO 2005/097486
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71) Name of Applicant : 1)CURWOOD INC., Address of Applicant :2200 BADGER AVENUE, OSHKOSH, WI 54904 USA U.S.A.
(72) Name of Inventor : 1)SIEGEL DAN G.

(57) Abstract :

The present invention is a method for improving the visual appearance of a food product (12) and a film (22) utilized in the method. The film includes an effective amount of a nitrogen-containing compound contained within or applied to one side of the and adapted to contact a food item held within a food packaging container (10). Upon contacting the food item within the container, the nitrogen-containing compound forms nitrous oxide gas within the container, because of the contact of the compound with and dissolution into the juices of the food product. Thus, the physical contact of the packaging film with the food product causes a preferred reddish bloom to appear on the viewing surface (100) of the food item without effecting the appearance, performance or color of the interior of the food product.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5106/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :05/09/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : "DEPOSITION OF DISPERSED METAL PARTICLES ONTO SUBSTRATES USING SUPERCRITICAL FLUIDS."

(51) International classification	:B01J 21/18
(31) Priority Document No	:10/801,348
(32) Priority Date	:16/03/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2005/007746
Filing Date	:09/03/2005
(87) International Publication No	:WO 2005/089935
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)COLUMBIAN CHEMICALS COMPANY
Address of Applicant :1800, WEST OAK COMMONS COURT,
MARIETTA, GA 30062-2253, USA U.S.A.
(72)**Name of Inventor :**
1)BROWN GARTH

(57) Abstract :

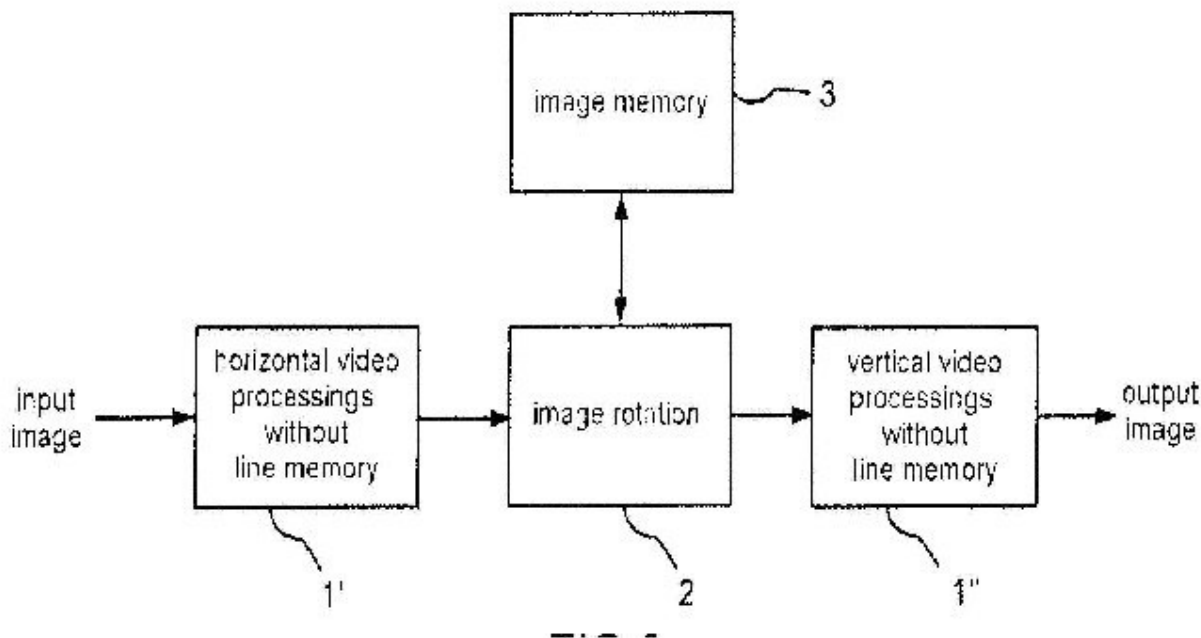
A method for producing dispersed metal particles on a substrate and the compositions produced is disclosed. A method for producing the particles comprises exposing an organometallic and a particulate substrate to supercritical or near supercritical fluid under conditions to form a mixture of the fluid and the organometallic, allowing the mixture to remain in contact with the substrate for a time sufficient to deposit dispersed organometallic onto the substrate, venting the mixture, thereby adsorbing the organometallic onto the substrate, and reducing the dispersed organometallic to dispersed metal particles with a reducing agent.

(54) Title of the invention : "VERTICAL SCANNING TELEVISION"

(51) International classification	:H04N 3/22	(71)Name of Applicant :
(31) Priority Document No	:05/50825	1)THOMSON LICENSING
(32) Priority Date	:31/03/2005	Address of Applicant :46 QUAI A. LE GALLO, 92100
(33) Name of priority country	:France	BOULOGNE-BILLANCOURT, FRANCE. France
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)DIDIER DOYEN
(87) International Publication No	:NA	2)LAURENT BLONDE
(61) Patent of Addition to Application Number	:NA	3)LUIS MONTALVO
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a television comprising means for receiving line by line a video input image, a circuit for processing said video input image able to apply at least one horizontal video processing and one vertical video processing to pixels of the video input image and means of vertical scanning for displaying the video image coming from the processing circuit column of pixels by column of pixels. The invention aims to reduce the number of memory of lines that are necessary for performing the vertical video processings. According to the invention, the vertical video processings are performed after an image rotation so as to perform them as horizontal video processings, that is to say without having to use line memories. Application to cathode-ray televisions.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.6923/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :20/11/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : "PLACENTAL HUMAN NEUROKININ B PRECURSOR."

(51) International classification	:A61B
(31) Priority Document No	:20000974680
(32) Priority Date	:10/11/2000
(33) Name of priority country	:Austria
(86) International Application No	:PCT/GB00/04315
Filing Date	:10/06/2002
(87) International Publication No	:WO 01/36979
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:IN/PCT/2002/00593DEL
Filed on	:10/06/2002

(71)**Name of Applicant :**
1)UNIVERSITY OF READING
Address of Applicant :WHITEKNIGHT HOUSE
WHITEKNIGHTS.READING RG6AH GREAT BRITAIN,UNITED
STATES OF AMERICA U.S.A.
(72)**Name of Inventor :**
1)PAGE,NIGEL
2)LOWRY PHILIP

(57) Abstract :

Methods of diagnosing pregnancy induced hypertension or pre-eclampsia by the measurement of the production of neurokinin B, its precursor and fragments thereof are provided, as are kits for use in the methods. Treatments of the conditions and methods of preparing suitable medicaments are also provided as are antibodies and useful antigenic materials.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6926/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :20/11/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : "METHOD FOR PRIORITIZING NETWORKS IN A TELECOMMUNICATIONS TERMINAL HAVING DIGITAL RIGHTS MANAGEMENT CHARACTERISTICS"

(51) International classification :H03J
(31) Priority Document No :10 2004 024 869.9
(32) Priority Date :19/05/2004
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2005/051651
Filing Date :14/04/2005
(87) International Publication No :WO 2005/115027
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)SIEMENS AKTIENGESELLSCHAFT
Address of Applicant :WITTELSBACHERPLATZ 2, 80333
MUNCHEN, GERMANY Germany
(72)**Name of Inventor :**
1)TRAUBERG, MARKUS

(57) Abstract :

The invention relates to a method for prioritizing telecommunications networks in a telecommunications terminal (200), during which a user data object (212) is stored in the telecommunications terminal (200), and an access parameter (120, 214) is assigned to the user data object (118, 212) and allows access to the user data object (212) depending on which telecommunications network (242, 244) the telecommunications terminal (200) is checked-in. In addition, the telecommunications networks (242, 244) are prioritized, among other things, while using the access parameter (120, 214). Digital rights management can be one of the selection criteria.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6927/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :20/11/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : "INDUCTION MACHINE ROTORS WITH IMPROVED FREQUENCY RESPONSE."

(51) International classification	:H02K
(31) Priority Document No	:60/571,975
(32) Priority Date	:18/05/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2005/017417
Filing Date	:18/05/2005
(87) International Publication No	:WO 2005/114818
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)DUFF,WILLIAM,B.,JR
Address of Applicant :22 SHILOH ROAD ODESSA TX
79672,UNITED STATES OF AMERICA U.S.A.
(72)**Name of Inventor :**
1)DUFF,WILLIAM B.,JR

(57) Abstract :

The present invention generally relates to the use of electrical charge storage devices in the rotors of induction machines. Optimal induction machine rotor electrical field requirements increase with rotational velocity and inversely to frequency. Pseudocapacitance and other inverse frequency capacitance adjustment methods are employed to provide for that need and thereby improve induction machine rotor performance parameters. Optimization of electrical reactance is the foundation for improvements in power transfer, torque, efficiency, stability, thermodynamics, vibration, thermodynamics and bearing life in rotational induction machines. LC rotor methods and designs are outlined herein to achieve these objectives.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6929/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :20/11/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : "PYRAZOLE DERIVATES, COMPOSITIONS CONTAINING SUCH COMPOUNDS AND METHODS OF USE"

(51) International classification	:C07D 231/00
(31) Priority Document No	:60/577,116
(32) Priority Date	:04/06/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2005/018828
Filing Date	:31/05/2005
(87) International Publication No	:WO 2005/121097
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)MERCK & CO., INC;
Address of Applicant :126 EAST LINCOLN AVENUE,
RAHWAY,NJ 07065-0907 (US) U.S.A.

(72)**Name of Inventor :**
1)PARMEE, EMMA, R.
2)XIONG, YUSHENG
3)GUO, JIAN
4)LIANG, RUI
5)BROCKUNIER, LINDA

(57) Abstract :

Pyrazoles having a naphthyl group attached are disclosed. The compounds are useful for treating type 2 diabetes and related conditions. Pharmaceutical compositions and methods of treatment are also included.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6930/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :20/11/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : "METHOD AND FERMENTER FOR THE ANAEROBIC FERMENTATION OF BIOLOGICAL WASTE"

(51) International classification	:C12M	(71) Name of Applicant :
(31) Priority Document No	:102004025318.8	1)HARTMANN, RUDOLF;
(32) Priority Date	:19/05/2004	Address of Applicant :GRAUENSTEINWEG 4, 4460
(33) Name of priority country	:Germany	GELTERKINDEN, SWITZERLAND Switzerland
(86) International Application No	:PCT/EP2005/005452	(72) Name of Inventor :
Filing Date	:19/05/2005	1)HARTMANN, RUDOLF;
(87) International Publication No	:WO 2005/113469	2)WUTHRICH, HANS;
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method for anaerobic fermentation of biological waste and a fermenter for carrying out said method are disclosed. According to the invention, the starting material, in other words, the biological waste for treatment, is introduced through several inlet openings distributed along the reactor height and/or length and/or fermented product is extracted through several fermented product outlet openings.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5107/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :05/09/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : "HIGH SOLIDS CONTENT DISPERSIONS"

(51) International classification	:C10L 1/10
(31) Priority Document No	:60/558,052
(32) Priority Date	:31/03/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2005/010631
Filing Date	:31/03/2005
(87) International Publication No	:WO 2005/097952
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)THE LUBRIZOL CORPORATION
Address of Applicant :29400 LAKELAND BOULEVARD,
WICKLIFFE, OHIO 44092-2298, USA. U.S.A.
(72)**Name of Inventor :**
1)DAVID HOBSON
2)BENJAMIN BOULAY
3)ALEXANDER F. PSAILA

(57) Abstract :

The present invention provides a dispersion composition containing (a) a metal base selected from the group consisting of: (i) a metal hydroxide with a solids content of greater than about 51 wt % of the composition; (ii) a metal base other than a metal hydroxide with a solids content of greater than about 15 wt % of the composition; and (iii) mixtures thereof; (b) a surfactant; and (c) an organic medium containing less than about 2 wt % of water. The invention further provides a process for preparing the composition and a method for its use.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5109/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :05/09/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : "COMPOSITIONS COMPRISING DROSPIRENONE MOLECULARLY DISPERSED"

(51) International classification	:A61K 9/00
(31) Priority Document No	:04075713.0
(32) Priority Date	:10/03/2004
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/IB2005/000665
Filing Date	:10/03/2005
(87) International Publication No	:WO 2005/087194
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)SCHERING AKTIENGESELLSCHAFT
Address of Applicant :MULLERSTRASSE 178, 13342 BERLIN,
GERMANY. Germany
(72)**Name of Inventor :**
1)ADRIAN FUNKE
2)TORSTEN WAGNER

(57) Abstract :

The present invention relates to pharmaceutical composition comprising steroidal drugs, such as drospirenone, in molecularly dispersed form. Preferably, the compositions are provided as solid, semi-solid or liquid forms, which in turn preferably are adapted for oral administration and preferably to be absorbed from the gastro-intestinal tract. Such compositions are found to have high bioavailability, good chemical stability, and fast in-vitro dissolution release and can be produced under conditions, which do not require costly equipment or safety guards.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5110/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :05/09/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : "FEEDER CABLE REDUCTION"

(51) International classification	:H04Q 7/30
(31) Priority Document No	:10/811,164
(32) Priority Date	:26/03/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/IB2005/000690
Filing Date	:17/03/2005
(87) International Publication No	:WO 2005/094101
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)NORTEL NETWORKS LIMITED.
Address of Applicant :2351 BOULEVARD ALFRED-NOBEL, ST.
LAURENT, QUEBEC H4S 2A9, CANADA. Canada

(72)**Name of Inventor :**
1)STEVE BEAUDIN
2)KEITH RUSSELL EDWARDS
3)XIAOYUN HU
4)PETER DEANE

(57) Abstract :

The present invention allows transmission of multiple signals between masthead electronics and base housing electronics in a base station environment. At least some of the received signals from the multiple antennas are translated to being centered about different center frequencies, such that the translated signals may be combined into a composite signal including each of the received signals. The composite signal is then sent over a single feeder cable to base housing electronics, wherein the received signals are separated and processed by transceiver circuitry. Prior to being provided to the transceiver circuitry, those signals that were translated from being centered about one frequency to another may be retranslated to being centered about the original center frequency.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5111/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :05/09/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : "PROJECTION MODULE AND PROJECTOR INCORPORATING SAME"

(51) International classification	:G03B 21/10
(31) Priority Document No	:04/03335
(32) Priority Date	:30/03/2004
(33) Name of priority country	:France
(86) International Application No	:PCT/EP2005/051432
Filing Date	:30/03/2005
(87) International Publication No	:WO 2005/096094
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)THOMSON LICENSING
Address of Applicant :46 QUAI A. LE GALLO, 92100
BOULOGNE-BILLANCOURT, FRANCE France

(72)**Name of Inventor :**
1)JEAN-JACQUES SACRE
2)PASCAL BENOIT

(57) Abstract :

The invention relates to a projection module intended to project an image on a screen defining a specified projection plane. The module comprises: - an objective (41), which itself comprises means for emitting an imaging beam (47); a curved mirror (44); and at least two deflection surfaces (42, 43) for deflecting the imaging beam, these surfaces being placed in the path of the imaging beam between the objective and the curved mirror. The invention also relates to an optical motor and to a corresponding projection system.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5112/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :05/09/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : "EARLY TERMINATION OF LOW DATA RATE TRAFFIC IN A WIRELESS NETWORK "

(51) International classification	:H04L 1/18
(31) Priority Document No	:10/794,259
(32) Priority Date	:04/03/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2005/007047
Filing Date	:03/03/2005
(87) International Publication No	:WO 2005/088887
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)QUALCOMM INCORPORATED.

Address of Applicant :5775 MOREHOUSE DRIVE, SAN DIEGO, CALIFORNIA 92121-1714, U.S.A. U.S.A.

(72)Name of Inventor :

1)AMOL RAJKOTIA

2)RANGANATHAN KRISHNAN

3)JOSEPH PATRICK BURKE

(57) Abstract :

Systems and techniques are disclosed relating to wireless communications, and more specifically, to various systems and techniques for early termination of low rate traffic in a wireless network. A physical layer packet (PLP) grouping factor K configures the PLP into K groups and an ACK/NACK is received on each group.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5113/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :05/09/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : "NOVEL PROCESS"

(51) International classification	:C07D 311/22
(31) Priority Document No	:0400786-0
(32) Priority Date	:25/03/2004
(33) Name of priority country	:Sweden
(86) International Application No	:PCT/SE2005/000415
Filing Date	:22/03/2005
(87) International Publication No	:WO 2005/092879
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)ASTRAZENECA AB
Address of Applicant :S-151 85 SODERTALJE, SWEDEN. Sweden
(72)**Name of Inventor :**
1)ABDURRAZZAQUE MIRAJKAR
2)VIKAS MISHRA

(57) Abstract :

Provided herein are novel processes for the preparation of intermediates that may be useful in the preparation of 5-Ht1b receptor antagonist useful in the treatment of depression, anxiety and other related diseases. The present processes may offer improved yields, purity, ease of preparation and isolation of intermediates and final product and more industrially useful reaction conditions and workability.

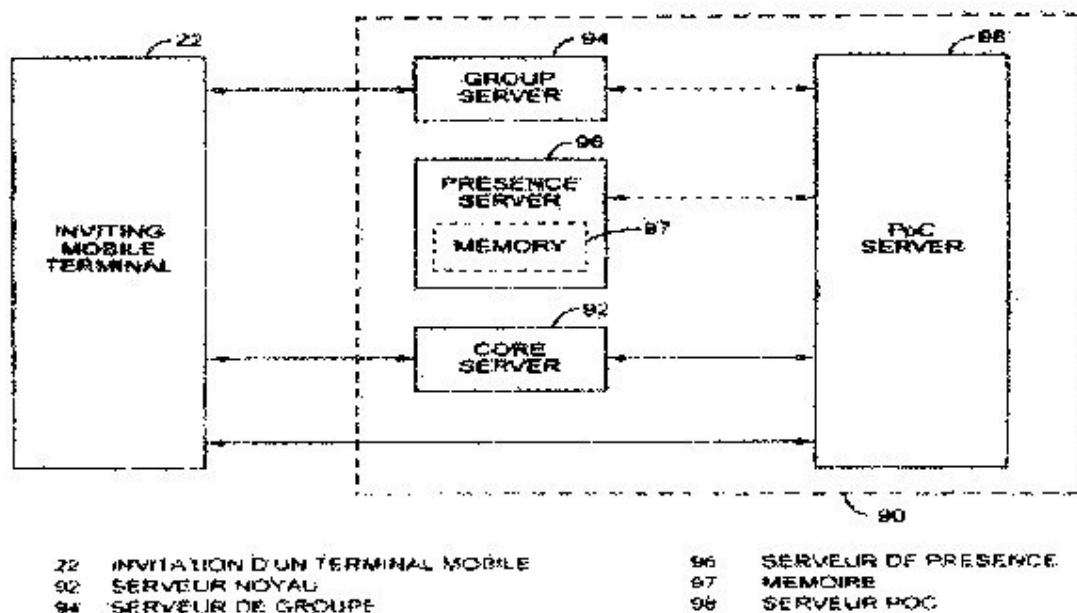
(54) Title of the invention : METHOD FOR POC INSTANT TEMPORARY GROUP CHAT BASED ON PRESENCE AND LOCATION

(51) International classification :H04Q 7/38
 (31) Priority Document No :10/783,586
 (32) Priority Date :20/02/2004
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2004/027265
 Filing Date :23/08/2004
 (87) International Publication No :WO 2005/086521
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :
1)SONY ERICSSON MOBILE COMMUNICATIONS AB
 Address of Applicant :NYA VATTENTORNET, S-221 88 LUND
 (SE) Sweden
 (72)Name of Inventor :
1)YATES, CHARLES, RANDALL
2)KOLEV, JAVOR, P.

(57) Abstract :

A push-to-talk controller in a wireless network, comprising a presence server and a push-to-talk server, establishes a local ad hoc group session between an inviting mobile terminal and local mobile terminals responsive to a push-to-talk request from the inviting mobile terminal. The presence server identifies local mobile terminals within a local area of the inviting mobile terminal. The push-to-talk server then establishes the group session between the inviting mobile terminal and one or more local mobile terminals in the local area. In exemplary embodiments, the push-to-talk server sends an invite message to each of the local mobile terminals identified by the presence server and establishes the local ad hoc group session between the inviting mobile terminal and one or more of the local mobile terminals that respond to the invite message



(12) PATENT APPLICATION PUBLICATION

(21) Application No.5074/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :04/09/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : OSCILLATION/ECHO CANCELLER SYSTEM

(51) International classification	:H04R 1/10
(31) Priority Document No	:2004-088170
(32) Priority Date	:25/03/2004
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2005/005333
Filing Date	:24/03/2005
(87) International Publication No	:WO 2005/094118
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)NAP ENTERPRISE CO., LTD.
Address of Applicant :1-10-7 TANOTSU, HIGASHI-KU,
FUKUOKA-SHI, FUKUOKA, JAPAN Japan
(72)**Name of Inventor :**
1)SETO SHINJI

(57) Abstract :

An oscillation/echo canceller system (I) comprising a hollow main body (5) having an insert section (4) provided with an opening (3) and adapted to be inserted into the canal of the ear, a microphone (10) and a speaker(11), the microphone (10) and the speaker (11) being arranged in the main body. The speaker is arranged with its sound emitting hole directed to the opening of the insert section and provided with an even number of sound emitting canals (12) formed between the sound emitting hole and the opening and having identical lengths and identical inner diameters, the even number being equal to two or even number times of two. The microphone is arranged more remotely from the opening of the insert section than the sound emitting hole of the speaker and the microphone has a sound collecting canal (15) for collecting sounds from the opening that is made of a material incapable of directly collecting sounds from the sound emitting canals of the speaker.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5075/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :04/09/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : "EXTENDED RELEASE PHARMACEUTICAL COMPOSITIONS OF DIVALPROEX SODIUM "

(51) International classification	:A61K 9/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/IB2005/000420
Filing Date	:18/02/2005
(87) International Publication No	:WO 2005/079753
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)RANBAXY LABORATORIES LIMITED.
Address of Applicant :12TH FLOOR, DEVIKA TOWER, 6, NEHRU PLACE, NEW DELHI - 110019, INDIA. Delhi India

(72)**Name of Inventor :**
1)KHALID RAFI
2)SUDHIR VERMA
3)RAJESH BHASKAR
4)VINOD KUMAR ARORA

(57) Abstract :

The present invention relates to a process for the preparation of an extended release pharmaceutical composition comprising a drug capable of dissociating as valproate ion, a high viscosity grade hydroxypropyl methylcellulose and a low viscosity grade hydroxypropyl methylcellulose.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5077/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :04/09/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : "CO-PRECIPITATED AMORPHOUS CEFDITOREN PIVOXIL AND DOSAGE FORMS COMPRISING THE SAME"

(51) International classification	:A61K 9/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/IB2005/000419
Filing Date	:18/02/2005
(87) International Publication No	:WO 2005/082330
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)RANBAXY LABORATORIES LIMITED
Address of Applicant :12TH FLOOR, DEVIKA TOWER, 6, NEHRU PLACE, NEW DELHI-110019, INDIA. Delhi India

(72)**Name of Inventor :**
1)KHALID RAFI
2)SUDHIR VERMA
3)RAJESH BHASKAR
4)VINOD KUMAR ARORA

(57) Abstract :

The present invention relates to a co-precipitated amorphous cefditoren pivoxil dosage forms and processes for their preparation. The process includes a solution of crystalline cefditoren pivoxil in one or more solvents; dispersing one or more water insoluble carriers in the solution; and removing the solvent. The amorphous cefditoren pivoxil and one or more water insoluble carriers are co-precipitated from the solution.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5078/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :04/09/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : "METHOD FOR PREPARING GENOME LIBRARY, AND GENOME LIBRARY PREPARED BY THE METHOD"

(51) International classification	:C12N 15/09
(31) Priority Document No	:2004-059900
(32) Priority Date	:03/03/2004
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2004/003507
Filing Date	:16/03/2004
(87) International Publication No	:WO 2005/085434
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)RESEARCH ORGANIZATION OF INFORMATION AND SYSTEMS
Address of Applicant :4-6-7, MINAMIAZABU, MINATO-KU, TOKYO 1060047, JAPAN Japan
(72)**Name of Inventor :**
1)SHIMAMOTO, NOBUO
2)NAKAYAMA, HIDEKI
3)ARAMAKI, HIRONORI

(57) Abstract :

There is provided a first method for preparing a genome library in which PCR is carried out with the use of genomic DNA of a target biological organism itself or fragments thereof as a direct template and with the use of one kind of primer with a specified sequence or a random primer so as to effect genome amplification, thereby obtaining a genome library. There is further provided a second method for preparing a genome library in which genome of a target biological organism is pretreated and thereafter PCR is carried out with the use of one kind of primer with a specified sequence so as to effect genome amplification, thereby obtaining a genome library. In both of the methods, a genome library can be prepared conveniently from a small amount of sample.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4427/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :01/08/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : "PROCESS FOR THE PRODUCTION OF CONJUGATES FROM POLYSACCHARIDES AND POLYNUCLEOTIDES"

(51) International classification	:A61K 47/48
(31) Priority Document No	:10 2004 006 249.8
(32) Priority Date	:09/02/2004
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2005/001252
Filing Date	:08/02/2005
(87) International Publication No	:WO 2005/074993
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)NOXXON PHARMA AG
Address of Applicant :MAX-DOHRN-STR.8-10,10589 BERLIN,
GERMANY Germany
2)SUPRAMOL PARENTERAL COLLOID GMBH
(72)**Name of Inventor :**
1)SOMMERMEYER, KLAUS

(57) Abstract :

The present invention relates to a process for the production of a conjugate from a polynucleotide and a polysaccharide comprising the steps: a) provision of an aldonic acid of the polysaccharide or of a derivative thereof; b) reaction of the aldonic acid with an alcohol derivative, preferably a carbonate derivative of an alcohol, to an aldonic acid ester, preferably to an activated aldonic acid ester; and c) reaction of the aldonic acid ester with the polynucleotide, wherein the polynucleotide exhibits a functional amino group, wherein the reaction of the aldonic acid with the alcohol derivative in step b) takes place in a dry aprotic polar solvent.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4428/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :01/08/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : "LIGHT-DISPLAY STRUCTURES"

(51) International classification

:F21V 7/06;G09F
9/00

(31) Priority Document No

:10/773,353

(32) Priority Date

:05/02/2004

(33) Name of priority country

:U.S.A.

(86) International Application No

:PCT/IB04/004430

Filing Date

:23/12/2004

(87) International Publication No

:WO 2005/076692

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)AGILIGHT, INC.

Address of Applicant :1702 W. AVENUE N, SAN ANGELO,
TEXAS 76901, U.S.A. U.S.A.

(72)Name of Inventor :

1)WILLIAM R. RATCLIFFE

(57) Abstract :

Light display structures are provided that are simple and comprise few parts so that they can be economically fabricated from various polymers and quickly assembled. They are especially suited for carrying light-emitting elements (22) and lend themselves for realization in a variety of forms such as elongate display structures and sheet-like display structures. They are based upon a plurality of light-emitting elements (e.g. light-emitting diodes) that are coupled between first and second conductors (24, 25) with the addition of other structures (e.g., spaces (26), wire bonds (142), tabs that facilitate the energizing of the light-emitting elements.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4429/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :01/08/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : "N-DEACETYLTHIOLCHICINE DERIVATIVES, THEIR USE AND PHARMACEUTICAL FORMULATIONS CONTAINING THEM"

(51) International classification

:C07C 323/00

(31) Priority Document No

:MI2004A000164

(32) Priority Date

:03/02/2004

(33) Name of priority country

:Italy

(86) International Application No

:PCT/EP2005/000987

Filing Date

:01/02/2005

(87) International Publication No

:WO 2005/075418

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)INDENA S.P.A.

Address of Applicant :VIALE ORTLES, 12, I-20139 MILANO,

ITALY. Italy

(72)Name of Inventor :

1)BOMBARDELLI, EZIO

2)FONTANA, GABRIELE

(57) Abstract :

Disclosed is a series of N-daecetylthiolchicine derivatives of formula (I) in which: -the linker is a bivalent straight or branched C,-C8 alkyl residue, C3-C8 cycloalkyl, a phenylene or heterocyclic C4-C6 ring; -the G1 and G2 junctions, which can be the same or different, are -CO-, -COHN-, -CR2-groups in which R2 is hydrogen or a straight C1-C4 alkyl residue, or the G1-linker-G2 group is the -CO-group. The compounds of formula (I) have antiproliferative, antiinflammatory, antiarthritic and antiviral activity.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6966/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :21/11/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : "DISPLAYING GRAPHICAL TEXTURES"

(51) International classification	:G06T 15/20
(31) Priority Document No	:10/864,816
(32) Priority Date	:08/06/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/GB2004/003199
Filing Date	:23/07/2004
(87) International Publication No	:WO 2005/122096
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)THREE-B INTERNATIONAL LIMITED
Address of Applicant :P.O.BOX N-8188, SAFFREY SQUARE,
SUITE 205, BANK LAKE, NASSAU (BS) Bahamas

(72)**Name of Inventor :**
1)BROWNLEE, DAVID, C
2)PETERS, LESLIE
3)GETTMAN, DAVID
4)MORRIS, NICOLE

(57) Abstract :

A method of displaying a graphical texture comprises determining whether an update exists for a particular content element from among one or more content elements, wherein each content element is associated with one or more textures; if an update exists for the particular content element, performing the steps of determining a particular texture from among the one or more textures with which the information is associated; obtaining the particular texture, wherein the particular texture is generated based on the particular content element; and displaying the particular texture.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6969/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :21/11/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : "METHOD OF STABILIZING PROTEINS"

(51) International classification	:A61K 38/21
(31) Priority Document No	:04076627.1
(32) Priority Date	:01/06/2004
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/EP2005/052413
Filing Date	:27/05/2005
(87) International Publication No	:WO 2005/117948 A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)ARES TRADING S.A.,
Address of Applicant :ZONE INDUSTRIELLE DE L'
OURIETTAZ,CH-1170 AUBONNE,SWITZERLAND. Switzerland
(72)**Name of Inventor :**
1)JABER AMER

(57) Abstract :

A method of preparing a stabilized bulk solution of a monomeric protein is described, which consists in providing a bulk of monomeric protein in a buffer solution and adding an excipient to the bulk, wherein the excipient is selected from the group consisting of bacteriostatic agents, surfactants, isotonicity agents, amino acids, antioxidants and combinations thereof. Preferably the monomeric protein is IFN-beta.

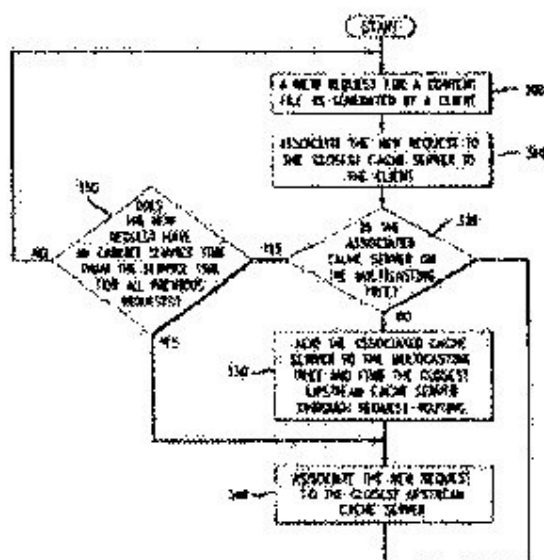
(54) Title of the invention : CACHE SERVER NETWORK AND METHOD OF SCHEDULING THE DISTRIBUTION OF CONTENT FILES

(51) International classification :H04L 29/06 (
 (31) Priority Document No :NA
 (32) Priority Date :NA
 (33) Name of priority country :NA
 (86) International Application No :PCT/US2004/007652
 Filing Date :12/03/2004
 (87) International Publication No :WO 2005/099223
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :
1)THOMSON LICENSING
 Address of Applicant :46, QUAI A. LE GALLO, F-92100
 BOULOGNE-BILLANCOURT, FRANCE France
 (72)Name of Inventor :
1)LI JUN
2)ZHANG JUNBIAO
3)VERMA SNIGDHA

(57) Abstract :

A technique for scheduling distribution of a content file within a content delivery network and a content delivery network adapted to perform the same are disclosed. The technique comprise scheduling distribution of the content file based on delivery location, service time of content requests, and cache server hierarchy. Preferably, a multicasting tree for delivering each content file is dynamically established in the content delivery network based on location and service time consideration.



4. RÉSUMÉ
 300. UNE NOUVELLE DEMANDE DE RÉPARTITION D'UN FICHIER DE
 304. ASSOCIER LA NOUVELLE DEMANDE À UN SERVEUR DE
 308. EST-IL Y A-T-IL UN SERVEUR DE CACHE ASSOCIÉ À L'ARBORESCENCE
 310. AJOUTER LE SERVEUR DE CACHE ASSOCIÉ À L'ARBORESCENCE
 306. ASSOCIER LA NOUVELLE DEMANDE À UN SERVEUR DE CACHE
 308. Y A-T-IL UN SERVEUR DE CACHE ASSOCIÉ À L'ARBORESCENCE
 310. AJOUTER LE SERVEUR DE CACHE ASSOCIÉ À L'ARBORESCENCE
 306. ASSOCIER LA NOUVELLE DEMANDE À UN SERVEUR DE CACHE
 308. Y A-T-IL UN SERVEUR DE CACHE ASSOCIÉ À L'ARBORESCENCE
 310. AJOUTER LE SERVEUR DE CACHE ASSOCIÉ À L'ARBORESCENCE
 306. ASSOCIER LA NOUVELLE DEMANDE À UN SERVEUR DE CACHE

(54) Title of the invention : ERROR CORRECTION FOR VIBRATORY RATE GYROSCOPE.

(51) International classification :G01C 19/56 (
 (31) Priority Document No :60/552,652
 (32) Priority Date :12/03/2004
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2005/008372
 Filing Date :11/03/2005
 (87) International Publication No :WO 2005/090915
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

1)THOMSON LICENSING

Address of Applicant :46, QUAI A. LE GALLO, F-92100
BOULOGNE-BILLANCOURT (FR) France

(72)Name of Inventor :

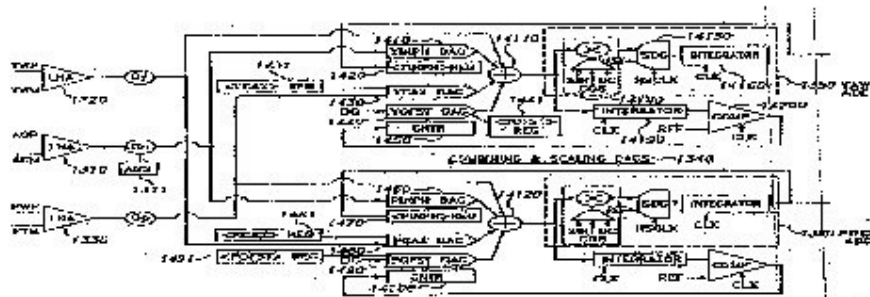
1)HOTELLING STEVEN PORTER

2)BAYER LEX

3)LAND BRIAN R.

(57) Abstract :

A synchronous signal processing circuit for a dual-axis vibratory rotation-rate sensor uses a hybrid analog/digital design to provide correction for parasitic quadrature errors by the addition of synthesized correction signals in the analog domain prior to digitization. Error correction, signal demodulation and data conversions are synchronized with a signal phase-locked to the measured motion of the vibratory mass. Similarly, cross-axis error correction signals are synthesized directly from the cross axis signals. Use of these precise phase references provides for various benefits in signal noise and error matching (tracking) over wide operation conditions.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.5718/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :29/09/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : AUTOMATIC HIDDEN REFRESH IN A DRAM AND METHOD THEREFOR.

(51) International classification	:G11C 7/00
(31) Priority Document No	:10/854298
(32) Priority Date	:26/05/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2005/014786
Filing Date	:28/04/2005
(87) International Publication No	:WO 2005/119687
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)FREESCALE SEMICONDUCTOR, INC.
Address of Applicant :6501 WILLIAM CANNON DRIVE WEST,
AUSTIN, TEXAS 78795 U.S.A. U.S.A.
(72)**Name of Inventor :**
1)PELLEY, PERRY, H.

(57) Abstract :

A memory (10) has a plurality of memory cells, a serial address port (47) for receiving a low voltage high frequency differential address signal, and a serial input/output data port (52, 54) for receiving a high frequency low voltage differential data signal. The memory (10) can operate in one of two different modes, a normal mode and a cache line mode. In cache line mode, the memory can access an entire cache line from a single address. A fully hidden refresh mode allows for timely refresh operations while operating in cache line mode. Data is stored in the memory array (14) by interleaving in multiple sub-arrays (15, 17). During a hidden refresh mode of operation, one sub-array (15) is accessed while another sub-array (17) is refreshed. Two or more of the memories (10) may be chained together to provide a high speed low power memory system.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5719/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :29/09/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : METHOD FOR FORMING A SEMICONDUCTOR DEVICE HAVING A SILICIDE LAYER.

(51) International classification	:H01L 21/3205
(31) Priority Document No	:10/854,389
(32) Priority Date	:26/05/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2005/014324
Filing Date	:26/04/2005
(87) International Publication No	:WO 2005/119752
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)FREESCALE SEMICONDUCTOR ,INC.
Address of Applicant :6501 WILLIAM CANNON DRIVE
WEST,AUSTIN,TEXAS 78735 U.S.A. U.S.A.

(72)**Name of Inventor :**
1)JAWARANI, DHARMESH
2)STEPHENS,TAB A.

(57) Abstract :

A method for forming a semiconductor device includes providing a semiconductor substrate, forming an insulating layer over the semiconductor substrate, forming a conductive layer over the insulating layer, forming a first metal silicide layer over the conductive later, patterning the conductive layer to from a patterned first layer, wherein the patterned first layer is a part of a control electrode, patterning the first metal silicide layer to from a patterned first metal silicide layer over the control electrode so that the patterned first metal silicide layer remains over the control electrode, and forming a second metal silicide over the patterned metal silicide layer, wherein the second metal silicide layer has a thickness greater than the thickness of first metal silicide layer.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5720/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :29/09/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : "ILLUMINATION SYSTEM"

(51) International classification	:H05B 37/02
(31) Priority Document No	:10 2004 018 343.0
(32) Priority Date	:15/04/2004
(33) Name of priority country	:Austria
(86) International Application No	:PCT/EP2005/003119
Filing Date	:23/03/2005
(87) International Publication No	:WO 2005/101918
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)ZUMTOBEL LIGHTING GMBH.
Address of Applicant :SCHWEIZER STR. 30, A-6850 DORNBRN,
AUSTRIA Austria
(72)**Name of Inventor :**
1)JOHLER, GUNTHER
2)PETSCHULAT, MANFRED
3)ROTH, THOMAS

(57) Abstract :

In an illumination system (1) having a control unit (2) and at least one de-central lamp operating device (12, 22) for operating one or more associated lamps (LA), the lamp operating device (12, 22) can be operated in different operational modes. In accordance with the invention the central control unit (2) and the lamp operating device (12, 22) are so configured that the selection and setting of an operational mode for the lamp operating device (12, 22) can be carried out from or via the central control unit (2).

(12) PATENT APPLICATION PUBLICATION

(21) Application No.676/DEL/2006 A

(19) INDIA

(22) Date of filing of Application :13/03/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : "SYSTEM AND METHOD FOR DESIGNING COMPONENT BASED APPLICATIONS"

(51) International classification	:G06F 17/50
(31) Priority Document No	:05101955.2
(32) Priority Date	:14/03/2005
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)RESEARCH IN MOTION LIMITED
Address of Applicant :295 PHILLIP STREET, WATERLOO,
ONTARIO, CANADA N2L 3W8. Canada
(72)**Name of Inventor :**
1)MICHAEL SHENFIELD
2)BRYAN GORING
3)DAVID DEBRUIN

(57) Abstract :

A system and method for providing a user interface system to develop an application having a first component with descriptors expressed in a structured definition language and a second component expressed as a series of instructions. The individual components interact for processing messages on a runtime environment of a device that are received from a datasource over a network. The component applications comprise data components, presentation components, and message components, which are written in XML code. The component applications further comprise workflow components which are written in a subset of HC'MAScript, and are augmented with the XML code. The user interface system comprises a first module, such as a viewer or and editor, for developing the definitions of the first component through interaction with a data model that provides a persistent state of the application. The user interface system comprises a second module for developing the instructions of the second component through interaction with the data model, and a backend connector for providing the message mapping information of the data source to the first module. The first module generates the definitions based on the mapping information. The first and second components developed by respective the first and second modules are included in the application with other components where applicable.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7059/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :24/11/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : "SIMPLIFIED AIRLESS DISPENSING PUMP FOR LIQUID PRODUCT"

(51) International classification	:B05B 1/34 ,B05B 11/00
(31) Priority Document No	:0406276
(32) Priority Date	:10/06/2004
(33) Name of priority country	:France
(86) International Application No	:PCT/FR05/001391
Filing Date	:07/06/2005
(87) International Publication No	:WO 2006/003297
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)REXAM DISPENSING SYSTEMS
Address of Applicant :15 BIS ROUTE NATIONALE, F-76470 LE TREPORT, FRANCE France
(72)**Name of Inventor :**
1)RICHARD BLOC

(57) Abstract :

The invention relates to an airless dispensing pump for liquid products. The inventive pump is characterised in that it consists of : a push button (1) comprising a spray nozzle (P) which communicates with a network of channels that is provided locally on the wall of an internal truncated-cone-shaped bore (10), and a housing (2). According to the invention, the upper part of the housing comprises a dosing cell (20) having an elastically-deformable wall, which is equipped with an intake valve and topped with a rigid collar (23) for fixing same inside the bore (10) of the aforementioned button. Moreover, the outer periphery of the collar (23) comprises an inclined face (23a) which defines a swirl chamber opposite the above-mentioned network, while the inner periphery thereof is equipped with a passage to said chamber.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7073/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :24/11/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : "FUNCTIONAL FOODS COMPRISING FLAVONOIDS AND TOCOTRIENOLS AND METHODS THEREOF"

(51) International classification	:A61K 31/353 ,A23C 9/12 ,A23L 1/03	(71)Name of Applicant : 1)KGK SYNERGIZE INC.
(31) Priority Document No	:60/574,655	Address of Applicant :ONE LONDON PLACE SUITE 1030 255
(32) Priority Date	:26/05/2004	QUEENS AVENUE LONDON ONTARIO N6A 5R8 CANADA Canada
(33) Name of priority country	:U.S.A.	(72)Name of Inventor :
(86) International Application No	:PCT/IB2005/001424	1)GUTHIRE NAJLA
Filing Date	:24/05/2005	
(87) International Publication No	:WO 2005/115377	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Disclosed in certain embodiments is a functional food comprising an active agent combination comprising flavonoids and tocotrienols. The flavonoids may comprise naringenin, hesperetin, nobiletin or tangeretin. The tocotrienols may comprise alpha-tocotrienol, gamma-tocotrienol or delta-tocotrienol. The formulations may be used to treat cardiovascular disease, for example by lowering total cholesterol, triacylglycerols, LDL cholesterol or Apo B. They may be in the form of a chewable or edible bar, a confectionary product, a juice drink, a puree, a baked or simulated baked good, a biscuit or chewing gum.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7074/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :24/11/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : "PHARMACEUTICAL PRODUCTS FOR TREATING NEOPLASTIC DISEASE AND INFLAMMATION"

(51) International classification	:A61K 31/353 ,A23L 1/30 ,A61K 31/352	(71) Name of Applicant : 1)KGK SYNERGIZE INC.
(31) Priority Document No	:60/574,487	Address of Applicant :ONE LONDON PLACE, SUITE 1030, 255
(32) Priority Date	:26/05/2004	QUEENS AVENUE, LONDON, ONTARIO N6A 5R8, CANADA
(33) Name of priority country	:U.S.A.	Canada
(86) International Application No	:PCT/IB2005/001420	(72) Name of Inventor :
Filing Date	:24/05/2005	1)GUTHRIE, NAJLA
(87) International Publication No	:WO 2005/115376	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Disclosed in certain embodiments is a pharmaceutical formulation and a functional food comprising a pharmaceutical ingredient comprising an active agent combination comprising flavonoids and tocotrienols in a ratio of about 75: 25 to about 95:5 and at least one pharmaceutically acceptable excipient and methods to treat neoplastic diseases and inflammation.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6931/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :20/11/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : "DRIVE UNIT"

(51) International classification	:B29C
(31) Priority Document No	:10 2004 027 849.0
(32) Priority Date	:08/06/2004
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2005/006105
Filing Date	:07/06/2005
(87) International Publication No	:WO 2005/121564
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)BOSCH REXROTH AG
Address of Applicant :HEIDEHOFSTRASSE 31, 70184
STUTTGART, GERMANY (DE) Germany
(72)**Name of Inventor :**
1)DANTLGRABER, JORG

(57) Abstract :

There is disclosed a drive unit, in particular an ejector or a closing unit of an injection molding machine, comprising a working cylinder containing three pressure chambers one of which has a small active surface that acts in the deployment direction, a large active surface that acts in the deployment direction and an active surface that acts in the retraction direction, and comprising a valve assembly for applying a respective high or low pressure to the pressure chambers, wherein a high pressure accumulator and a low pressure accumulator can be connected to the pressure chambers by means of the valve assembly and the active surface that acts in the retraction direction and one of the active surfaces that act in the deployment direction are subjected to high pressure both during a rapid deployment and during a rapid retraction.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6933/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :20/11/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : "METHOD, SOFTWARE AND APPARATUS FOR USING APPLICATION STATE HISTORY INFORMATION WHEN RE-LAUNCHING APPLICATIONS."

(51) International classification	:G06N
(31) Priority Document No	:10/854,982
(32) Priority Date	:26/05/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2005/018672
Filing Date	:26/05/2005
(87) International Publication No	:WO 2005/119445
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)QUALCOMM INCORPORATED

Address of Applicant :5775 MOREHOUSE DRIVE, SAN DIEGO, CALIFORNIA 92121 USA. U.S.A.

(72)Name of Inventor :

1)KELLEY BRIAN HAROLD

2)WALKER ROBERT

3)NIJDAM MARC EDWARD

(57) Abstract :

A system for saving application state "history information, containing an historical snap-shot of dynamic application state information associated with execution of a first application on a computing device. The application state history information is saved for use in a subsequent re-launch of the first application.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6935/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :20/11/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : "QUINAZOLINONE DERIVATIVES USEFUL AS VANNIOLOID ANTAGONISTS"

(51) International classification	:C07C
(31) Priority Document No	:0412769.2
(32) Priority Date	:08/06/2004
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/EP2005/006253
Filing Date	:08/06/2005
(87) International Publication No	:WO 2005/120510
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)NOVARTIS AG
Address of Applicant :LICHTSTRASSE 35, CH - 4056 BASEL
SWITZERLAND Switzerland

(72)**Name of Inventor :**
1)RITCHIE TIMOTHY JOHN
2)CULSHAW ANDREW JAMES
3)BRAIN CHRISTOPHER THOMAS
4)DZIADULEWICZ EDWARD KAROL
5)HART TERANCE

(57) Abstract :

present invention relates to the use of a quinazolinone compound of the formula (1) wherein R¹, R_i, R₃, R₄, R₅ and m are as defined in the specification and in the claims, in free form or in salt form, and, where possible, in acid addition salt form, as a vanilloid.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6938/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :20/11/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : INTEGRITY PROTECTION OF STREAMED CONTENT

(51) International classification	:G06F
(31) Priority Document No	:10/844,063
(32) Priority Date	:12/05/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/FI2005/000215
Filing Date	:11/05/2005
(87) International Publication No	:WO 2005/109146
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)NOKIA CORPORATION
Address of Applicant :KEILALAHDENTIE 4, FIN - 02150 ESPOO
FINLAND Finland
(72)**Name of Inventor :**
1)PIPPURI SAMI

(57) Abstract :

The invention relates to a method, a system, an electronic device and a computer program for providing at least one content stream to an electronic device applying Digital Rights Management (DRM). In the method a master integrity key is obtained in a streaming node. An encrypted master integrity key is obtained in an electronic device. The encrypted master integrity key is decrypted in the electronic device. At least one session integrity key is formed in the streaming node and in the electronic device using at least the master integrity key and the integrity of at least one content stream is protected between the streaming node and the electronic device using the at least one session integrity key.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7337/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :05/12/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : 'METHOD FOR DETERMINING POSITIONAL DATA'

(51) International classification	:G01S 13/87
(31) Priority Document No	:10 2004 027292.1
(32) Priority Date	:04/06/2004
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2005/051586
Filing Date	:11/04/2005
(87) International Publication No	:WO 2005/119293
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)SIEMENS AKTIENGESELLSCHAFT
Address of Applicant :WITTELSBACHGERPLATZ 2, 80333
MUNCHEN, GERMANY Germany
(72)**Name of Inventor :**
1)SOLLACHER, RUDOLF
2)MALINOVSKIY, ALEXEY

(57) Abstract :

The invention relates to a method for determining positional data of at least one node (K1) of a network, said network comprising a number of nodes (K1, ..., Kn), whereby the positional data refers to an internal coordinate system. The method comprises the following steps: a) preparation of positional data for a sub-set (U) of nodes (K3,..., K6), b) determination of separation data (DI-3,..., DI-6) for the at least one node (K1), c) determination or, on repetition of step c), correction of the positional data for the at least one node (K1), depending on the positional data from step a), the separation data determined in step b) and positional data of the at least one node and d) repetition of steps a) to c), until an interruption condition is fulfilled.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6971/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :21/11/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : METHOD OF TREATING MICROBIAL PLANT DISEASES

(51) International classification	:A01N 25/30 ,A01N 37/00	(71) Name of Applicant : 1)THE PROCTER & GAMBLE COMPANY
(31) Priority Document No	:60/565,337	Address of Applicant :ONE PROCTER & GAMBLE
(32) Priority Date	:26/04/2004	PLAZA,CINCINNATI,OHIO 45202,U.S.A. U.S.A.
(33) Name of priority country	:U.S.A.	(72) Name of Inventor :
(86) International Application No	:PCT/US2005/014280	1)LYNCH,MICHAEL
Filing Date	:26/04/2005	2)ISTAVAN,RUDYARD
(87) International Publication No	:WO 2005/104843 A3	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Microbiocidal method for treating and preventing infections in plants, said method employing antimicrobial compositions comprising an organic acid or organic acid mixture and a short-chain anionic surfactant having at least one of a large head group; a branched alkyl chain and an unsaturated alkyl chain.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6972/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :21/11/2006

(43) Publication Date : 22/06/2007

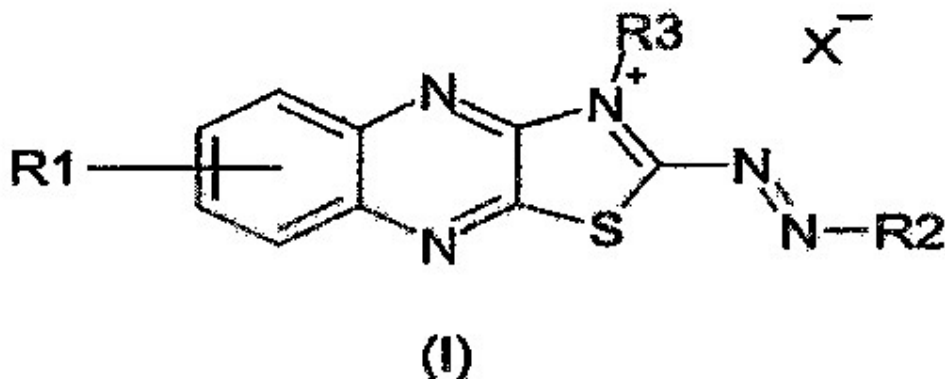
(54) Title of the invention : CATIONIC QUINOXALINE THIAZOLE AZO DYE-CONTAINING COLORANTS

(51) International classification	:A61K 7/13
(31) Priority Document No	:10 2004 027 426.6
(32) Priority Date	:04/06/2004
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2005/003506
Filing Date	:04/04/2005
(87) International Publication No	:WO 2005/117816
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :
1)AKTIENGESELLSCHAFT
Address of Applicant :BERLINER ALLEE 65, 64274 DARMSTADT
(DE) Germany
(72)Name of Inventor :
1)SPECKBACHER, MARKUS
2)BRAUN HANS JURGEN

(57) Abstract :

The invention relates to colorants for keratin fibers, which contain the cationic quinoxaline thiazole azo dyes of general formula (I). Formula Removed



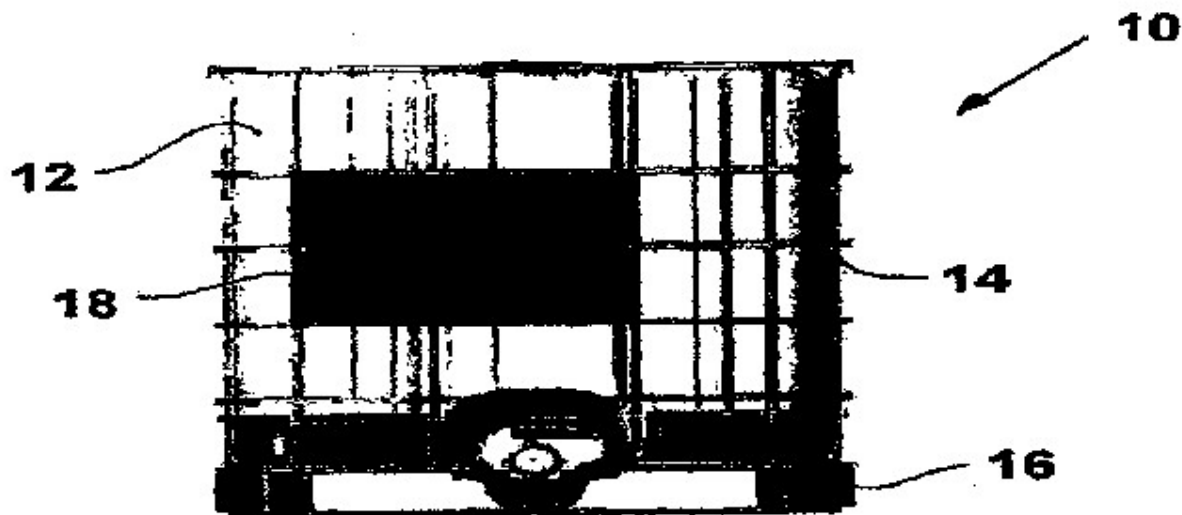
(54) Title of the invention : IDENTIFICATION PANEL FOR PALLET CONTAINER

(51) International classification :B65D 77/04
 (31) Priority Document No :20 2005 006 351.7
 (32) Priority Date :20/04/2005
 (33) Name of priority country :Germany
 (86) International Application No :PCT/EP2006/003325
 Filing Date :11/04/2006
 (87) International Publication No :WO 2006/111303
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :
1)MAUSER-WERKE GMBH &CO.KG
 Address of Applicant :SCHILDGESSTRASSE 71-163,50321
 BRUHL(DE) Germany
 (72)Name of Inventor :
1)WEYRAUCH DETLEV
2)SCHMIDT KLAUS-PETER
3)PRZYTULKLA DIETMAR
4)WURZER ERNST

(57) Abstract :

The present invention relates to a pallet container (10) for storage and transport of liquid or free-flowing materials, including an inner thin-walled plastic container (12) having an upper fill opening and a lower drain valve, a lattice frame (14) disposed in close surrounding relationship to the plastic container (12) and having horizontal and vertical lattice rods (22, 24) which are welded together, and a bottom plate (16) on which the plastic container (12) is supported and on which the lattice frame (14) is mounted. For identifying the respective content, the lattice frame of the pallet container is provided > on the front side on which the discharge fitting is located at the bottom as well as also on its backside with an identification plate (Label Plate) (18) which is easy to mount -without additional aids like retention claims - for stick-on of respective data sheets. Fig. 1



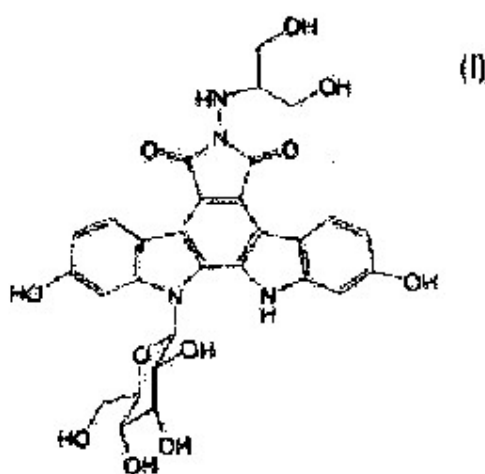
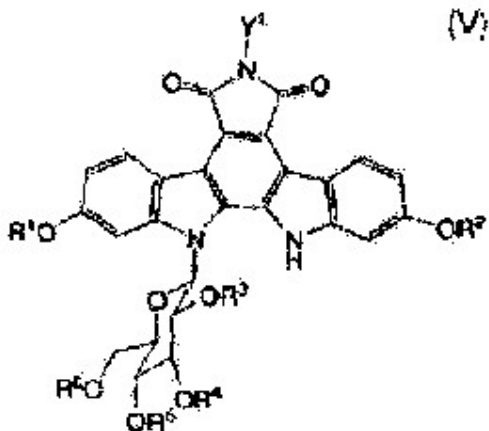
(54) Title of the invention : PROCESS FOR PRODUCING INDOLOPYRROLOCARBAZOLE DERIVATIVE

(51) International classification :C07H 19/23
 (31) Priority Document No :2004-160193
 (32) Priority Date :28/05/2004
 (33) Name of priority country :Japan
 (86) International Application No :PCT/JP2005/009674
 Filing Date :26/05/2005
 (87) International Publication No :WO 2005/116044
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :
1)BANYU PHARMACEUTICAL CO., LTD.
 Address of Applicant :2-3, NIHOMBASHI HONCHO-2CHOME,
 CHUO-KU, TOKYO 1038416 JAPAN Japan
 (72)Name of Inventor :
1)IIDA, TAKEHIKO
2)HIRAGA, SHOUICHI
3)TAKEZAWA, AKIHIRO
4)MASE, TOSHIKI

(57) Abstract :

(Figure Remove) R¹O An industrially preferable process for producing the indolopyrrolocarbazole derivative (1) or a pharmaceutically acceptable salt thereof, which are useful as an anticancer agent. A compound represented by the general formula (V): a solvate thereof, or a salt of either is treated in an inert solvent with a base and then with an acid. The resultant liquid reaction mixture is treated in an inert solvent with a base and then with an acid. Subsequently, the compound obtained is reacted with an acid addition salt of hydrazinediol in the presence of an acid scavenger. The protective group of the resultant compound is removed to produce the indolopyrrolocarbazole derivative represented by the formula (1) or a pharmaceutically acceptable salt thereof.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.6977/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :22/11/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : METHODS FOR REDUCING OR ELIMINATING ALPHA-MANNOSIDASE RESISTANT GLYCANS IN THE PRODUCTION OF GLYCOPROTEINS

(51) International classification :C12N 15/82
(31) Priority Document No :60/620,186
(32) Priority Date :18/10/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2005/051415
Filing Date :29/04/2005
(87) International Publication No :WO 2005/106010
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)GLYCOFI, INC.
Address of Applicant :SUITE 200, 21 LAFAYETTE ST.,
LEBANON NH 03766. US U.S.A.
(72)**Name of Inventor :**
1)BOBROWICZ, PIOTR

(57) Abstract :

The present invention provides methods to reduce or eliminate a-mannosidase resistant glycans on glycoproteins in yeast The reduction or elimination of a-mannosidase resistant glycans on glycoproteins results from the disruption of the newly isolated P. pastor is AMR2 gene encoding pl,2-mannosyltransferase. The present invention also discloses novel genes, polypeptides, antibodies, vectors and host cells relating to a-mannosidase resistance on glycans.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.724/DEL/2006 A

(19) INDIA

(22) Date of filing of Application :17/03/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : "TELESCOPIC SWITCH"

(51) International classification

:H01H
19/00

(31) Priority Document No

:2502806

(32) Priority Date

:31/03/2005

(33) Name of priority country

:Canada

(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 to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)GENERAL ELECTRIC CANADA

Address of Applicant :2300 MEADOWVALE BOULEVARD,
MISSISSAUGA, ONTARIO L5N5P9, CANADA Canada

(72)Name of Inventor :

1)GABOURY DAIEL

2)LAJOIE MARC-ANDRE

(57) Abstract :

A high voltage, high current telescopic disconnect switch (10) suitable for use in isolated phase bus duct has two fixed conductors (14, 16) and a movable telescopic conductor coaxially disposed within the first fixed conductor (14) and movable to a closed position bridging the first and second fixed conductors (14, 16). A plurality of contact fingers (26) are mounted to the fixed conductors (14, 16) and have contact surfaces (42) that extend into engagement with the telescopic conductor (22) to make electrical contact between the fixed conductors (14, 16) through the telescopic conductor (22) when in a closed position. The contact surface of each of the fingers (26) comprises a first tip portion (38) that extends beyond the fixed conductor and has a first radius that is slightly greater than the radius of the telescopic conductor (22) so that the first tip portion (38) presents an arcuate width that overlies in wiping electrical contact the telescopic conductor (22) when in the closed position.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5721/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :29/09/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : "ARYLALKYLAMINO-SUBSTITUTED QUINAZOLINE ANALOGUES"

(51) International classification :A61K 31/505 C07D
215/16
(31) Priority Document No :60/550,216
(32) Priority Date :04/03/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/006697
Filing Date :01/03/2005
(87) International Publication No :WO 2005/087227
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)NEUROGEN CORPORATION
Address of Applicant :35 NORTHEAST INDUSTRIAL ROAD,
BRANFORD, CONNECTICUT 06405, UNITED STATE OF
AMERICA. U.S.A.
(72)**Name of Inventor :**
1)BAKTHAVATCHALAM, RAJAGOPAL
2)CHENARD, BERTRAND, L.
3)PETERSON, JOHN, M.
4)STEENSTRA, CHERYL, K.

(57) Abstract :

Arylalkylamino-substituted quinazoline analogues are provided, of the Formula wherein variables are as described herein. Such compounds are ligands that may be used to modulate specific receptor activity in vivo or in vitro, and are particularly useful in the treatment of conditions associated with pathological receptor activation in humans, domesticated companion animals and livestock animals. Pharmaceutical compositions and methods for using such compounds to treat such disorders are provided, as are methods for using such ligands for receptor localization studies.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5722/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :03/10/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : DOWNLOADING DIFFERENT VERSIONS OF MEDIA FILES BASED ON A TYPE OF DOWNLOAD LINK

(51) International classification	:G06F 17/30, H03M 7/30
(31) Priority Document No	:10/792,547
(32) Priority Date	:02/03/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/IB2005/000524
Filing Date	:01/03/2005
(87) International Publication No	:WO 2005/093604
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)NOKIA CORPORATION
Address of Applicant :KEILALAHDENTIE 4, FIN-02150 ESPOO, FINLAND Finland
(72)**Name of Inventor :**
1)DUGGAN TOM

(57) Abstract :

A system and method of providing media files such as songs or video over a network includes a first and a second transaction, separated by distinct web site visits. In the first transaction, a file provider receives a payment over a network link, selects a first codec is selected based on a type of network link, and downloads a first copy of a media file to a customer that is compressed with the first codec. The provider also promises to download during a second transaction an additional copy of the song. During that second transaction, that or another provider downloads the additional copy of the media file without receiving further payment from the customer. The additional copy is compressed with a second codec that optimizes for the link used in the second transaction. Preferably, the customer concludes with a smaller AAC+ file downloaded to a mobile station and a higher fidelity AAC LTP file downloaded to a PC.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.573/DEL/2006 A

(19) INDIA

(22) Date of filing of Application :06/03/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : "SYSTEMS, METHODS, AND COMPUTER-READABLE MEDIA FOR INVOKING AN ELECTRONIC INK OR HANDWRITING INTERFACE"

(51) International classification

:G06F
3/023

(31) Priority Document No

:11/083,013

(32) Priority Date

:18/03/2005

(33) Name of priority country

:U.S.A.

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)MICROSOFT CORPORATION

Address of Applicant :ONE MICROSOFT WAY, REDMOND,
WASHINGTON 98052, UNITED STATES OF AMERICA. U.S.A.

(72)Name of Inventor :

1)ADRIAN J. GARSIDE

2)F. DAVID JONES

3)JOSH A. CLOW

4)JUDY C. TANDOG

5)LEROY B. KEELY

6)TRACY DIANNE SCHULTZ

(57) Abstract :

User interfaces, methods, systems, and computer-readable media for activating and/or displaying text input systems on display devices may include: (a) displaying a text input system activation target at a user changeable location on a display device; (b) receiving user input directed to the activation target; and (c) activating a text input system in response to the user input. Such user interfaces, methods, and systems further may include (d) displaying a pre-interaction condition of the activation target; (e) receiving user input directed to the activation target in this pre-interaction condition; and (f) changing an appearance of the activation target from the pre-interaction condition to a larger size and/or a different visual appearance in response to this user input. Additional aspects of this invention relate to computer-readable media for providing user interfaces, systems, and methods as described above.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7596/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :15/12/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : "METHOD FOR REDUCING RESIDUAL ALCOHOLS IN CRYSTALLINE VALACYCLOVIR HYDROCHLORIDE"

(51) International classification	:C07D 473/18
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/US2004/020903
Filing Date	:30/06/2004
(87) International Publication No	:WO 2006/011874
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)TEVA PHARMACEUTICALS INDUSTRIES LTD
Address of Applicant :5 BASEL STREET P.O. BOX 3190 PETAH
TIQVA 49131,ISRAEL Israel
(72)**Name of Inventor :**
1)BEN-ZION DOLITZKY
2)IGOR LIFSHITZ

(57) Abstract :

Provided is valacyclovir hydrochlond stable against formation of N'-formylvalacyclovir upon storage at elevated humidity and pharmaceutical compositions including such valacyclovir hydrochlond.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7598/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :15/12/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : "THE REFLECTOR, AN ANTENNA USING A REFLECTOR AND A MANUFACTURING METHOD FOR A REFLECTOR"

(51) International classification :H01Q 13/02
(31) Priority Document No :0401941-0
(32) Priority Date :28/07/2004
(33) Name of priority country :Sweden
(86) International Application No :PCT/SE2005/001178
Filing Date :25/07/2005
(87) International Publication No :WO 2006/011844
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)POWERWAVE TECHNOLOGIES SWEDEN AB
Address of Applicant :ANTENNVAGEN 6,S-187 80
TABY,SWEDEN Sweden
(72)**Name of Inventor :**
1)CHRISTOFER LINDBERG
2)JESPER UDDIN
3)JOHN EDLUND
4)PER-ARVID ARVIDSSON

(57) Abstract :

The present invention relates to a reflector (20; 30; 40) for use in an antenna (10; 50). The reflector (20; 30; 40) is arranged to be used as an earth plane of the antenna (10) and the reflector is corrugated to form current pockets. The reflector (20; 30; 40) comprises at least two separate parts (21, 22; 21. 22, 31. 32; 41, 42), and the parts are electrically coupled to each other to commonly form the earth plane of the antenna (10; 50). The invention also relates to an antenna including a reflector, and to a method for manufacturing a reflector.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.719/DEL/2006 A

(19) INDIA

(22) Date of filing of Application :17/03/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : METHOD FOR FORMING A POROUS REACTION INJECTION MOLDED CHEMICAL MECHANICAL POLISHING PAD

(51) International classification

:B24B
1/100

(31) Priority Document No

:60/669,321

(32) Priority Date

:06/04/2005

(33) Name of priority country

:U.S.A.

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)ROHM AND HAAS ELECTRONIC MATERIALS CMP HOLDINGS, INC.

Address of Applicant :451 BELLEVUE ROAD, NEWARK, DE 19713, UNITED STATES OF AMERICA U.S.A.

(72)Name of Inventor :

1)DAVID B. JAMES

2)JOHN V.H. ROBERTS

(57) Abstract :

The present invention provides a method of forming a chemical mechanical polishing pad comprising, providing a tank with polymeric materials, providing a storage silo with microspheres and providing an isocyanate storage tank with isocyanates. The invention further provides delivering the polymeric materials and the microspheres to a premix prep tank, forming a pre-mixture of the polymeric materials and the microspheres, delivering the pre-mixture to a premix run tank and forming a mixture of the pre-mixture and the isocyanates. Further the invention provides injecting the mixture into a closed mold, curing the polishing pad in the mold and degassing at least one of the tank, isocyanate storage tank and the mold.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7380/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :06/12/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : "METHOD AND SYSTEM FOR SOLUBILIZING PROTEIN".

(51) International classification	:A23J 1/00,A23J 3/04 ,A23K 1/10	(71) Name of Applicant : 1)THE TEXAS A & M UNIVERSITY SYSTEM Address of Applicant :TECHNOLOGY LICENSING OFFICE, 3369 TAMU, COLLEGE STATION, TX 77843 (US) U.S.A.
(31) Priority Document No	:60/576,180	
(32) Priority Date	:01/06/2004	
(33) Name of priority country	:U.S.A.	(72) Name of Inventor :
(86) International Application No	:PCT/US2005/019497	1)HOLTZAPPLE, MARK, T.
Filing Date	:01/06/2005	2)DAVISON,RICHARD
(87) International Publication No	:NA	3)GRANDA, CESAR
(61) Patent of Addition to Application Number	:NA	4)NOYES, GRAY, P.
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method of solubilizing protein including adding an alkali, such as lime, and heating to produce a reaction liquid then separating solids from the reaction liquid followed by neutralizing the reaction liquid to produce a neutralized liquid. The method then includes concentrating the neutralized liquid and returning water to the reaction. The disclosure also includes systems for conducting such a method.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7460/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :11/12/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : "N-HYDROXYAMIDE DERIVATIVES AND USE THEREOF"

(51) International classification	:C07D 213/74,A61K 31/496,A61P 29/00	(71)Name of Applicant : 1)APPLIED RESEARCH SYSTEMS ARS HOLDINGS N.V. Address of Applicant :PIETERMAAI 15,CURACAO NETHERLANDS ANTILLES Netherlands
(31) Priority Document No	:04103574.2	(72)Name of Inventor :
(32) Priority Date	:26/07/2004	1)DOMINIQUE SWINNEN
(33) Name of priority country	:EUROPEAN UNION	2)AGNES BOMBRUN
(86) International Application No	:PCT/EP05/053616	3)JEROME GONZALEZ
Filing Date	:25/07/2005	4)STEFANO CROSIGNANI
(87) International Publication No	:WO 2006/010751	5)PATRICK GERBER
(61) Patent of Addition to Application Number	:NA	6)CATHERINE JORAND -LEBRUN
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention is related to N-hydroxyamide derivatives of Formula (I) and use thereof in particular for the treatment and/or prophylaxis of autoimmune disorders, inflammatory diseases, cardiovascular diseases, neurodegenerative diseases, cancer, respiratory diseases and fibrosis, including multiple sclerosis, arthritis, emphysema, chronic obstructive pulmonary disease, liver and pulmonary fibrosis.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7462/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :11/12/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : "HOT RUNNER COINJECTION NOZZLE WITH THERMALLY SEPARATED MELT CHANNELS"

(51) International classification	:B29C 45/20 , B29C 45/26	(71)Name of Applicant : 1)HUSKY INJECTION MOLDING SYSTEMS LTD
(31) Priority Document No	:10/880,494	Address of Applicant :500 QUEEN STREET SOUTH BOLTON
(32) Priority Date	:01/07/2004	ONTARIO L7E 5S5 CANADA Canada
(33) Name of priority country	:U.S.A.	(72)Name of Inventor :
(86) International Application No	:PCT/CA05/000902	1)RAYMOND J.ROSNER
Filing Date	:10/06/2005	
(87) International Publication No	:WO 2006/002518	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Coinjection molding nozzle apparatus "(16) and method includes jaw" "<8 P structure and/or steps whereby a first nozzle melt flnaitnoj. (202) is kept thermally separated from a second nozzle melt channel (203). Preferably, grooves (213, 214) in the nozzle body (200) or a separate nozzle pipe (103) keep the first (202) and second (203) nozzle melt channels thermally separated. Preferably, a highly thermally conductive nozzle tip (206) is removably coupled to the nozzle body (200) and includes first (202) and second (203) nozzle tip melt channels that merge together before the mold gate.

(54) Title of the invention : "JR ICE COOL FAN"

(51) International classification	:F25D 3/00
(31) Priority Document No	:10/861,398
(32) Priority Date	:07/06/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2005/019260
Filing Date	:03/06/2005
(87) International Publication No	:WO 2005/121665
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)JESSEY, ROGER

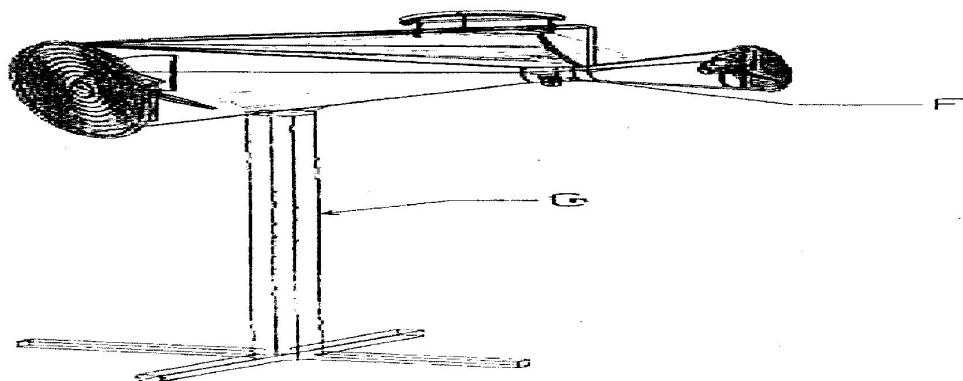
Address of Applicant :JR ENGINEERING, 151-C25 SOUTH BISHOP AVENUE, SECANE, PA 19018 US U.S.A.

(72)Name of Inventor :

1)JESSEY, ROGER

(57) Abstract :

The present invention consists of a system directly related to air blowing fans, but JR Ice Cool Fan is designed to create water vapor in the blowout air. The complete assembly includes a rear small funnel (Zone 1), center connecting tube (Zone 2), where the water release port is situated, float assembly, large front funnel (Zone 3) and two fans. The rear fan will draw the air from the rear and force it towards (Zone 2) at the same time the air will get contracted once the air passes the water release port, it will get mixed with water. Again the blowout fan in the front (Zone 3) creates a suction at (Zone 2) that again creates a high velocity in (Zone 2) which will draw out the water efficiently at the water release port. Once the water mixed air get into the (Zone 3), it will experience expansion that will again allow the water to better mix with the air homogeneously before it is blown out. Water to air mix is adjustable; when water release screw is screwed out, the water to air will be less. If the screw is screwed in, the water to air will be more. JR Ice Cool Fan comes with face horizontal and face vertical down. This principle can be practiced on straight tubes instead of the funnels, but it won't be that efficient.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.7339/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :05/12/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : "A PROCESS FOR THE PRODUCTION OF AN OLEFIN OXIDE. A 1,2-DIOL ETHER, OR AN ALKA-NOLAMINE"

(51) International classification :C07D 301/10
(31) Priority Document No :60/581,070
(32) Priority Date :18/06/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/021356
Filing Date :16/06/2005
(87) International Publication No :WO 2006/028544
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)SHELL INTERNATIONAL RESEARCH MAATSCHAPPIJ B.V.,
Address of Applicant :CAREL VAN BYLANDTLAAN 30, NL-2596 HR THE HAGUE NETHERLANDS. Netherlands
(72)**Name of Inventor :**
1)RUBINSTEIN LEONID ISAAKOVICH
2)YEATES RANDALL CLAYTON

(57) Abstract :

A process is provided for the epoxidation of an olefin comprising the steps of: contacting a feed comprising an olefin and oxygen with a catalyst comprising a silver component deposited on a fluoride-mineralized carrier; and producing a product mix comprising an olefin oxide, wherein the partial pressure of olefin oxide in the product mix is greater than 60 kPa. A process is provided for the epoxidation of an olefin comprising the steps of: contacting a feed comprising an olefin and oxygen with a catalyst comprising a silver component and a high-selectivity dopant deposited on a fluoride-mineralized carrier; and producing a product mix comprising an olefin oxide, wherein the partial pressure of olefin oxide in the product mix is greater than 20 kPa.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7340/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :05/12/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : "A PROCESS FOR THE PRODUCTION OF AN OLEFIN OXIDE, A1,2 -DIOL ETHER,OR AN ALKA - NOLAMINE"

(51) International classification :C07D 301/10
(31) Priority Document No :60/581,302
(32) Priority Date :18/06/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/021233
Filing Date :16/06/2005
(87) International Publication No :WO 2006/009756
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ
B.V
Address of Applicant :CAREL VAN BYLANDTLAAN 30 NL -2596
HR THE HAGUE NETHERLAND. Netherlands
(72)**Name of Inventor :**
1)RUBINSTEIN LEONID ISAAKOVICH
2)YEATES RANDALL CLAYTON

(57) Abstract :

A process is provided for the epoxidation of an olefin comprising the steps of: contacting a feed comprising an olefin and oxygen with a catalyst comprising a silver component and a high-selectivity dopant deposited on a fluoride-mineralized carrier; and producing a product mix comprising an olefin oxide, wherein the concentration of carbon dioxide in the feed is less than 2 mole-%, relative to the total feed.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7344/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :05/12/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : "METHOD FOR PERFORMING HANDOVER IN BROADBAND WIRELESS ACCESS SYSTEM"

(51) International classification	:H04Q 7/38 , H04L 12/28
(31) Priority Document No	:10-2004-0042642
(32) Priority Date	:10/06/2004
(33) Name of priority country	:Republic of Korea
(86) International Application No	:PCT/KR2005/001766
Filing Date	:10/06/2005
(87) International Publication No	:WO 2005/120183
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)LG ELECTRONICS INC
Address of Applicant :20, YOIDO-DONG, YOUNGDUNGPO-GU, SEOUL, 150-721 (KR) Republic of Korea
(72)**Name of Inventor :**
1)KIM, YONG HO
2)CHO, KI HYOUNG

(57) Abstract :

Handover execution and communication resumption in a wireless access system is provided. Performing a handover includes communicating with a serving base station through a first communication link and receiving from the serving base station, handover information associated with at least one candidate target base station. The method also includes transmitting handover indicator to the serving base station indicating a handover operation to a selected target base station and performing a ranging procedure with the selected target base station to establish a second communication link with the selected target base station while maintaining the first communication link with the serving base station. The method also includes being released from the serving base station in response to a handover complete status message from the selected target base station to the serving base station, or resuming normal communication with the serving base station if the handover fails with the selected target base station.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7348/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :05/12/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : "METHOD AND APPARATUS FOR OPTIMIZING CELL OPERATION TOWARD BETTER SPEECH QUALITY IN WIRELESS PACKET-SWITCHING NETWORKS"

(51) International classification :H04Q 7/20
(31) Priority Document No :10/888,691
(32) Priority Date :09/07/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/024325
Filing Date :07/07/2005
(87) International Publication No :WO 2006/010024
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)CISCO TECHNOLOGY, INC
Address of Applicant :170 WEST TASMAN DRIVE, SAN JOSE,
CA 95134, USA U.S.A.
(72)**Name of Inventor :**
1)XIAODE XU
2)DAVID SHELDON STEPHENSON
3)WENFENG HUANG
4)HUIZHAO WANG
5)ARNOLD MARK BILSTAD

(57) Abstract :

An apparatus and method for switching a mobile processing device (130) from communicating over a wireless connection (131) with a first base unit (110) to a second base unit (111, 112 or 113) based upon latency. In accordance with this invention, the mobile processing device determines latency information for packets being transmitted over the wireless connection to and from a base unit. The latency information is compared to a threshold value. If the latency information is greater than the threshold value, the mobile processing device adjusts parameters of the wireless connection between the mobile processing device and the network.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7355/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :06/12/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : "TACTICAL GEAR RECEPTACLE WITH ACCESSORIES MOUNTING RAIL"

(51) International classification	:F41C 33/02
(31) Priority Document No	:10/842,480
(32) Priority Date	:11/05/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/IL05/000502
Filing Date	:11/05/2005
(87) International Publication No	:WO 2005/108904
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)DOV PIKIELNY

Address of Applicant :7 DOV HOZ STREET, 46581
HERZLIYA,ISRAEL Israel

(72)Name of Inventor :

1)DOV PIKIELNY

(57) Abstract :

A tactical gear receptacle including a carrying apparatus affixed on a first side thereof, the carrying apparatus being adapted to support at least a partial weight of the tactical gear receptacle when the tactical gear receptacle is carried, and a light rail affixed to a second side of the tactical gear receptacle.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6644/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :09/11/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : "INDUCATANCE CONTACTLESS STARTER"

(51) International classification	:H02P 1/42
(31) Priority Document No	:200410065370.X
(32) Priority Date	:24/11/2004
(33) Name of priority country	:China
(86) International Application No	:PCT/CN2005/000198
Filing Date	:18/02/2005
(87) International Publication No	:WO 2006/056106
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)CHANGSHU TIANYIN ELECTROMECHANICAL CO, LTD

Address of Applicant :NO.8 YINGBIN ROAD XINGANG TOWN
CHANGSHU JIANGSU 215500,P.R.CHINA China

(72)Name of Inventor :

1)ZHAO,YUNWEN

(57) Abstract :

Inductive Contactless Starter Abstract An inductive contactless starter for single-phase AC motor, comprising aLcurrent mutual-inductor and a triac. One terminal of secondary coil of the current mutual-inductor can be connected to the gate electrode of the triac, the other terminal can be both connected to the first electrode of the triac and the terminal of secondary winding of the motor. The two terminals of primary coil of the current mutual-inductor can be connected to the motor and the power supply. By sampling relevant current signals with the current mutual-inductor, the starter can control heat loss of the current sampling system effectively down to milliwatt level (i.e., the starter is a "zero power loss" starter for single-phase AC motors), and thereby improve energy efficiency greatly. Additionally, the starter has a simple circuit and fewer components and is reliable, improving reliability of the electric starter system while delivering electric starting function.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7699/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :19/12/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : "PHARMACEUTICALLY ELEGANT, TOPICAL ANHYDROUS AEROSOL FOAM"

(51) International classification	:A61K 7/48
(31) Priority Document No	:10/875,470
(32) Priority Date	:24/06/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2005/021229
Filing Date	:16/06/2005
(87) International Publication No	:WO 2006/031271
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)DPT LABORATORIES , LTD.,
Address of Applicant :318 MCCULLOUGH,SAN
ANTONIO,TEXAS 78215,USA. U.S.A.
(72)**Name of Inventor :**
1)AUST DUNCAN T.,
2)JONES DAVID P.,
3)SHAH BLAVESH P.,

(57) Abstract :

A topical pharmaceutical aerosol foam containing liquid silicoilesllb fehnance cosmetic elegance. Although liquid silicones are inherent defoamers, a high quality, stable foam is produced.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7700/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :19/12/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : "USE OF FACTOR VIIA OR FACTOR VIIA EQUIVALENTS FOR PREVENTING OR ATTENUATING HAEMORRHAGE GROWTH,AND /OR OEDEMA GENERATION FOLLOWING INTRACEREBRAL HAEMORRHAGE (ICH)"

(51) International classification	:A61K 38/48	(71) Name of Applicant :
(31) Priority Document No	:PA 2004 00972	1)NOVO NORDISK HEALTH CARE AG.,
(32) Priority Date	:21/06/2004	Address of Applicant :ANDREASSTRASSE 15,CH-8050
(33) Name of priority country	:Denmark	ZURICH,SWITZERLAND. Switzerland
(86) International Application No	:PCT/EP2005/052890	(72) Name of Inventor :
Filing Date	:21/06/2005	1)BRUN NIKOLAI CONSTANTIN
(87) International Publication No	:WO 2005/123118	2)ERHARDTSEN ELISABETH
(61) Patent of Addition to Application Number	:NA	3)SKOLNICK BRETT E.,
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to the use of Factor Vila or a Factor Vila equivalent for the manufacture of a medicament for preventing complications in ICH patients.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7701/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :19/12/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : "A METAL CHELATE COMPOUND"

(51) International classification	:B41B
(31) Priority Document No	:0217443.1
(32) Priority Date	:27/07/2002
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/GB2003/002106
Filing Date	:16/05/2003
(87) International Publication No	:WO 04/011560
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:
Filed on	:01/01/1900

(71)**Name of Applicant :**
1)FUJIFILM IMAGING COLORANTS LIMITED
Address of Applicant :HEXAGON TOWER, BLACKLEY,
MANCHESTER, M9 8ZS, UK U.K.
(72)**Name of Inventor :**
1)GAVIN WRIGHT

(57) Abstract :

This invention relates to compounds, to inks and to their use in ink jet printing ("UP"). UP is a non-impact printing technique in which droplets of ink are ejected through a fine nozzle onto a substrate without bringing the nozzle into contact with the substrate.

(54) Title of the invention : "METHODS FOR PREPARING IMMUNOGENIC CONJUGATES"

(51) International classification :A61K 39/385
 (31) Priority Document No :PCT/US04/017736
 (32) Priority Date :04/06/2004
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2005/019678
 Filing Date :03/06/2005
 (87) International Publication No :WO 2005/117965
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

1)THE GOVERNMENT OF THE UNITED STATES OF AMERICA AS REPRESENTED BY THE SECRETARY OF THE DEPARTMENT OF

Address of Applicant :NATIONAL INSTITUTES OF HEALTH, OFFICE OF TECHNOLOGY TRANSFER, 6011 EXECUTIVE BOULEVARD, SUITE 325, ROCKVILLE, MD 20852-3804, USA U.S.A.

(72)Name of Inventor :

- 1)RACHEL SCHNEERSON**
2)JOANNA KUBLER-KIELB
3)FATHY MAJADLY
4)STEPHEN H. LEPLA
5)JOHN B. ROBBINS
6)DARRELL T. LIU
7)JOSEPH SHILOACH

(57) Abstract :

Methods for making an immunogenic conjugate that includes a hapten or an antigen covalently linked to a carrier. The methods include reacting a first agent with a dihydrazide resulting in a hydrazino-modified first agent, wherein the first agent is a hapten, an antigen or a carrier; reacting a second agent with a benzaldehyde compound resulting in a benzaldehyde-modified second agent, wherein the second agent is a hapten, an antigen or a carrier, provided that the first agent or the second agent is a carrier; and reacting the hydrazino-modified first agent with the benzaldehyde-modified second agent resulting in an immunogenic conjugate comprising a hapten or an antigen covalently linked to a carrier via a hydrazone linkage.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7925/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :27/12/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : SESSION SET-UP FOR TIME-CRITICAL SERVICES

(51) International classification	:H04L29/06; H04L29/06	(71) Name of Applicant : 1)NOKIA CORPORATION Address of Applicant :KEILALAHDENTIE 4, FIN-02150 ESPOO, FINLAND Finland
(31) Priority Document No	:04014033.7	(72) Name of Inventor :
(32) Priority Date	:15/06/2004	1)VIMPARI, MARKKU
(33) Name of priority country	:EUROPEAN UNION	2)ROTSTEN, KIRSI
(86) International Application No	:PCT/IB2005/001428	3)STURE, MARCO
Filing Date	:25/05/2005	4)KUURE, PEKKA
(87) International Publication No	:WO 2006/000853	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A session set-up for communicating data via a data network is disclosed. First, a session establishment between a communication apparatus and a serving entity is requested for a service from the serving entity supporting the service. Then, when a requirement of a user connection for the service is determined, an association with a data network for the service is activated via a core network.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7599/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :15/12/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : "A SYSTEM AND METHOD FOR MANAGING DETRIMENTAL CARDIAC REMODELLING"

(51) International classification	:A61N 1/36
(31) Priority Document No	:60/575,121
(32) Priority Date	:28/05/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2005/019089
Filing Date	:31/05/2005
(87) International Publication No	:WO 2005/118062
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)MORTON M. MOWER, M.D
Address of Applicant :3908 NORTH CHARLES STREET, #1001,
BALTIMORE, MD 21218, USA U.S.A.
(72)**Name of Inventor :**
1)MORTON M. MOWER, M.D

(57) Abstract :

A system and method for managing and inhibiting cardiac remodeling in MI patients. Bi-ventricular stimulation is constantly provided with and without sensing to encourage normal pumping of the heart on a consistent basis. Pulses are administered using an anodal pulse followed by acathodal pulse to stimulate cardiac muscle contraction. Stem cells are administered to MI areas to encourage regeneration of cardiac tissue in the damaged area. Stimulation may be provide to both healthy and compromised cardiac tissue.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7601/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :15/12/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : "METHODS OF DEVICE-ASSISTED DRUG DELIVERY"

(51) International classification	:A61K 9/70
(31) Priority Document No	:10/945,593
(32) Priority Date	:21/09/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2005/033617
Filing Date	:20/09/2005
(87) International Publication No	:WO 2006/034255
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)BIOCHEMICS, INC.
Address of Applicant :99 ROSEWOOD DRIVE, SUITE 260,
DANVERS, MASSACHUSETTS 01923, U.S.A. U.S.A.
(72)**Name of Inventor :**
1)STEPHEN G. CARTER
2)ZHEN ZHU
3)KANU PATEL

(57) Abstract :

This invention describes the simultaneous or sequential administration of therapeutic or diagnostic agents using different devices in combination with a chemical formulation that incorporates or uses vasomodulatory chemical agents as part of the drug delivery vehicle. Methods include the addition of various vasodilatory and vasoconstructive agents to enhance the systemic or localized tissue delivery of therapeutic or diagnostic agents delivered into a body through the use of an apparatus or device.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7603/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :15/12/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : "SIGNAL ACQUISITION IN A WIRELESS COMMUNICATION SYSTEM"

(51) International classification	:H04L 27/00
(31) Priority Document No	:60/580,809
(32) Priority Date	:18/06/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2005/021051
Filing Date	:14/06/2005
(87) International Publication No	:WO 2006/009711
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)QUALCOMM INCORPORATED

Address of Applicant :5775 MOREHOUSE DRIVE SAN DIEGO
CALIFORNIA 92121-1714 UNITED STATES OF AMERICA U.S.A.

(72)Name of Inventor :

1)AAMOD KHANDEKAR

2)AVNEESH AGRAWAL

(57) Abstract :

Each base station transmits a TDM pilot 1 having multiple instances of a pilot-1 sequence generated with a PN1 sequence and a TDM pilot 2 having at least one instance of a pilot-2 sequence generated with a PN2 sequence. Each base station is assigned a specific PN2 sequence that uniquely identifies that base station. A terminal uses TDM pilot 1 to detect for the presence of a signal and uses TDM pilot 2 to identify base stations and obtain accurate timing. For signal detection, the terminal performs delayed correlation on received samples and determines whether a signal is present. If a signal is detected, the terminal performs direct correlation on the received samples with PN1 sequences for K, different time offsets and identifies K2 strongest TDM pilot 1 instances. For time synchronization, the terminal performs direct correlation on the received samples with PN2 sequences to detect for TDM pilot

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7605/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :15/12/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : "SIGNAL PROCESSING APPARATUS"

(51) International classification

:G06F 15/80

(31) Priority Document No

:P2005-148301

(32) Priority Date

:20/05/2005

(33) Name of priority country

:Japan

(86) International Application No

:PCT/JP2006/310174

Filing Date

:22/05/2006

(87) International Publication No

:WO 2006/123822

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)SONY CORPORATION

Address of Applicant :7-35,KITASHINAGAWA 6-CHOME,SHINAGAWA-KU,TOKYO 141-0001,JAPAN Japan

(72)Name of Inventor :

1)YUJI YAMAGUCHI

2)MASATOSHI IMAI

3)TOSHIHARU NODA

4)NAOSUKE ASARI

5)TOMOO MITSUNAGA

6)MITSU HARU OHKI

7)KAZUMASA ITO

8)HIDETOSHI NAGANO

9)SUMITO ARAKAWA

10)KEI ITO

(57) Abstract :

A signal processing apparatus able to raise a processing capability in processing accompanying access to a storing means is provided. Stream control units (SCU) 203_0 to 203_3 access data at an external memory system or local memories 204_0 to 204_3 according to a thread under control from a host processor. Processor units (PU) arrays 202_0 to 202_3 perform image processing by a different thread from the thread of the SCUs 203_0 to 203_3.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7606/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :15/12/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : "NON-RECOMBINANT SACCHAROMYCES STRAINS THAT GROW ON XYLOSE"

(51) International classification	:C12N 15/04
(31) Priority Document No	:2004903141
(32) Priority Date	:08/06/2004
(33) Name of priority country	:Australia
(86) International Application No	:PCT/AU2005/000824
Filing Date	:08/06/2005
(87) International Publication No	:WO 2005/121337
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)MICROBIOGEN PTY LTD
Address of Applicant :C/O DEPARTMENT OF BIOLOGICAL
SCIENCES MACQUARIE UNIVERSITY SYDNEY NEW SOUTH
WALES 2109 AUSTRALIA Australia
(72)**Name of Inventor :**
1)BELL PHILIP JOHN LIVINGSTON
2)ATTFIELD PAUL VICTOR

(57) Abstract :

The present invention relates to methods for producing Saccharomyces strains that are capable of growth on xylose as a sole carbon source at a desired growth rate, (such as at least one generation per 48 hours), strains made by such methods, and Saccharomyces strains that grow at a growth rate of at least one generation per 48 hours using xylose as a sole carbon source for growth made by non-recombinant methods.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5114/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :05/09/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : "STABILISED SUPERSATURATED SOLID SOLUTIONS OF STEROIDAL DRUGS "

(51) International classification	:A61K 9/14
(31) Priority Document No	:14075714.8
(32) Priority Date	:10/03/2004
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/IB2005/000748
Filing Date	:10/03/2005
(87) International Publication No	:WO 2005/087199
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)SCHERING AKTIENGESELLSCHAFT.
Address of Applicant :MULLERSTRASSE 178, 13353 BERLIN, GERMANY. Germany
(72)**Name of Inventor :**
1)ADRIAN FUNKE
2)TORSTEN WAGNER
3)RALPH LIPP

(57) Abstract :

The present invention relates to a pharmaceutical composition with improved dissolution of lipophilic drugs in an aqueous medium. It is found that pharmaceutical compositions comprising a powder of lipophilic compounds, such as hormones and steroids (e.g. drospirenone and estradiol valerate), on molecularly dispersed form together with a carrier having a specific surface area of at least 250 m²/g/ such as silica dioxide, e.g. silica dioxide marketed under the name Aeroperl®, has improved dissolution properties of the lipophilic drug.

(54) Title of the invention : "UNIT DOSE DRY POWDER INHALER"

(51) International classification	:A61M 15/00
(31) Priority Document No	:60/575,137
(32) Priority Date	:28/05/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/GB2005/002094
Filing Date	:26/05/2005
(87) International Publication No	:WO 2005/118035
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

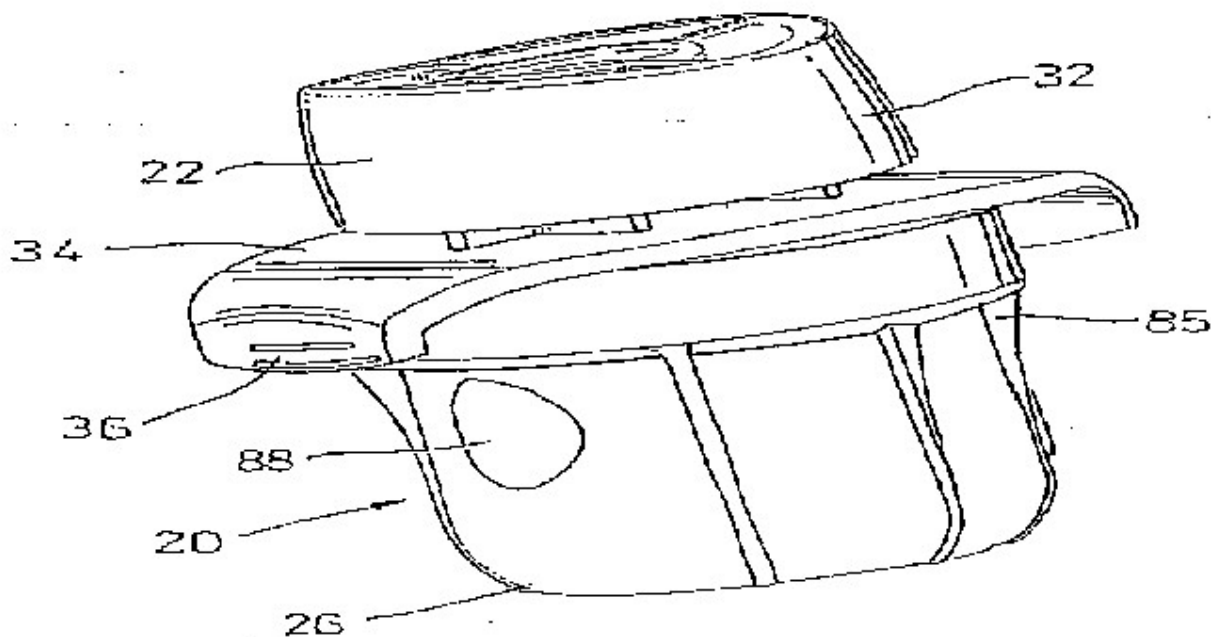
1)QUADRANT TECHNOLOGIES LIMITEDAddress of Applicant :1 MERE WAY, RUDDINGTON,
NOTTINGHAM NG11 6JS, GREAT BRITAIN. U.K.

(72)Name of Inventor :

1)MATTHEW E. YOUNG**2)NEIL RICHARD HARRISON****3)STUART BRIAN WILLIAM KAY****4)MICHAEL W. LIGOTKE**

(57) Abstract :

A unit dose dry powder inhaler (20) includes a chamber housing (100) containing a powder dispersion chamber (45). A chamber tube (40) extends from the dispersion chamber into the mouthpiece (32). A cover or cup (26) is rotatably attached to chamber housing. A dose of a dry powder (92) is contained at a powder location (74) in the chamber housing. An air passageway leading from the powder location to the dispersion chamber is closed off by the cover. When the cover is rotated to an open position, the air passageway is opened. The user inhales on the mouthpiece drawing air through the powder location, the air passageway, the dispersion chamber and the chamber tube, through the mouthpiece and into the users lungs. The unit dose of dry powder is stored directly in, or is part of, the inhaler.



(54) Title of the invention : "SILYLATED CARBOXAMIDES"

(51) International classification :C07F7/10;C07F7/00
 (31) Priority Document No :102004012901.0
 (32) Priority Date :17/03/2004
 (33) Name of priority country :Germany
 (86) International Application No :PCT/EP2005/002284
 Filing Date :04/03/2005
 (87) International Publication No :WO 2005/095392
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

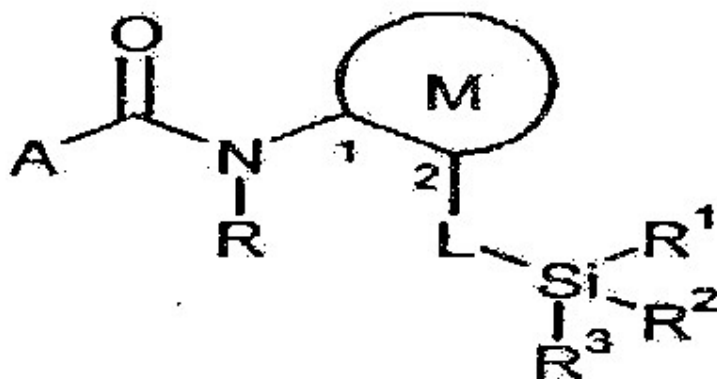
1)BAYER CROPSCIENCE AGAddress of Applicant :Alfred-Nobel-Str. 50, 40789 Monheim,
Germany. Germany

(72)Name of Inventor :

1)RALF DUNKEL,**2)HANS-LUDWING ELBE****3)BENOIT HARTMANN****4)JORG NICO GREUL****5)ALEXANDER KLAUSENER****6)STEFAN HERRMANN****7)RONALD EBBERT****8)PETER DAHMEN****9)KARL-HEINZ KUCK****10)ULRIKE WACHENDORFF- NEUMANN**

(57) Abstract :

The invention relates to novel silylated carboxamides of formula (I), where M, L, R¹, R², R³, R and A have the meanings given in the description, several methods for production of said materials, the use thereof for the prevention of undesired microorganisms, novel intermediates and the production thereof.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.7999/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :29/12/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : "POWER EXTRACTOR CIRCUIT"

(51) International classification	:H02J 7/00
(31) Priority Document No	:10/884,127
(32) Priority Date	:01/07/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2005/023309
Filing Date	:30/06/2005
(87) International Publication No	:WO 2006/007524
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71) Name of Applicant : 1)STEFAN MATAN Address of Applicant :487 WILLOW COURT, NOVATO, CA 94945, USA U.S.A.
(72) Name of Inventor : 1)STEFAN MATAN

(57) Abstract :

The present invention discloses power extractor circuit used to capture the power of a solar cell array during its less-than-optimum conditions. Under reduced incident solar radiation, the low power level supplied by the solar cell array normally would not be adequate to operating a load, but with the presence of the power extractor circuit, the low power generated by the solar panel would be accumulated to a high enough level to overcome the energy barrier of the battery or the load. The power extractor circuit preferably comprises a voltage and current booster circuit, and is designed to operated at all power levels of the solar cell array: low power level to provide the booster function during the low power period of the solar cell array, and high power level to prevent component failure during the normal operation of the solar cell array. Many power extractor circuits can also be installed in series to cover a wide range of power level of the solar cell array. The present invention power extractor circuit can also be used in other power sources to utilize the portion of power which normally would have been lost.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8/DELNP/2007 A

(19) INDIA

(22) Date of filing of Application :02/01/2007

(43) Publication Date : 22/06/2007

(54) Title of the invention : "METHOD AND APPARATUS FOR FORMING CRACKS IN CONCRETE"

(51) International classification	:E01C 23/09
(31) Priority Document No	:2004903639
(32) Priority Date	:05/07/2004
(33) Name of priority country	:Australia
(86) International Application No	:PCT/AU2005/000986
Filing Date	:04/07/2005
(87) International Publication No	:WO 2006/002486
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)CONCRETE SLAB TECHNOLOGY PTY LTD.

Address of Applicant :LEVEL 2, 67 ASTOR TERRACE, SPRING HILL, BRISBANE, QUEENSLAND 4004, AUSTRALIA. Australia

(72)Name of Inventor :

1)COCKERELL ALLAN DAVID

(57) Abstract :

A method of forming at least one crack (11) in a concrete article such as a concrete slab (10) having at least one crack promoting groove (28) formed in the surface (25) thereof and/or at least one crack promoting insert (12) cast within the concrete slab (10) and substantially aligned with the groove (28) where used, the method comprising the steps of positioning a tool (24) having a force applying member (26) on or above the surface (25) of the concrete slab (10) such that the member (26) is positioned adjacent to or above a groove (28) and/or insert (12) and causing the tool (24) to apply through the member (26) a force to the concrete slab (10) to promote the formation of a crack or cracks (11) in the slab (10) along a groove (28) and/or insert (12). Apparatus for forming a crack in a concrete article is also disclosed.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7361/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :06/12/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : "ABSORBENT ARTICLE COMPRISING AN ELASTIC LAMINATE"

(51) International classification	:A61F 13/15 ,A61F 13/51,A61F 13/551
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/SE2004/001005
Filing Date	:22/06/2004
(87) International Publication No	:WO 2005/122985
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)SCA HYGIENE PRODUCTS AB
Address of Applicant :S - 405 03 GOTEBORG SWEDEN Sweden
(72)**Name of Inventor :**
1)ELISABETH LAKSO
2)JENNY HILDEBERG

(57) Abstract :

A pant type absorbent article such as a pant diaper, a sanitary pant or incontinence pant, said article having a core region (3) comprising an absorbent core (2) and a chassis region (4) surrounding the core region. The article at least in part of the chassis region comprises a outer coversheet (10) in the form of an elastic laminate (11) having puncture resistance of at least 15N, wherein the laminate is composed of first and second layers of fibrous material (12a, 12b) and an elastic film layer (13) located between said first and second fibrous layers and in which at least one of the layers of fibrous material (12a, 12b) has an elongation at maximum load greater than the elasticity of the elastic laminate (11).

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7363/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :06/12/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : "PROCESS FOR PREPARING 2-OCO-1-PYRROLIDINE DERIVATIVES BY INTRAMOLECULAR ALLYLATION"

(51) International classification :C07D 207/26
(31) Priority Document No :04013715.0
(32) Priority Date :11/06/2004
(33) Name of priority country :EUROPEAN UNION
(86) International Application No :PCT/EP2005/005689
Filing Date :26/05/2005
(87) International Publication No :WO 2005/121082
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)UCB S.A
Address of Applicant :ALLE DE LA RECHERCHE, 60, B-1070
BRUXELLES, BELGIUM Belgium
(72)**Name of Inventor :**
1)FRANCOISE LURQUIN
2)FRANK DRIESSENS
3)MICHEL CALLAERT

(57) Abstract :

The present invention relates to a new process for preparing 2-oxo-1-pyrrolidine derivatives of general formula (I), comprising the cyclisation of an intermediate of general formula (II) wherein the sub-stituents are as defined in the specification.

(54) Title of the invention : "RECYCLING 2, 6-NAPHTHALENEDICARBOXYLIC ACID (2, 6-NDA) CONTAINED IN POLYETHYLENE NAPHTHALATE IN A PROCESS TO PRODUCE DIESTERS"

(51) International classification :C07C 67/08 ,C07C 67/52 ,C07C 69/76
 (31) Priority Document No :10/849,750
 (32) Priority Date :20/05/2004
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2005/016208
 Filing Date :09/05/2005
 (87) International Publication No :WO 2005/115965
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :**1)BP CORPORATION NORTH AMERICA INC.**

Address of Applicant :4101 WINFIELD ROAD, WARRENVILLE, IL 60555, UNITED STATES OF AMERICA. U.S.A.

(72)Name of Inventor :**1)MCMAHON, ROSEMARY, F.****2)MACEK, JOHN, A.****3)HUSSMANN, GREGORY, P.****4)PANZER, MICHAEL, J.****5)EIFERT, RAYMOND, J.****6)YOUNG, DAVID, A.****7)MOSSMAN, ALLEN, B.****8)CLECKLER, J., DEVEN****(57) Abstract :**

A process for preparing a dialkylester of a naphthalenedicarboxylic acid comprising directing a liquid phase reaction mixture comprising a low molecular weight alcohol, a naphthalenedicarboxylic acid, a dialkylester of a naphthalenedicarboxylic acid, and a polyethylene naphthalate containing material, at a given temperature and pressure through series arranged reaction zones and subsequently removing a product comprising a dialkylester formed by the reaction of the naphthalenedicarboxylic acid and the polyethylene naphthalate containing material with the low molecular weight alcohol from a reaction zone. This invention is also directed to a process for preparing a purified dialkylester of a naphthalenedicarboxylic acid comprising a series of crystallization and distillation steps, and combinations thereof.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7366/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :06/12/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : "PHARMACEUTICAL PREPARATION CONTAINING NANOSOL"

(51) International classification	:A61J 3/00 ,A61K 9/51 ,B01J 13/00
(31) Priority Document No	:19940794.0
(32) Priority Date	:27/08/1999
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2000/07904
Filing Date	:14/08/2000
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:IN\PCT\2002/00187/DEL
Filed on	:15/02/2002

(71)**Name of Applicant :**
1)LTS LOHMANN THERAPIE-SYSTEME AG
Address of Applicant :LOHMANNSTRASSE 2,56626
ANDERNACH,GERMANY Germany
(72)**Name of Inventor :**
1)ASMUSSEN,BODO
2)HOFFMANN,HANS-RAINER

(57) Abstract :

The invention relates to solid pharmaceutical preparations comprising at least one at least partially charged active substance in the form of a nanosol wherein the active substance is bonded to an oppositely charged chitosan derivative, processes for their production, and their use for the production of medicinal products.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7368/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :06/12/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : CARTRIDGE FOR INKJET PRINTER.

(51) International classification	:B41J 32/00
(31) Priority Document No	:200520059632.1
(32) Priority Date	:04/06/2005
(33) Name of priority country	:China
(86) International Application No	:PCT/CN2006/000442
Filing Date	:21/03/2006
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)ZENG,YANG-YUN
Address of Applicant :ROOM 801,TIANFENG UNIT,2088#
FENGHUANG ROAD,XIANGZHOU DISTRICT,ZHUHAI 519000,CN
China
(72)**Name of Inventor :**
1)ZENG,YANG-YUN

(57) Abstract :

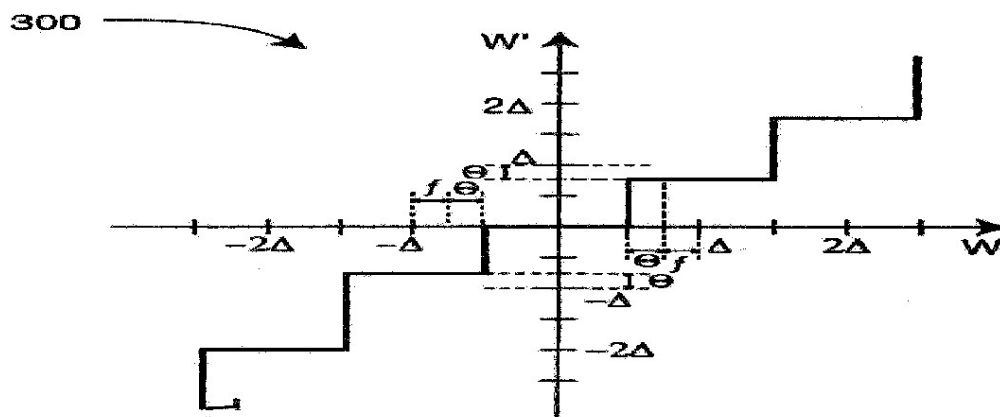
An ink cartridge for an inkjet printer including an ink tank, a shelf, and a chip is provided. The ink tank has a handle, and two locking structures are disposed on the handle. One of the locking structures fits the shelf, and the other locking structure fits the printer. The ink tank has a pressure control valve mechanism for precisely controlling an internal negative pressure. The ink tank and the shelf are connected together with the locking structures. The chip is fixed on the shelf. Only the ink tank needs to be replaced. Thus, the resource is saved, and the cost is reduced.

(54) Title of the invention : "METHOD AND APPARATUS FOR VIDEO CODEC QUANTIZATION"

(51) International classification	:H04N 7/26, H04N 7/50	(71)Name of Applicant :
(31) Priority Document No	:60/581,019	1)THOMSON LICESING
(32) Priority Date	:18/06/2004	Address of Applicant :46, QUAI A. LE GALLO, F-92100
(33) Name of priority country	:U.S.A.	BOULOGNE-BILLANCOURT (FR) France
(86) International Application No	:PCT/US2005/019647	(72)Name of Inventor :
Filing Date	:03/06/2005	1)TOURAPIS, ALEXANDROS, MICHAEL
(87) International Publication No	:WO 2006/007279	2)BOYCE, JILL, MACDONALD
(61) Patent of Addition to Application Number	:NA	3)YIN, PENG
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An encoder, a decoder, and corresponding methods are provided for encoding and decoding video signal data for an image block. The encoder includes a quantizer (2335) for receiving transform coefficients for the image block, and for adaptively performing dead-zone quantization based on coefficient positions and coefficient distributions of the transform coefficients.



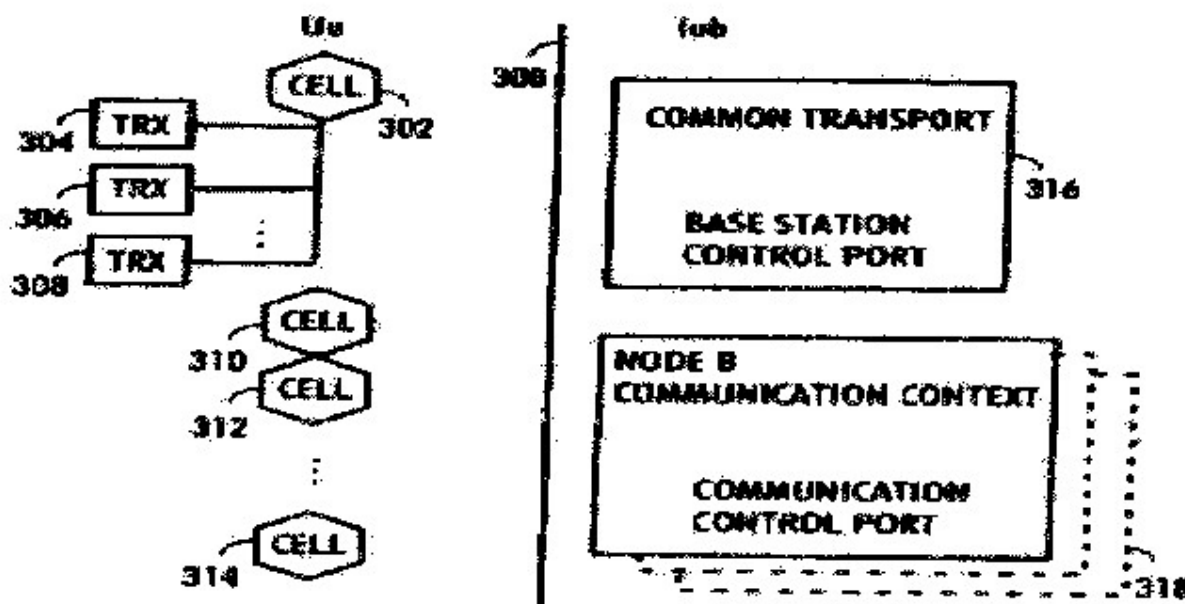
(54) Title of the invention : TRANSMISSION CONTROL METHOD, NETWORK ELEMENT, BASE STATION AND RADIO NETWORK CONTROLLER

(51) International classification :H04L 12/56
 (31) Priority Document No :20045213
 (32) Priority Date :09/06/2004
 (33) Name of priority country :Finland
 (86) International Application No :PCT/FI2005/050202
 Filing Date :08/06/2005
 (87) International Publication No :WO 2005/122499
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :
1)NOKIA CORPORATION
 Address of Applicant :KEILALAHDENTIE 4,FI-02150
 ESPOO,FINLAND Finland
 (72)Name of Inventor :
1)METSALA,ESA
2)MAJOR,TAMAS

(57) Abstract :

A network element of a communication system comprises, for instance, means (316, 410) for reserving, for connections carrying information packets with non real-time traffic, a predetermined amount less of capacity than the estimated peak rate; means (316, 410) for assorting the information packets with non realtime traffic and information packets with real-time traffic to separate queues, means (316, 410) for removing information packets with non real-time traffic from said non real-time traffic queue.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.7927/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :27/12/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : A COMMUNICATION SYSTEM

(51) International classification	:H04L 12/18
(31) Priority Document No	:0413106.6
(32) Priority Date	:11/06/2004
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/IB2005/001491
Filing Date	:17/05/2005
(87) International Publication No	:WO 2005/122470
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)NOKIA CORPORATION
Address of Applicant :KEILALAHDENTIE 4, FIN-02150 ESPOO,
FINLAND Finland
(72)**Name of Inventor :**
1)POIKSELKA MIIKKA
2)PAAVONEN, TAPIO

(57) Abstract :

A communication system including a first and second user equipment in communication over a shared floor and a server means for managing the shared floor. According to the system, the server means is arranged to detect an anonymity request from the first user equipment and, responsive to the anonymity request, to prevent the second user equipment from identifying the first user equipment from user plane messages transmitted from the first user equipment to the second user equipment.

(54) Title of the invention : FASTENING RAIL IN RAILWAY SLIDE CHAIR ASSEMBLY

(51) International classification :E01B 9/58
 (31) Priority Document No :0413093.6
 (32) Priority Date :11/06/2004
 (33) Name of priority country :U.K.
 (86) International Application No :PCT/GB2005/002316
 Filing Date :10/06/2005
 (87) International Publication No :WO 2005/121452
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

1)PANDROL LIMITED

Address of Applicant :63 STATION ROAD, ADDLESTONE, SURREY KT15 2AR, UNITED KINGDOM U.K.

2)VAE EISENBHSYSTEME GMBH**3)VAE GMBH****4)BWG GMBH & CO. KG**

(72)Name of Inventor :

1)PORRILL, JOHN PHILLIP**2)SEELEY, DAVID RONALD****3)OSSBERGER, HEINZ****4)LEITNER, JOSEF****5)DIETZE, HANS-ULRICH****6)HONE, HUBERTUS**

(57) Abstract :

A rail fastening apparatus for fastening an inner stock rail (2) in a railway slide chair assembly comprises a baseplate (100) having on one face thereof a rail seat region (110) on which the inner stock rail (2) sits when the slide chair assembly is in use, a resilient rail fastening clip (7) for restraining such an inner stock rail (2), the clip (7) comprising an elongate member having at one end a toe portion (71) for bearing on the rail (2) and at its other end a heel portion (72), first locating means (101) for locating the rail fastening clip (7) in the apparatus in a first position, which means (101) comprise a first abutment surface (101a), positioned on the baseplate (100) in a second region (120) spaced from the rail seat region (110), against which surface the heel portion (72) of the clip (7) abuts when the apparatus is in use to inhibit withdrawal of the clip (7) from the rail (2), and loading means (9) for vertically deflecting the clip (7) so as to produce a load in the toe portion (71). The loading means (9) comprise a ramp (9) provided adjacent to the rail seat region (110), whereby the clip (7) can be installed in the apparatus by hammer-driving the heel portion (72) of the clip (7) towards the rail seat region (110) until the toe portion (71) slides up the ramp (9) onto the rail (2) and the heel portion (72) comes into contact with the first abutment surface (101a). Second locating means (102) are provided for locating the rail fastening clip (7) in the apparatus in a second position, different from the first, into which the clip can be driven such that the toe portion of the clip sits on the ramp (9) in a pre-load condition in which the clip does not bear on the rail. [FIG. 3A]

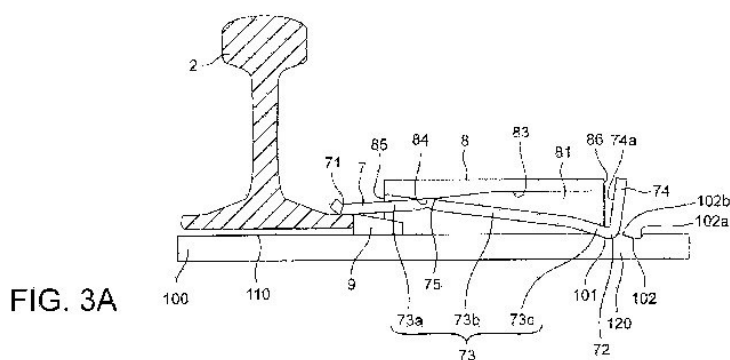


FIG. 3A

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7929/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :27/12/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : CATALYSTS AND PROCESSES FOR SELECTIVE HYDROGENATION OF ACETYLENE AND DIENES IN LIGHT OLEFIN FEEDSTREAMS"

(51) International classification	:C07C 5/08	(71) Name of Applicant :
(31) Priority Document No	:60/582,534	1)CATALYTIC SOLUTIONS,INC
(32) Priority Date	:23/06/2004	Address of Applicant :1640 FISKE
(33) Name of priority country	:U.S.A.	PLACE,OXNARD,CALIFORNIA 93033,U.S.A. U.S.A.
(86) International Application No	:PCT/US2005/021740	(72) Name of Inventor :
Filing Date	:21/06/2005	1)ZHANG,YONGQING
(87) International Publication No	:WO 2006/009988	2)GOLDEN,STEPHEN,J
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A catalyst and a method for selective hydrogenation of acetylene and dienes in light olefin feedstreams are provided. The catalyst retains higher activity and selectivity after regeneration than conventional selective hydrogenation catalysts. The catalyst contains a first component and a second component supported on an inorganic support. The inorganic support contains at least one salt or oxide of zirconium, a lanthanide, or an alkaline earth.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7609/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :15/12/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : "FORMATION OF A TIRE BEAD ASSEMBLY"

(51) International classification	:B29D 30/48
(31) Priority Document No	:0412573.8
(32) Priority Date	:04/06/2004
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/EP2005/005967
Filing Date	:03/06/2005
(87) International Publication No	:WO 2005/118271
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)ADVANCED RUBBER TECHNOLOGY BV
Address of Applicant :MARCONISTRAAT 26, NL-7575 AR,
OLDENZAAL, NETHERLANDS Netherlands
(72)**Name of Inventor :**
1)NIJHUIS, ERIK

(57) Abstract :

A method of forming a tire bead assembly comprises providing a length of an apex filler of electrometric material (7), the apex filler having an annular base portion for positioning axially adjacent a bead core ring (16) on a support and an annular tapering portion for extending axially away from the base portion and the bead core ring, gripping a leading end of said length of apex filler so as to retain said end on a cylindrical former (30), gripping a trailing end of said length of apex filler using gripping means (6), rotating said cylindrical former (30) so that said length of apex filler (7) is wound thereon in a single turn, whilst moving said gripping means and said gripped trailing end towards said cylindrical former (30), joining said leading and trailing ends together, and flipping the apex filler (7) so tha the base protino radially surrounds the bead core ring (16) and adheres to the latter and the tapering portion extends generally radially outwardly.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7610/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :15/12/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : "OLIGOMERISATION OF OLEFINIC COMPOUNDS IN AN ALIPHATIC MEDIUM"

(51) International classification :C07C 2/36
(31) Priority Document No :2004/4841
(32) Priority Date :18/06/2004
(33) Name of priority country :South Africa
(86) International Application No :PCT/IB2005/051940
Filing Date :13/06/2005
(87) International Publication No :WO 2005/123633
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)SASOL TECHNOLOGY (PTY) LIMITED

Address of Applicant :1 STURDEE AVENUE, ROSEBANK, 2196
JOHANNESBURG, SOUTH AFRICA South Africa

(72)Name of Inventor :

1)DIXON, JOHN, THOMAS

2)MORGAN, DAVID HEDLEY

3)KILLIAN, ESNA

4)BOLLMANN, ANNETTE

5)WALSH, RICHARD NEIL

6)OVERETT, MATTHEW JAMES

7)BLANN, KEVIN

(57) Abstract :

This invention relates to a process for producing an oligomeric product by the oligomerisation of at least one olefinic compound by contacting the at least one olefinic compound with an oligomerisation catalyst in an aliphatic liquid medium at a reaction temperature of at least 50° C. The catalyst comprises the combination of a source of a transition metal and a ligating compound of the formula (R1) m X (Y) X2 (R2) m

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7612/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :15/12/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : '3-(4-(2-DIHYDROISOXAZOL-3YLPYRIDIN-5-YL) PHENYL)-5-TRIAZOL-1-YLMETHYLOXAZOLIDIN-2-ONE DERIVAIVES AS MAO INHIBITORS FOR THE TRETMENT OF BACTERIAL INFECTIONS'

(51) International classification	:C07D 413/14
(31) Priority Document No	:0411595.2
(32) Priority Date	:25/05/2004
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/GB2005/002059
Filing Date	:24/05/2005
(87) International Publication No	:WO 2005/116024
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)ASTRAZENECA AB
Address of Applicant :S-151 85 SODERTALJE,SWEDEN Sweden
(72)**Name of Inventor :**
1)GRAVESTOCK, MICHAEL, BARRY
2)CARCANAGUE, DANIEL, ROBERT

(57) Abstract :

The invention relates to compounds of formula (I) as well as pharmaceutically-acceptable salts and pro-drugs thereof are disclosed wherein R¹, R², R³, and R⁴ are defined herein. Also disclosed are processes for making compounds of formula (I) as well as methods of using compounds of formula (I) for treating bacterial infections.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7613/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :15/12/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : "EXPANSION RIVET"

(51) International classification	:F16B 19/10
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/EP2005/004934
Filing Date	:06/05/2005
(87) International Publication No	:WO 2006/012928
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)A. RAYMOND & CIE,
Address of Applicant :113, COURS BERRIAT, F-38028
GRENOBLE, FRANCE France
(72)**Name of Inventor :**
1)BOUBTANE, MOHIEDDINE
2)RANVAL, YANN
3)LEGAT, JEAN-JACQUES

(57) Abstract :

The invention relates to an expansion rivet comprising a holding element (1) provided with a bearing plate (2) and limbs (7), and an actuating part (11) provided with a head plate (12) and a shaft (13). The head plate (12) is arranged on the bearing plate (2) in a fixing position. The limbs (7) are outwardly splayed by the engagement of expansion projections in an active region. At least one projecting catch (17) is arranged on the shaft (13), said catch being inclined in a flat manner with a sliding surface (18) away from the head plate (12), and vertically facing the head plate (12) with a rear catch surface (19). The expansion rivet can be thus very easily detached and reused once the actuating part (11) has been inserted into the holding element (1), the head plate (12) being detached from the bearing plate (2) and the actuating part (11) removed in the opposite direction to the insertion direction, until the or each rear catch surface (19) comes into contact with the bearing plate (2) and the expansion rivet can be removed.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8034/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :29/12/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : METHOD FOR ESTABLISHING A SECURITY ASSOCIATION BETWEEN A WIRELESS ACCESS POINT AND A WIRELESS NODE IN A UPNP ENVIRONMENT

(51) International classification	:H04L 9/32
(31) Priority Document No	:10/858,506
(32) Priority Date	:01/06/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/IB2005/001532
Filing Date	:01/06/2005
(87) International Publication No	:WO 2005/119964
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)NOKIA CORPORATION
Address of Applicant :KEILALAHDENTIE 4, FIN-02150 ESPOO,
FINLAND Finland
(72)**Name of Inventor :**
1)STRIBU, VLAD

(57) Abstract :

A system and method provide for the intuitive establishment of a security association between devices. To join a network of devices, a user device sends user parameters for the user device to an administrator device using an out-of-band communication protocol. The administrator device sends the user parameters to an access point device using a Universal Plug and Play Simple Object Access Protocol (UPnP SOAP) Set action. The access point device saves the user parameters in a local database. The administrator device retrieves access point parameters from the access point device using the UPnP SOAP Get action. The administrator device sends the access point parameters to the user device using the out-of-band communication protocol. The user device connects to the access point device using the access point parameters to configure a secure connection. Preferably, a location limited channel is used by the user device to communicate with the administrator device.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7930/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :27/12/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : "HEPATITIS B SURFACE ANTIGEN FUSION PROTEIN CONTAINING PRE-S2 EPITOPE AT ITS CARBOXYL TERMINAL AND GENE ENCODING THE SAME"

(51) International classification	:C12N 15/62	(71) Name of Applicant :
(31) Priority Document No	:200410022667.8	1)CHENGDU INSTITUTE OF BIOLOGICAL PRODUCTS
(32) Priority Date	:31/05/2004	Address of Applicant :BAOJIANG BRIDGE, CHENGDU,
(33) Name of priority country	:China	SICHUAN 610023, CHINA China
(86) International Application No	:PCT/CN2005/000737	(72) Name of Inventor :
Filing Date	:27/05/2005	1)TAN, CHANGYAO
(87) International Publication No	:WO 2005/116218	2)JIANG, LIMING
(61) Patent of Addition to Application Number	:NA	3)GE, YONGHONG
Filing Date	:NA	4)YUAN, JIN
(62) Divisional to to Application Number	:NA	5)JIN, OU
Filing Date	:NA	

(57) Abstract :

This invention relates to a novel gene encoding a Hepatitis B surface antigen and the protein encoded by such gene. The nucleic acid encoding Hepatitis B surface antigen pre-S2 (Met1 - Gly26), which contains binding sites to B cells and T cells and serum albumin, is connected to the 3'-end of the nucleic acid encoding the S protein of Hepatitis B surface antigen, then is expressed in yeast expression system. The expression products have the antigenicity of S and pre-S2, can be assembled into virus-like particles of 20-35nm in diameter. The fusion protein may be used to develop new vaccines against Hepatitis B.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7931/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :27/12/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : 'COMPOSITION IN SPRAY FORM COMPRISING A COMBINATION OF A CORTICOID AND A VITAMIN D DERIVATIVE IN AN OILY PHASE'

(51) International classification	:A61K 31/57
(31) Priority Document No	:04/06611
(32) Priority Date	:17/06/2004
(33) Name of priority country	:France
(86) International Application No	:PCT/EP2005/007972
Filing Date	:15/06/2005
(87) International Publication No	:WO 2005/123090
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)GALDERMA S.A
Address of Applicant :ZUGERSTRASSE 8, CH-6330 CHAM,
SWITZERLAND Switzerland
(72)**Name of Inventor :**
1)WILLCOX, NATHALIE
2)ORSONI, SANDRINE
3)FREDON, LAURENT

(57) Abstract :

The Personal invention relates to an anhydrous composition in spray form, comprising as pharmaceutical active t[he combination of clobetasol propionato and calcitriol and an oi ly phase in a physiological ly acceptable medium, to the process for preparing it and to its use in dermatology.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7933/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :27/12/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : "VISCOSIFIED TREATMENT FLUIDS AND ASSOCIATED METHODS OF USE"

(51) International classification	:E21B 43/26
(31) Priority Document No	:10/899,897
(32) Priority Date	:27/07/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/GB2005/002906
Filing Date	:25/07/2005
(87) International Publication No	:WO 2006/010912
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)HALLIBURTON ENERGY SERVICES, INC
Address of Applicant :P.O.BOX 1431, DUNCAN, OK 73533, USA
U.S.A.
(72)**Name of Inventor :**
1)LORD, PAUL,D.
2)WALTMAN, RODNEY, B
3)RITTER, DAVID, W
4)VITTHAL, SANJAY

(57) Abstract :

The present invention relates to methods for treating subterranean formations. In one embodiment, the present invention provides a method of fracturing a portion of a subterranean formation that comprises providing a viscosified treatment fluid comprising a single salt aqueous fluid having a density of greater than 9 pounds per gallon and a crosslinked viscosifying agent, and contacting the portion of the subterranean formation with a viscosified treatment fluid so as to create or enhance one or more fractures therein, wherein the viscosified treatment fluid is introduced into a well bore that penetrates the portion of the subterranean formation to be fractured at a surface pressure of less than about 25,000 pounds per square inch. In other embodiments, the present invention provides methods of frac packing a subterranean formation and methods of reducing a surface pressure needed to create; pre or more fractures in a portion of a subterranean formation.

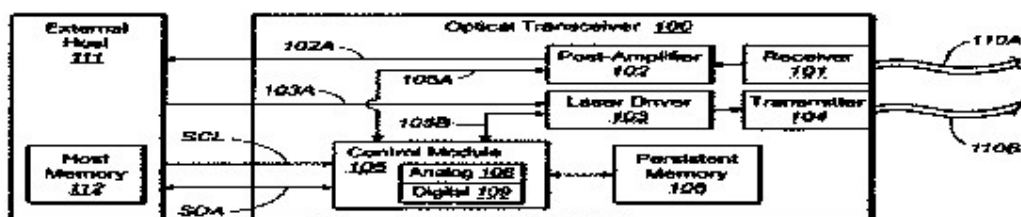
(54) Title of the invention : FILTERING DIGITAL DIAGNOSTICS INFORMATION IN AN OPTICAL TRANSCEIVER PRIOR TO HOST

(51) International classification :H04B 10/00
 (31) Priority Document No :60/585,172
 (32) Priority Date :02/07/2004
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2005/023776
 Filing Date :01/07/2005
 (87) International Publication No :WO 2006/0144414
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :
1)FINISAR CORPORATION
 Address of Applicant :1389 MOFFETT PARK
 DRIVE, SUNNYVALE, CALIFORNIA 94089, U.S.A. U.S.A.
 (72)Name of Inventor :
1)EKKIZOGLOY,LUKE M.
2)DYBSETTER,GERALD L.
3)HAHIN,JAYNE C.
4)NELSON,STEPHEN

(57) Abstract :

An optical transceiver (100) configured to perform filtering of digital diagnostics prior to the filtered results being made accessible to a host computing system (111) (hereinafter referred to simply as a "host") that is communicatively coupled to the optical transceiver (100). The optical transceiver (100) includes sensor(s) (211A-C) that measures analog operational parameter signals such as temperature and supply voltage. The analog signals are each converted to a plurality of digital samples by analog to digital converter(s) (214). A processor (203A-B) executes microcode that causes the optical transceiver (100) to perform filtering on the various samples. The optical transceiver (100) may then make the filtered result accessible to the host (111). "



(12) PATENT APPLICATION PUBLICATION

(21) Application No.969/DEL/2006 A

(19) INDIA

(22) Date of filing of Application :07/04/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : "METHODS AND SYSTEM FOR DIAGNOSING MACHINERY."

(51) International classification

:G01M
19/00

(31) Priority Document No

:11/111199

(32) Priority Date

:21/04/2005

(33) Name of priority country

:U.S.A.

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)GENERAL ELECTRIC COMPANY

Address of Applicant :NEW YORK, OF ONE RIVER ROAD,
SCHENECTADY, NEW YORK 12345, U.S.A. U.S.A.

(72)Name of Inventor :

1)PETCHENEV ALEXEI

2)LITTRELL NATHAN BOWMAN

3)MALAKHOVA OLGA

4)GRANT JOHN WESLEY

(57) Abstract :

A method of predicting the remaining operational life of a component including generating a plurality of component data utilizing a machinery monitoring system (114) including a database having at least one rule set (400), the component data indicative of at least one operational parameter of the component, trending the component data utilizing the rule set, and extrapolating (416) the trended data to facilitate predicting the remaining operational life of the component.

(54) Title of the invention : "NUCLEOSIDE ARYL PHOSPHORAMIDATES FOR THE TREATMENT OF RNA-DEPENDENT RNA VIRAL INFECTION"

(51) International classification	:C12Q 1/68	(71)Name of Applicant :
(31) Priority Document No	:60/582,667	1)MERCK & CO., INC.
(32) Priority Date	:24/06/2004	Address of Applicant :126 EAST LINCOLN AVENUE, RAHWAY,
(33) Name of priority country	:U.S.A.	NJ 07065-0907(US) U.S.A.
(86) International Application No	:PCT/US2005/021684	(72)Name of Inventor :
Filing Date	:20/06/2005	1)MACCOSS, MALCOLM
(87) International Publication No	:WO 2006/012078	2)OLSEN, DAVID, B.
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention provides nucleoside aryl phosphoramidates which are precursors to inhibitors of RNA-dependent RNA viral polymerase. These compounds are pret*rsfiriN I l y"U to inhibitors of RNA-dependent RNA viral replication and are useful for the treatment of RNA-dependent RNA viral infection. They are particularly useful as precursors to inhibitors of hepatitis C virus (HCV) NS5B polymerase, as precursors to inhibitors of HCV replication, and/or for the treatment of hepatitis C infection. The invention also describes pharmaceutical compositions containing such nucleoside aryl phosphoramidates alone or in combination with other agents active against RNA-dependent RNA viral infection, in particular HCV infection. Also disclosed are methods of inhibiting RNA-dependent RNA polymerase, inhibiting RNA-dependent RNA viral replication, and/or treating RNA-dependent RNA viral infection with the nucleoside aryl phosphoramidates of the present invention.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7590/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :15/12/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : "AMINOCYCLOHEXANES AS DIPEPTIDYL PEPTIDASE-IV INHIBITORS FOR THE TREATMENT OR PREVENTION OF DIABETES"

(51) International classification :C07D 471/04
(31) Priority Document No :60/581,536
(32) Priority Date :21/06/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/021556
Filing Date :17/06/2005
(87) International Publication No :WO 2006/009886
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)MERCK & CO., INC
Address of Applicant :126 EAST LINCOLN AVENUE, RAHWAY,
NJ 07065-0907 (US) U.S.A.
(72)**Name of Inventor :**
1)BIFTU, TESFAYE
2)FENG, DANQING DENNIS
3)GAO, YING-DUO
4)SINGH, SURESH
5)WEBER, ANN, E

(57) Abstract :

The present invention is directed to novel substijuteo amiliolycloltielfan5e'which are inhibitors of the dipeptidyl peptidase-IV enzyme ('DPP-IV inhibitors') and which are useful in the treatment or prevention of diseases in which the dipeptidyl peptidase-IV enzyme is involved, such as diabetes and particularly Type 2 diabetes. The invention is also directed to pharmaceutical compositions comprising these compounds and the use of these compounds and compositions in the prevention or treatment of such diseases in which the dipeptidyl peptidase-IV enzyme is involved.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7592/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :15/12/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : "LACTAM TACHYKININ RECEPTOR ANTAGONISTS"

(51) International classification	:C07D 207/26
(31) Priority Document No	:60/581,786
(32) Priority Date	:22/06/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2005/021840
Filing Date	:17/06/2005
(87) International Publication No	:WO 2006/002117
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)MERCK & CO., INC
Address of Applicant :126 EAST LINCOLN AVENUE, RAHWAY,
NJ 07065-0907 (US) U.S.A.
(72)**Name of Inventor :**
1)FINKE, PAUL, E
2)MEURER, LAURA, C
3)MILLS, SANDER, G

(57) Abstract :

The present invention is directed to certain lactam compounds which are useful as neurokinin-1 (NK-1) receptor antagonists, and inhibitors of tachykinin and in particular substance P. The invention is also concerned with pharmaceutical formulations comprising these compounds as active ingredients and the use of the compounds and their formulations in the treatment of certain disorders, including emesis, urinary incontinence, depression, and anxiety.

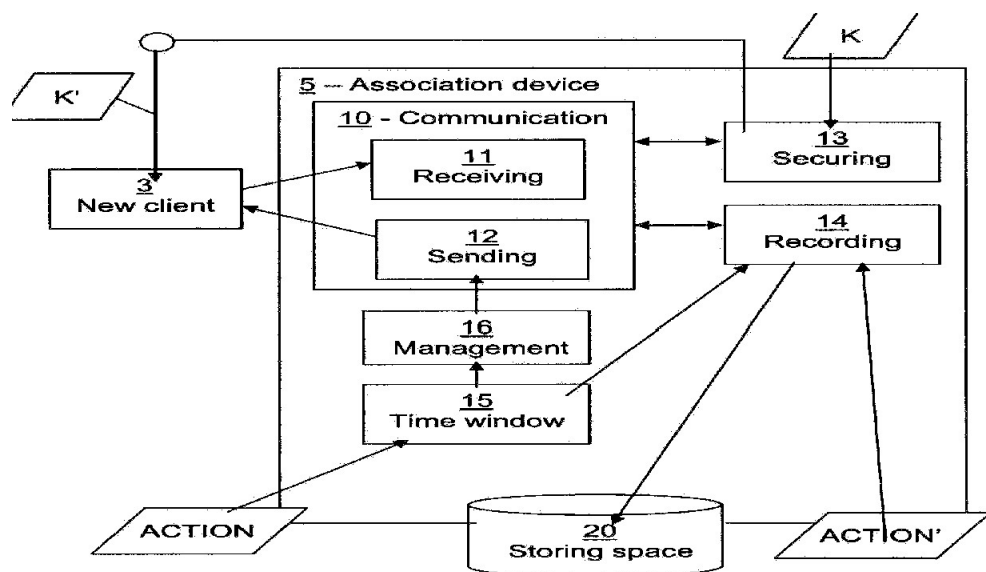
(54) Title of the invention : "DEVICE AND PROCESS FOR WIRELESS LOCAL AREA NETWORK ASSOCIATION"

(51) International classification :H04L 12/28
 (31) Priority Document No :04447166.2
 (32) Priority Date :07/07/2004
 (33) Name of priority country :EUROPEAN UNION
 (86) International Application No :PCT/EP2005/053193
 Filing Date :05/07/2005
 (87) International Publication No :WO 2006/003202
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :
1)THOMSON LICENSING
 Address of Applicant :46 QUAI ALPHONSE LE GALLO, F-92100
 BOULOGNE-BILLANCOURT, FRANCE France
 (72)Name of Inventor :
1)ERIC DOWEK
2)TREVOR MOORE
3)KAREL VAN DOORSELAER

(57) Abstract :

The present invention concerns WLAN association device (5) and process for associating a new station (3) to a WLAN (1), via a central apparatus (2). The association device comprises receiving (11) and sending (12) means for exchanging signals between the station and central apparatus, recording means (14) for recording the station as part of the WLAN, under wireless exchanges between the station and central apparatus initiated by an association request sent by the station, and management means (16) for managing the identity of the WLAN. The association device comprises time window means (15) triggering the opening of a time window, the recording means being able to be initially activated only during the opening of that time window. Further, the management means automatically activates a temporary service set identifier for the recording of the station during the time window.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.961/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :24/02/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : ICE MOLD SUPPLY SYSTEM FOR REFRIGERATION APPLIANCES

(51) International classification	:F25C 1/10
(31) Priority Document No	:PI 0303842-4
(32) Priority Date	:16/09/2003
(33) Name of priority country	:Brazil
(86) International Application No	:PCT/BR2004/000173
Filing Date	:13/09/2004
(87) International Publication No	:WO 2005/026631
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)MULTIBRAS S.A. ELETRODOMESTICOS
Address of Applicant :AVENIDA DAS NACOES UNIDAS, 12995-32° ANDAR 04578-000-SAO PAULO-SP BRAZIL Brazil
(72)**Name of Inventor :**
1)RIBEIRO, JOEL
2)FLOETER JUNIOR, RODOLFO
3)SILVA, EDSON ADRIANO DA

(57) Abstract :

An ice mold supply system for refrigeration appliances of the type comprising a freezer compartment (1), in whose interior is provided a support means (10) carrying at least one pair of median rails (30) on which is slidingly and detachably seated at least one ice mold (60). According to the present invention, the support means (10) carries at least one pair of upper rails (20) on which is slidingly and detachably seated a reservoir (50) which is dimensioned to contain, when completely full, a volume of water corresponding to that required for adequately supplying the ice molds (60) disposed immediately below, said reservoir (50) being inferiorly provided with a discharge nozzle (55) , positioned above the ice mold (60) immediately below and in which is mounted an outlet valve (56) which is constantly and resiliently forced to a closed position and automatically displaced to an open position when the reservoir (50) is mounted in the support means (10) .

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5079/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :04/09/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : "A GREASE AND OIL ABSORBENT"

(51) International classification	:B01J 20/24
(31) Priority Document No	:0400246-5
(32) Priority Date	:03/02/2004
(33) Name of priority country	:Sweden
(86) International Application No	:PCT/SE2005/000142
Filing Date	:03/02/2005
(87) International Publication No	:WO 2005/075069
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)MENCHA HOLDING AS, INTERNATIONAL CORP. AGENTS LTD
Address of Applicant :102 AATI CHAMBERS, MONT FLEURI
VICTORIA MAHE, SEYCHELLES Seychelles
(72)**Name of Inventor :**
1)PIHSTROM, ANUND

(57) Abstract :

This invention relates to a biological substance (oil absorbent) for the absorption of grease and oil. The invention is preferably used for removal of heavy oil released from ships and moreover oils, which are spilled out upon workshop floors. The invention utilizes byproducts and residual products such as bark, branches and sawdust as raw materials. The oil absorbent contains a vital component with a thin shape. The component's length is at least ten times greater than its width and its proportion makes up at least ten percent of the absorbent's total weight. Ingredients in this compound include among others Bornyl acetate, cadinene and limonene. For dispersal of the absorbent an ejector system is used together with a nozzle. This apparatus makes it possible to disperse the absorbent in different directions.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.989/DEL/2006 A

(19) INDIA

(22) Date of filing of Application :13/04/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : "METHOD OF ASSEMBLING TWO PARTS, AT LEAST ONE OF WHICH IS MADE OF A COMPOSITE, AND INSERT FOR CARRYING OUT THE ASSEMBLY"

(51) International classification	:NA	(71) Name of Applicant :
(31) Priority Document No	:05 50966	1)SNECMA,
(32) Priority Date	:15/04/2005	Address of Applicant :2 Boulevard du General Martial Valin, 75015
(33) Name of priority country	:France	Paris, France France
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)STEPHANE BLANCHARD
(87) International Publication No	:NA	2)YANN VUILLEMENOT
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a method for bonding a first part (31) made of a ceramic matrix composite to a second part (34), to a defined dimension (A), wherein an insert (32) is fitted onto said first part (31), said insert (32) protruding beyond said dimension (A), the insert (32) is machined until its surface is at said defined dimension, said second part (34) is placed on the insert (32) and the second part is fastened via the insert. The use of an insert makes it possible to produce, with high precision, a reproducible assembly, which can still be dismantled.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.993/DEL/2006 A

(19) INDIA

(22) Date of filing of Application : 17/04/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : SAFETY SYRINGE

(51) International classification

:A61M5/50;

(31) Priority Document No

:MI2005A-

001891

(32) Priority Date

:07/10/2005

(33) Name of priority country

:Italy

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)RAVANELLI, ADRIANA

Address of Applicant :Via Marsala, 33, 20047 Brugherio, Milano,

Italy Italy

(72)Name of Inventor :

1)RAVANELLI ADRIANA

(57) Abstract :

The present invention relates to a disposable safety syringe including an automatically retractable needle for preventing said syringe from being reused, comprising a cylindric body defining, at one end thereof, a needle coupling end-piece and being opened at the other end portion thereof for introducing therein a piston having a sealing gasket. The main feature of the invention is that on said piston are provided engaging means for engaging; and retracting the needle after the delivering of the injection liquid.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7379/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :06/12/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : "MORINDA CITRIFOLIA-BASED FORMULATION 5-LOX AND 15-LOX"

(51) International classification	:A61K 35/78
(31) Priority Document No	:10/862,828
(32) Priority Date	:07/06/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2004/019781
Filing Date	:18/06/2004
(87) International Publication No	:WO 2005/120538
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71) Name of Applicant : 1)MORINDA,INC. Address of Applicant :333 WEST RIVER PARK DRIVE PROVO,UTAH 84604 UNITED STATES OF AMERICA U.S.A.
(72) Name of Inventor : 1)AFA KEHAATI PALU 2)CLAUDE JARAKAE JENSEN 3)BING-NAN ZHOU 4)STEPHEN STORY 5)CHEN SU

(57) Abstract :

The present invention is directed to methods and formulations for inhibiting Lipxygenase enzymes that function to biosynthesize or metabolize arachidonic acid into its intermediate Leukotriene constituents, as well as a method and formulation for treating and preventing diseases, including inflammatory diseases, and the symptoms associated with such diseases. The present invention methods and formulations effectively function as such through the introduction into the body (e.g. ingesting) a safe, predetermined dosage of a naturaceutical composition formulated with or comprising one or more processed Morinda citrifolia products for a safe, predetermined duration, wherein the processed Morinda citrifolia product may comprise one or more isolated active ingredients.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.980/DEL/2006 A

(19) INDIA

(22) Date of filing of Application :12/04/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : "INFORMATION PROCESSING APPARATUS, INFORMATION RECORDING MEDIUM, INFORMATION PROCESSING METHOD, AND COMPUTER PROGRAM"

(51) International classification	:H04Q 27/20	(71) Name of Applicant : 1)SONY CORPORATION Address of Applicant :7-35, KITASHINAGAWA 6-CHOME, SHINAGAWA-KU, TOKYO 141-0001, JAPAN. Japan
(31) Priority Document No	:P2005- 118712	(72) Name of Inventor :
(32) Priority Date	:15/04/2005	1)YOSHIKAZU TAKASHIMA
(33) Name of priority country	:Japan	2)KENJIRO UEDA
(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 to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An information processing apparatus for recording information on an information recording medium includes a content cryptographic processor configured to generate encrypted content by executing encryption using a unit key associated with a content management unit that serves as a unit for controlling usage of content; a unit-key-file processor configured to generate a unit key file storing the unit key, and to encrypt the unit key file or constituent data of the unit key file using an encryption key that is generated using a seed whose value is updated in accordance with change in constituent data of unit keys included in the unit key file; and a data recorder configured to record the content management unit including the encrypted content as constituent data and the unit key file on the information recording medium according to a predetermined data recording format.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7326/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :05/12/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : "VALVE WITH PRESSURIZED HYDRAULIC TRANSMISSION DEVICE AND A METHOD OF OPERATING SAME"

(51) International classification	:F02M 47/04,F02M 21/02,F02M 51/06,F16K 31	(71) Name of Applicant : 1)WESTPORT POWER INC Address of Applicant :101-1750 WEST 75TH AVENUE, VANCOUVER, BRITISH COLUMBIA V6P 6G2, CANADA Canada
(31) Priority Document No	:10/867,303	(72) Name of Inventor :
(32) Priority Date	:14/06/2004	1)MUMFORD, DAVID
(33) Name of priority country	:U.S.A.	2)ANCIMER, RICHARD
(86) International Application No	:PCT/CA2005/000915	3)BAKER, MIKE
Filing Date	:13/06/2005	4)CLAPA, DAMIEN
(87) International Publication No	:WO 2005/121542	5)WING, RICHARD
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A valve (100,300, 600, 700) is disclosed with a hydraulic transmission device (130, 330, 630, 730) that is fluidly isolated from the process fluid. The pressure of the process fluid is employed to pressurize the hydraulic fluid. In a preferred embodiment, the valve is a common rail directly actuated fuel injection valve (100,300, 600) with a hydraulic transmission device (130,330, 630) that is fluidly isolated from the fuel so that the hydraulic fluid can be different from the fuel. This arrangement is particularly suitable for valves that inject a gaseous fuel, but can also be beneficial for use with liquid fuels. According to the method, the hydraulic fluid is pressurizable by the fuel pressure to reduce differential pressures and leakage, in addition to assisting with operation of the hydraulic transmission device (130,330, 630). The method further comprises detecting the position of the valve needle (110, 310,610,710) for more accurate control of rate of fuel or process fluid flow through the valve (100,300,600, 700).

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7327/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :05/12/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : "NUCLEOTIDE SEQUENCES AND POLYPEPTIDES ENCODED THEREBY USEFUL FOR MODIFYING PLANT CHARACTERISTICS"

(51) International classification	:C12N 15/82,A01H 5/00,C07K 14/415,C12N 5/60/575,253	(71) Name of Applicant : 1)CERES, INC Address of Applicant :1535 RANCHO CONEJO BOULEVARD, THOUSAND OAKS, CA 91320-1440, USA U.S.A.
(31) Priority Document No	:60/575,253	(72) Name of Inventor :
(32) Priority Date	:27/05/2004	1)CHRISTENSEN, CORY, R
(33) Name of priority country	:U.S.A.	2)APUYA, NESTOR
(86) International Application No	:PCT/US2005/018950	3)FELDMANN, KENNETH,A
Filing Date	:27/05/2005	
(87) International Publication No	:WO 2005/118823	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Isolated polynucleotides and polypeptides encoded thereby are described, together with the use of those products for making transgenic plants with increased tolerance to abiotic stress (e.g. high or low temperatures, drought, flood).

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7328/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :05/12/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : TESTING APPARATUS AND TESTING METHOD

(51) International classification	:H04B 1/707,H04B 17/00,H04B 7/26,	(71)Name of Applicant :
(31) Priority Document No	:2004-172411	1)MATSUSHITA ELECTRIC INDUSTRIAL CO,LTD
(32) Priority Date	:10/06/2004	Address of Applicant :1006,OAZA KADOMA,KADOMA-SHI,OSAKA 571-8501 JAPAN Japan
(33) Name of priority country	:Japan	(72)Name of Inventor :
(86) International Application No	:PCT/JP2005/010274	1)KENICHIRO SHINOI
Filing Date	:03/06/2005	2)HIDETOSHI SUZUKI
(87) International Publication No	:WO/2005/122433	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A testing apparatus capable of testing the reception performance of a communication terminal apparatus to be tested, while determining whether a selecting/combining function is implemented in the communication terminal apparatus. In the testing apparatus, a transmission control part (103) designates, to a selecting part (104), a timing at which to switch spread codes to be outputted. The selecting part (104) selects, in accordance with the designation of the transmission control part (103), either a first spread code generated by a first code generating part (101) or a second spread code generated by a second code generating part (102) . A spreading part (106) multiplies a packet outputted from an outbound packet generating part (105) by a spread code outputted from the selecting part (104) for output. A measuring part (151) receives a report as to whether the packet from a communication terminal apparatus (200) has been correctly decoded, calculates a packet error rate, and outputs the calculation result.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7331/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :05/12/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : "NUCLEOTIDE SEQUENCES AND POLYPEPTIDES ENCODED THEREBY USEFUL FOR MODIFYING PLANT CHARACTERISTICS"

(51) International classification	:A01H 5/00, C07K 14/415 ,C12N 15/82	(71) Name of Applicant : 1)CERES, INC. Address of Applicant :1535 RANCHO CONEJO BOULEVARD, THOUSAND OAKS, CA 91320-1440, UNITED STATES OF AMERICA U.S.A.
(31) Priority Document No	:60/575,309	
(32) Priority Date	:27/05/2004	
(33) Name of priority country	:U.S.A.	
(86) International Application No	:PCT/US2005/018912	(72) Name of Inventor :
Filing Date	:27/05/2005	1)SOSA, JULISSA
(87) International Publication No	:WO 2005/118820	2)NADZAN, GREG
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Isolated polynucleotides and polypeptides encoded thereby are described, together with the use of those products for making transgenic plants with increased tolerance to pH or increased phosphorus efficiency.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7334/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :05/12/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : "AN ANIONIC SELF-CROSSLINKABLE POLYURETHANE MATERIAL HAVING HYDROXYL FUNCTIONALITY"

(51) International classification	:C08G 18/08, C08G 18/10,C09D 175/04	(71)Name of Applicant : 1)PPG INDUSTRIES OHIO INC Address of Applicant :3800 WEST 143rd STREET,CLEVELAND,OHIO 44111,UNITED STATES OF AMERICA U.S.A.
(31) Priority Document No	:60/234,514	(72)Name of Inventor :
(32) Priority Date	:22/09/2000	1)LAMERS,PAUL,H
(33) Name of priority country	:U.S.A.	2)MARTZ,JONATHAN,T.
(86) International Application No	:PCT/US01/29614	3)MEYERS,LAWRENCE,D.
Filing Date	:21/09/2001	4)NOVAK,CAROLYN,A.
(87) International Publication No	:WO 02/24778	5)OLSON,KURT,G
(61) Patent of Addition to Application Number	:NA	6)ROWLEY,JAMES,P
Filing Date	:NA	7)VERARDI,CHRISTOPHER,A.
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An anionic self-crosslinkable polyurethane material having hydroxyl functionally, the polyurethane material having a weight average molecular weight of less than 15,000 grams per mole, and having a combined urethane/urea equivalent weight ranging from about 200 to about 400 grams per equivalent, wherein the polyurethane material, when cured, has a toughness of at least 20 MPa according to TOUGHNESS TEST METHOD at a temperature of 25°C.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.972/DEL/2006 A

(19) INDIA

(22) Date of filing of Application :10/04/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : "DRIVELINE MOTOR WITH PLANETARY GEAR SYSTEM"

(51) International classification

:F16D 7/02

(31) Priority Document No

:60/675,269

(32) Priority Date

:27/04/2005

(33) Name of priority country

:U.S.A.

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)ARVINMERITOR TECHNOLOGY, LLC.

Address of Applicant :2135 WEST MAPLE ROAD, TROY,
MICHIGAN 48084-7186, U.S.A. U.S.A.

(72)Name of Inventor :

1)DENNIS KRAMER

(57) Abstract :

A switched reluctance motor includes a stator, a rotor, and a planetary gear assembly. The rotor defines an internal cavity that houses the planetary gear assembly. The switched reluctance motor receives input and provides output through a common single shaft. The shaft is part of a vehicle driveline and can be positioned to provide driving input to a transmission or drive axle, for example. The planetary gear assembly includes a planet carrier that is fixed for rotation with the shaft and a sun gear that is coupled to the rotor. The planetary gear assembly allows the rotor to rotate at a higher speed than the shaft such that the switched reluctance motor can operate more efficiently for low speed vehicle applications.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.920/DELNP/2004 A

(19) INDIA

(22) Date of filing of Application :08/04/2004

(43) Publication Date : 22/06/2007

(54) Title of the invention : INTERFERENCE MEASUREMENTS IN A WIRELESS COMMUNICATIONS SYTEM

(51) International classification	:H04L 12/28
(31) Priority Document No	:01/01/1900
(32) Priority Date	: -
(33) Name of priority country	:Afghanistan
(86) International Application No	:PCT/EP01/14010
Filing Date	:30/11/2001
(87) International Publication No	:WO 03/047290
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)
Address of Applicant :S-126 25 Stockholm Stockholm Sweden
(72)**Name of Inventor :**
1)JAMSHID KHUN-JUSH
2)GERD ZIMMERMANN
3)MATHIAS PAULI

(57) Abstract :

Interference Measurements in a Wireless Communications SystemA method and a transmitting unit for performing an interference measurement in a multiple access wireless communications system utilizing a carrier sensing technique is described. In accordance with the carrier sensing technique, it is monitored during a sensing period (Tmin) if a carrier is idle. A continuous or quasi-continuous interference measurement is performed on the carrier during a measurement period (TM) which is typically longer than the sensing period (Tmin). While performing the interference measurement, pulses are transmitted on the carrier such that an interval between the end of a pulse and the beginning of the next pulse is typically shorter than the sensing period (Tmin). The interference measurements preferably relate to detection of interference from radar signals or radar like signals.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.965/DEL/2006 A

(19) INDIA

(22) Date of filing of Application :07/04/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : "DEVICE AND PROCESS FOR HANDLING AND CONTROLLING THE YARN OF A CROSSWINDING HEAD OF A CROSSWINDING MACHINE DURING THE STARTING OPERATIONS OF A NEW LOT"

(51) International classification	:B65H 54/00	(71)Name of Applicant : 1)SAVIO MACCHINE TESSILI S.P.A.
(31) Priority Document No	:MI2005A 000628	Address of Applicant :VIA UDINE 105, PORDENONE, ITALY Italy
(32) Priority Date	:13/04/2005	(72)Name of Inventor :
(33) Name of priority country	:Italy	1)ROBERTO BADIALI
(86) International Application No	:NA	2)MAURIZIO ANTONIEL
Filing Date	:NA	3)GIORGIO COLOMBEROTTO
(87) International Publication No	:NA	4)LUCIANO BERTOLI
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a device and process for handling and controlling the yarn (2) in a crosswinding head of a crosswinding machine during the starting operations of a new lot, said crosswinding machine being equipped with a series of crosswinding heads and at least one service trolley (16) , wherein the end of the yarn (2) of a new pirn is collected by the suction mouth (7) on the pirn (1) side and delivered to the joining device (9) , from where it is, in turn, collected by the suction mouth (8) on the side of the bobbin and, after the suction mouth (8) has rotated until it is close to the driving and traversing cylinder (6) , engaging the yarn (2) on its back during the movement, which is transferred from this to the handling device (15) of the service trolley (16) .

(54) Title of the invention : "METHOD FOR RECOVERY OF OXIDATION CATALYST"

(51) International classification

:B01J
38/00

(31) Priority Document No

:2005-
112153

(32) Priority Date

:08/04/2005

(33) Name of priority country

:Japan

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)MITSUI CHEMICALS, INC.Address of Applicant :5-2, HIGASHI-SHIMBASHI, 1-CHOME,
MINATO-KU, TOKYO, JAPAN. Japan

(72)Name of Inventor :

1)HIROSHI TOMITA**2)AIICHIRO ORI****3)KYOJI ARITA**

(57) Abstract :

A method for recovery of an oxidation catalyst from a concentrate obtained by concentrating under heating an oxidation mother liquor comprises hot water treatment of the concentrate with stirring and then granulation treatment of the hot water slurry obtained with stirring to obtain a granulated slurry wherein the hot water treatment and the granulation treatment are carried out in separate stirring tanks, and solid-liquid separation of the granulated slurry obtained so as to recover an aqueous catalyst solution containing the oxidation catalyst. According to the method, there can be recovered at high yield an oxidation catalyst contained in an oxidation mother liquor in the manufacture of aromatic carboxylic acids comprising liquid phase oxidation of alkyl aromatic compounds with molecular oxygen in a reaction solvent containing a lower aliphatic carboxylic acid in the presence of a heavy metal catalyst and a bromine catalyst.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.800/DEL/2006 A

(19) INDIA

(22) Date of filing of Application :23/03/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : "GATHERING RANDOMNESS IN A WIRELESS SMART CARD READER"

(51) International classification

:G06F 3/00

(31) Priority Document No

:05103029.4

(32) Priority Date

:15/04/2005

(33) Name of priority country

:EUROPEAN
UNION

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)RESEARCH IN MOTION LIMITED

Address of Applicant :295 PHILLIP STREET, WATERLOO,
ONTARIO N2L 3W8, CANADA. Canada

(72)Name of Inventor :

1)ADAMS NEIL

2)BROWN MICHAEL S.

3)LITTLE HERBERT

4)MCCALLUM MICHAEL K.

5)BROWN MICHAEL K

(57) Abstract :

A device coupled to a smart card reader (102) may request random data from a smart card (112) inserted into the smart card reader, and the smart card reader may incorporate the random data into its randomness pool. A device having a source of random data may have a driver installed thereon for another device and the driver may extract random data from the source and transmit it securely over a wireless communication link to the other device. The other device, which may be a smart card reader, may incorporate the extracted random data into its randomness pool. A smart card reader may incorporate traffic received from a smart card inserted therein into its randomness pool.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8002/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :29/12/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : "METHOD FOR PREPARING PYRROLOTRIAZINE COMPOUNDS"

(51) International classification	:A61K 31/675
(31) Priority Document No	:60/584,382
(32) Priority Date	:30/06/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2005/022882
Filing Date	:30/06/2005
(87) International Publication No	:WO 2006/004724
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)BRISTOL-MYERS SQUIBB COMPANY
Address of Applicant :P.O.BOX 4000, ROUTE 206 AND
PROVINCE LINE ROAD, PRINCETON, NEW JERSEY 08543-4000,
USA U.S.A.

(72)**Name of Inventor :**
1)ZHONGPING SHI
2)JOHN HYNES
3)LUCA PARLANTI
4)STEPHEN T. WROBLESKI

(57) Abstract :

A method for aminating pyrrole derivatives and for preparing pyrrolotriazine compounds having the formula (V).

(54) Title of the invention : FORMATION OF TETRA-SUBSTITUTED ENAMIDES AND STEREOSELECTIVE REDUCTION THEREOF

(51) International classification :C07C 255/28
 (31) Priority Document No :60/586,306
 (32) Priority Date :08/07/2004
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2005/023514
 Filing Date :01/07/2005
 (87) International Publication No :WO 2006/017045
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

1)MERCK & CO., INC

Address of Applicant :126 EAST LINCOLN AVENUE, RAHWAY, NEW JERSEY 07065-0907 US U.S.A.

(72)Name of Inventor :

1)CAMPOS, KEVIN, R.

2)KLAPARS, ARTIS

3)MCWILLIAMS, J. CHRISTOPHER

4)SHULTZ, C.SCOTT

5)WALLACE, DEBRA, J

6)CHEN, ALEX, M

7)FREY, LISA, F

8)PERESYPKIN, ANDREY, V

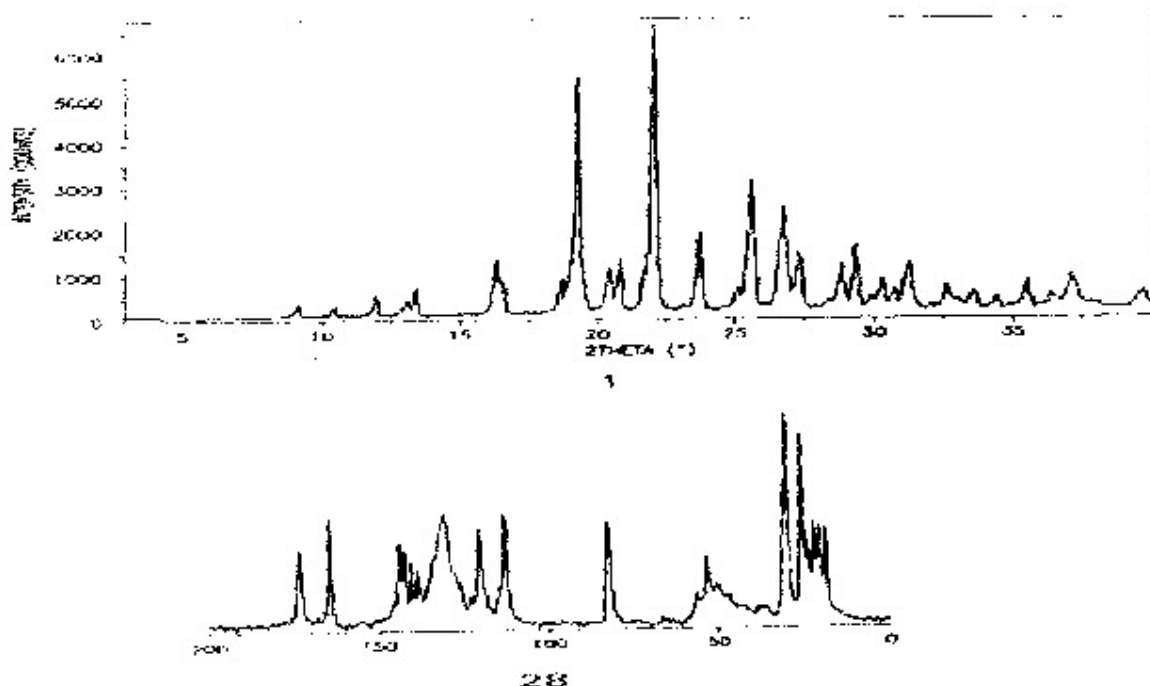
9)WANG, YALING

10)WENSLOW, ROBERT, M

11)CHEN, CHENG-YI

(57) Abstract :

The present invention is directed to a practical process for the preparation of an enamide (II) by palladium catalyzed coupling of a primary amide (IV) with a compound of structural formula (111), as shown below: As well as to crystalline forms of a compound produced by this process, in particular, an anhydrous crystal form, Form B, and crystalline solvates falling into three patterns, Type 1, Type 2, and Type 3, and crystalline intermediate compounds produced in the process. Still further, the present invention relates to the stereoselective reduction of the tetrasubstituted enamide (II) to the corresponding amide (I). .



(12) PATENT APPLICATION PUBLICATION

(21) Application No.801/DEL/2006 A

(19) INDIA

(22) Date of filing of Application :23/03/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : "WIND BLADE CONSTRUCTION AND SYSTEM AND METHOD THEREOF"

(51) International classification

:F03D 3/06

(31) Priority Document No

:11/094,
952

(32) Priority Date

:31/03/2005

(33) Name of priority country

:U.S.A.

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)GENERAL ELECTRIC COMPANY

Address of Applicant :1 RIVER ROAD, SCHENECTADY, NY
12345, USA. U.S.A.

(72)Name of Inventor :

1)LIN WENDY WEN-LING

2)FINN SCOTT ROGER

3)KOOTSTRA DIRK-JAN

(57) Abstract :

A method for constructing a wind turbine blade (16) for installation at a wind farm location (10) is described herein. In accordance with the present method, primary components of the wind turbine blade (16), such as, for example, the root and the spar caps, are manufactured in a first manufacturing facility (22). Secondary components such as, for example, the skin, are manufactured at a second manufacturing facility (24), which is closer to the wind farm location (10) than the first manufacturing facility (22). The manufactured primary and secondary components may be assembled in an assembly location near the wind farm (10).

(54) Title of the invention : "A CONTAINMENT DEVICE"

(51) International classification	:A61G 17/06
(31) Priority Document No	:2003906939
(32) Priority Date	:16/12/2003
(33) Name of priority country	:Australia
(86) International Application No	:PCT/AU2004/001752
Filing Date	:13/12/2004
(87) International Publication No	:WO 2005/058224
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)ROSARIO ADAMO

Address of Applicant :UNIT 6, 10 ORIELE STREET, PERIGIAN, QUEENSLAND 4576, AUSTRALIA Australia

2)MICHAEL EDMOND PETRASCU

(72)Name of Inventor :

1)ROSARIO ADAMO**2)MICHAEL EDMOND PETRASCU**

(57) Abstract :

A body containment device (10) includes an elongate upper impervious flexible panel (14) and a substantially elongate lower impervious flexible panel (16), each having an inside surface, an outside surface, opposed side edges (22,24) and opposed ends (18,20). The upper and lower panel members form a cavity (12) between the inside surfaces. The opposed ends form respective ends of the device and at least one of the device ends is operable insertion of a body into the cavity for storage. A heat and/or pressure sensitive sealing arrangement is arranged for hermetically sealing the open end(s). Also included are a fluid absorbent composition (30) arranged on the inside surface of said lower panel member for absorbing gaseous and/or liquid decomposition products escaping from said body, and at least one pressure release valve (26) arranged through an aperture in said upper panel member for releasing pressure in the cavity when the pressure due to the gaseous and/or liquid decomposition products in the cavity exceeds a predetermined level. The pressure release valve has a first housing member (36) arranged within the cavity and having a first chamber (40) and a second housing member (38) arranged on said outside surface of the upper panel and having a second chamber (54). A one way valve (44) is positioned between the first and second chambers and is arranged to open to allow the gaseous decomposition products to pass into the second chamber and through vents (64) in the second housing member to atmosphere and thereby releasing pressure in the cavity when the pressure therein exceeds the predetermined level. The first chamber contains vapour retention media (68) for substantially retaining vapour entrained in the gaseous decomposition products and the second chamber contains bacteria filtering media (72) for substantially filtering bacteria before the filtered gaseous decomposition products passing through the vents.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4061/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :14/07/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : "EPITOPE/PEPTIDE RECOGNIZED BY HLA-A2402-RESTRICTED EP-CAM-SPECIFIC CTL AND USE OF THE SAME"

(51) International classification	:A61K 39/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/JP2005/000587
Filing Date	:19/01/2005
(87) International Publication No	:WO 2005/068632
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)AICHI PREFECTURE
Address of Applicant :1-2, SANNOMARU 3-CHOME, NAKA-KU,
NAGOYA-SHI, AICHI 460-8501, JAPAN Japan
2)OTSUKA PHARMACEUTICAL CO., LTD.
(72)**Name of Inventor :**
1)KIYOTAKA KUZUSHIMA

(57) Abstract :

A peptide consisting essentially of the amino acid sequence represented by SEQ ID NO:1; a peptide consisting essentially of the amino acid sequence represented by SEQ ID NO:2; or a mutant peptide consisting essentially of an amino acid sequence derived from the amino acid sequence represented by SEQ ID NO:1 or 2 by addition, deletion or substitution of one or more amino acids, the peptide being capable of forming a complex with an HLA-A2402 molecule to be recognized by HLA-A2402-restricted cytotoxic T lymphocytes or induce such lymphocytes. Such a peptide is useful as a cancer vaccine for epithelial cancer patients having HLA-A2402.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4062/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :14/07/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : "A METHOD AND A SYSTEM FOR CONTROL OF A DEVICE FOR COMPRESSION"

(51) International classification	:F02M 25/03
(31) Priority Document No	:0400129-3
(32) Priority Date	:22/01/2004
(33) Name of priority country	:Sweden
(86) International Application No	:PCT/SE2005/000065
Filing Date	:21/01/2005
(87) International Publication No	:WO 2005/071249
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)CARGINE ENGINEERING AB
Address of Applicant :KOMPANIGATAN 10, 1 TR, S-254 38
HELSINGBORG, SWEDEN. Sweden
(72)**Name of Inventor :**
1)MATS HEDMAN

(57) Abstract :

A system for controlling a device for the compression of a medium in the compression chamber (15) of a combustion engine or a com-5 pressor, by which method a liquid, in the state of a spray, is introduced into the compression chamber (15) during a compression stroke, comprising means for pressurizing and heating said liquid and means (10) for introducing the liquid into the compression the temperature in the compression chamber (15). The system comprises a control unit (5) that is operatively connected with the means (12) for determining the pressure and/or the temperature and with the means for pressurizing and heating the liquid, and includes a the means (10) for the introduction of the liquid into the compression chamber (15) upon basis of the information concerning the pressure and the temperature in the compression chamber, the liquid being pressurised an heated, before being introduced into the compression the spray will explode spontaneously upon entrance into the compression chamber (15).

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4064/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :14/07/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : "METHOD FOR STABILIZING CATALYST ACTIVITY DURING MTO UNIT OPERATION"

(51) International classification	:C12G 3/00
(31) Priority Document No	:10/774,859
(32) Priority Date	:09/02/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2005/001702
Filing Date	:20/01/2005
(87) International Publication No	:WO 2005/078064
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)EXXONMOBIL CHEMICAL PATENTS INC.
Address of Applicant :5200 BAYWAY DRIVE, BAYTOWN,
TEXAS 77520-5200, USA U.S.A.

(72)**Name of Inventor :**
1)SHUN C. FUNG
2)RICHARD B. HALL
3)HAFEDH KOCHKAR
4)KARL G. STROHMAIER
5)NICOLAS P. COUTE
6)KENNETH R. CLEM

(57) Abstract :

A method for maintaining the activity of silicoaluminophosphate (SAPO) molecular sieve catalyst particles during oxygenate to olefin conversion reactions. After regeneration of SAPO catalyst particles, the regenerated particles are mixed with particles having coke on their surface in a manner that maintains their catalytic activity at a predetermined level.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4066/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :14/07/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : "INTERNAL REFORMING FUEL CELL ASSEMBLY WITH SELECTIVELY ADJUSTABLE DIRECT AND INDIRECT INTERNAL REFORMING "

(51) International classification	:H01M 8/04
(31) Priority Document No	:10/774,113
(32) Priority Date	:06/02/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US04/028915
Filing Date	:03/09/2004
(87) International Publication No	:WO 2005/083827
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)FUELCELL ENERGY, INC.
Address of Applicant :3 GREAT PASTURE ROAD, DANBURY,
CONNECTICUT 06813, U.S.A. U.S.A.
(72)**Name of Inventor :**
1)SCOTT C. BLANCHET
2)RAMAKRISHNAN VENKATARAMAN

(57) Abstract :

A fuel cell system in which a fuel cell assembly having one or more fuel cells is adapted to include one or more direct internal reforming passages and one or more indirect internal reforming passages for reforming a fuel supply. The system is further provided with a coupling assembly for selectively and adjustably controlling the coupling of first and second fuel supply portions to the respective one or more indirect internally reforming passages and the one or more direct internally reforming passages-

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4068/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application : 14/07/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : "METHOD FOR STABILIZING MACROLIDE COMPOUNDS"

(51) International classification	:C07D 407/06
(31) Priority Document No	:2004-20804
(32) Priority Date	:29/01/2004
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2005/001637
Filing Date	:28/01/2005
(87) International Publication No	:WO 2005/073223
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)EISAI R & D MANAGEMENT CO., LTD.
Address of Applicant :6-10 KOISHIKAWA 4-CHOME, BUNKYO-KU, TOKYO, JAPAN Japan
2)MERCIAN CORPORATION
3)NA
(72)**Name of Inventor :**
1)HIROSHI ISHIHARA
2)SUSUMU TAKEDA
3)TOMONARI YAMADA
4)YOSHIAKI ASAH

(57) Abstract :

The present invention provides a method for stabilizing a macrolide compound, and an efficient method for producing the compound. Specifically, it provides a method for stabilizing a macrolide compound, in which a 12-membered ring macrolide compound, such as a compound expressed by the formula (1) and a cyclodextrin are both present, and a method for producing a macrolide compound, in which a cyclodextrin is made to be present in a culture broth of actinomycetes having an ability of producing the macrolide compound.

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(21) Application No.: 01741/CAL/1998

A

(22) Date of filing of Application: 25/09/1998

(43) Publication Date: 22/06/2007

(54) Title of the invention: : “A DEVICE FOR OPTIMISATION AND CONTROL OF A CROP SHEAR FOR HOT STRIP MILLS”

(51) International classification : B23D 15/00

(31) Priority Document No : N.A

(32) Priority Date : N.A

(33) Name of priority country : N.A

(86) International Application No : NIL
and Filing Date:

(87) International Publication No : NIL

(61) Patent of addition to Application : NIL
No :

Filed on : NIL

(62) Divisional to Application No : NIL
Filed on : NIL

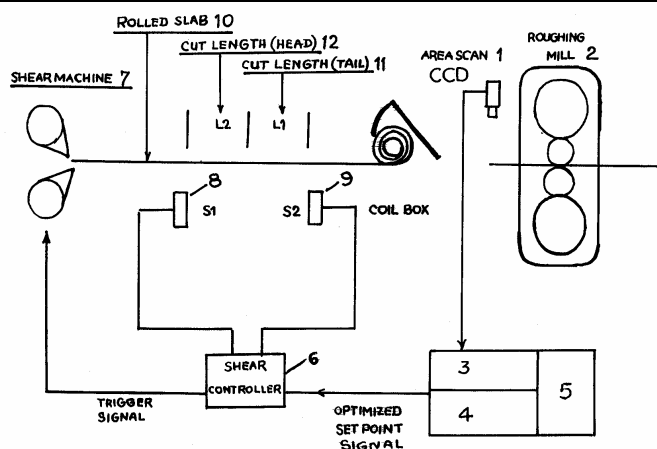
(71) Name of Applicant:
SISTLA, PRASANTHA KUMAR SAHA,
RAVI SHANKAR THAKUR AND
DIPANKAR SENGUPTA

Address of the Applicant: C/O THE TATA
IRON & STEEL COMPANY LTD.
AUTOMATION DIVISION,
JAMSHEDPUR 831 001, BIHAR, INDIA,
THE TATA IRON & STEEL CO. LTD OF
BOMBAY HOUSE, 24 HOMI MODY
STREET, MUMBAI 400 001, INDIA

(72) Name of the Inventor: SISTLA,
PRASANTHA KUMAR SAHA, RAVI
SHANKAR THAKUR AND DIPANKAR
SENGUPTA

Filed U/S 5(2) before The
Patents (Amendment)
Act: 2005:NO

(57) Abstract: A device for optimisation and control of a crop shear for hot strip mills comprising a linear array area scan CCD (1) scanner with environmental enclosure, installed at the exit of the last roughing stand of a rolling mill (2) and connected to an image processing system having a high speed frame grabber and image processing card (DSP based) for high speed processing (3), an image processing industrial computer (4) with a high resolution colour graphics monitor (5), the said image processing system is providing a signal of optimized set point to the shear controller (6) of the operator interface, the shear controller (6) is provided with two HMD electronics with HMD sensors (8,9) for generating a trigger signal to the shear machine (7) to cut roller slab (10) at cut lengths of tail (11) and head (12) of the said slab (10).



(FIG.1)

(12)	PATENT APPLICATION PUBLICATION		
(19)	INDIA	(21)	Application No.: 00727/KOL/2004
(22)	Date of filing of Application: 19/11/2004	(43)	Publication Date: 22/06/2007

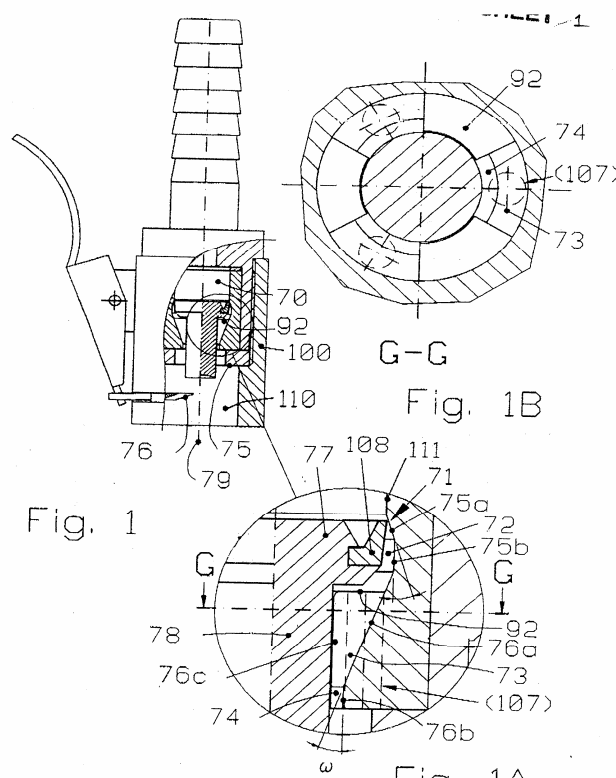
A

(54) Title of the invention: : "VALVE ACTUATOR"

(51)	International classification	: F15B15/02	(71)	Name of Applicant: NVB INTERNATIONAL,
(31)	Priority Document No	: 97/0436 U3		Address of the Applicant:
(32)	Priority Date	: 19/11/1997		12, P.O. BOX 69, 3460 BIRKEROD,
(33)	Name of priority country	: DENMARK		DENMARK
(86)	International Application No and Filing Date:	: NIL	(72)	Name of the Inventor: BLOM , NICOLAAS VAN DER
(87)	International Publication No	: NIL		
(61)	Patent of addition to Application No	: NIL		
	Filed on	: NIL		Filed U/S 5(2) before The
(62)	Divisional to Application No	: 2041/CAL/1998		Patents (Amendment)
	Filed on	: 19/11/1998		Ordinance, 2004: NO

(57) **Abstract:** The purpose of the invention is to provide a valve actuator with an activating pin of a simple construction.

This task is solved by the present invention as recited in claim 1; where in the first position the piston (77,84) is at a first predetermined distance from the first end (92) of the cylinder (70,99,136,142) in the second position the piston (77,84) is at a second predetermined distance from the first end (92) of the cylinder (70,99,136,142) said second predetermined distance being larger than said first predetermined distance, and the housing (100,104,120, 121,149,132) comprises a channel (71, 72,73,74,80,81,133,134,135) for allowing the conduction of gaseous and/or liquid media between the cylinder (70,99,136,142) and the coupling section 103,110,130,147) when the piston is in the first piston position, inhibiting the conduction of gaseous and/or liquid media between the cylinder (70,99,136,142) and the coupling section (103,110,130,147) when the piston is in the second piston position.



(FIG.1, 1A, 1B)

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application: 02/02/2005

(21) Application No.: 00064/KOL/2005

(43) Publication Date: 22/06/2007

A

(54) Title of the invention: : "A METHOD OF EVALUATING THE SOUNDNESS OF RAILS BY USING OFF LINE ULTRASONIC TESTING TECHNIQUE"

(51) International classification : B61k9/10,
G01N29/28,
G01N29/00

(31) Priority Document No : NIL

(32) Priority Date : NIL

(33) Name of priority country : NIL

(86) International Application No and Filing Date: : NIL

(87) International Publication No : NIL

(61) Patent of addition to Application No : NIL

Filed on : NIL

(62) Divisional to Application No : NIL

Filed on : NIL

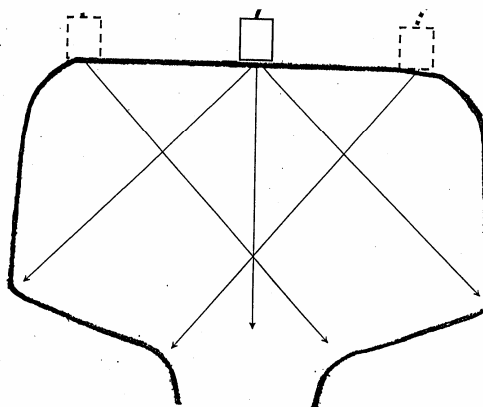
(71) **Name of Applicant: THE TATA IRON AND STEEL COMPANY LIMITED.**

Address of the Applicant:
RESEARCH AND DEVELOPMENT
DIVISION, JAMSHEDPUR-831 001, INDIA

(72) 1. Name of the Inventor:
BHATTACHARYA, ARYA K
2. SRINIVAS, P.S.
3. DAS, JADAV
4. BHANU, CHAITANYA

Filed U/S 5(2) before The
Patents (Amendment)
Ordinance, 2004: NO

(57) Abstract: The Invention relates to a method for evaluating the soundness of rails using ultrasonic testings. The method comprises the steps of providing a plurality of ultrasonic probes and positioning said probes on head, web and foot portions of the rails under test, and measuring the amplitude of reflected ultrasonic echo, thereby predicting location and size of a flaw.



(FIG.3)

(12) PATENT APPLICATION PUBLICATION**(19) INDIA****(22) Date of filing of Application: 10/03/2005****(21) Application No.: 00149/KOL/2005****A****(43) Publication Date: 22/06/2007****(54) Title of the invention: A PHOSPHATING PROCESS FOR SURFACE PASSIVATION OF AN ACTIVE METAL LIKE REBAR STEEL****(51) International classification : C23C 22/27****(31) Priority Document No : NIL****(32) Priority Date : NIL****(33) Name of priority country : NIL****(86) International Application No and Filing Date :****(87) International Publication No :****(61) Patent of addition to Application No : NIL****Filed on : N.A.****(62) Divisional to Application No : NIL****Filed on : N.A.****(71) Name of Applicant:****THE TATA IRON AND STEEL COMPANY****Address of the Applicant:**RESEARCH AND DEVELOPMENT DIVISION
JAMSHEDPUR-831 001 INDIA**(72) Name of the Inventor:****1. MANNA MANINDRA****2. BANDYOPADHYAY N****Filed U/S 5(2) before The Patents (Amendment) Act, 2005: NO****(57) Abstract:**

A phosphating process for surface passivation of an active metal like rebar steel comprising the steps of:

-preparing a phosphating solution of phosphoric acid, zinc oxide and/or nitric acid, having a pH value in the range of 1.2 to 3.2;

-applying said phosphating solution on the surfaces of rebar steel by dipping in a bath of the solution, and

-allowing said rebar surface to dry after phosphate treatment using the inherent heat to obtain good uniform black coating on the rebar surface.

(FIG. - NIL)

(12) **PATENT APPLICATION PUBLICATION**

(19) **INDIA**

(21) **Application No.: 00156/KOL/2005**

A

(22) **Date of filing of Application: 11/03/2005**

(43) **Publication Date: 22/06/2007**

(54) **Title of the invention: : PROCESS TECHNOLOGY FOR PRODUCTION OF HIGH STRENGTH HIGH HARDNESS AND WEAR RESISTANT STEEL PLATES**

(51) **International classification : C21D 8/02**

(71) **Name of Applicant: STEEL AUTHORITY OF INDIA LIMITED**

(31) **Priority Document No : N.A**

(32) **Priority Date : N.A**

Address of the Applicant:
DORANDA, RANCHI-834 002, STATE OF JHARKHAND, INDIA

(33) **Name of priority country : N.A**

(86) **International Application No and Filing Date: : NIL**

(72) **Name of the Inventor: I. RAM AVTAR
II. JHA BIMAL KUMAR
III. GHOSH SOMNATH
IV. SINGH GANESHWAR**

(87) **International Publication No : NIL**

(61) **Patent of addition to Application No : NIL**

Filed on : NIL

Filed U/S 5(2) before The Patents (Amendment) Ordinance, 2004: NO

(62) **Divisional to Application No : NIL**

Filed on : NIL

(57) **Abstract:** A process for production of steel plates with high strength, high hardness and wear resistance, said process comprising selection of the alloying elements in defined proportions, heat treatment cycle at temperature ranging from 850 °C to 950 °C comprising optimization of quenching and tempering adapted for increasing the hardness of the steel plates and rolling adapted for providing steel plates of thickness ranging from 10-32 mm.

(FIG.NIL)

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(21) Application No.: 00199/KOL/2005

A

(22) Date of filing of Application: 122/03/2005

(43) Publication Date: 22/06/2007

(54) Title of the invention: : SELECTIVELY GROOVED COLD PLATE FOR ELECTRONICS COOLING

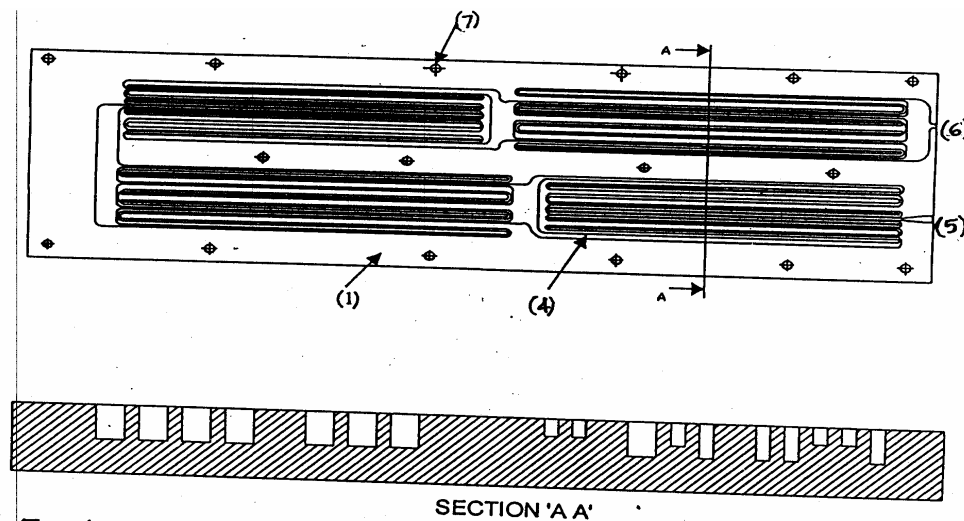
(51) International classification :
(31) Priority Document No : NIL
(32) Priority Date : NIL
(33) Name of priority country : NIL
(86) International Application No and Filing Date: : NIL
(87) International Publication No : NIL
(61) Patent of addition to Application No : NIL
Filed on : NIL
(62) Divisional to Application No : NIL
Filed on : NIL

(71) Name of Applicant: BHARAT HEAVY ELECTRICALS LIMITED,
Address of the Applicant: 3RD FLOOR, KARUNAMOYEE, SALT LAKE CITY, KOLKATA-700091, BHEL HOUSE, SIRI FORT, NEW DELHI-110049, INDIA

(72) Name of the Inventor:
1. NAGAPATNAM SUNDARARAJAN
2. KONALA LAKSHMANA REDDY
3. UPPERLA NARASIMHA RAO
4. SHANMUGAM VEERAMANI

Filed U/S 5(2) before The Patents (Amendment) Ordinance, 2004: NO

(57) Abstract: The invention relates to an improved heat exchanger device adaptable for cooling the electronic components mounted over the device. The electronic components dissipate varied thermal loads which depend upon the shape, size and function of the electronic components. A fluid passing through a plurality of in-built passages within the device extracts the heat generated by the electronic components by convection and transfers the same to an adjacently disposed sink.



(FIG.1)

(12) **PATENT APPLICATION PUBLICATION**

(19) **INDIA**

(22) **Date of filing of Application: 09/04/2001**

(21) **Application No.: 00204/KOL/2001**

(43) **Publication Date: 22/06/2007**

A

(54) **Title of the invention:** : **“VIBRATION SENSING ASSEMBLY”**

(51) **International classification** : **H01H35/14**

(31) **Priority Document No** : **NIL**

(32) **Priority Date** : **NIL**

(33) **Name of priority country** : **NIL**

(86) **International Application No and Filing Date:** : **NIL**

(87) **International Publication No** : **NIL**

(61) **Patent of addition to Application No** : **NIL**

Filed on : **NIL**

(62) **Divisional to Application No** : **NIL**

Filed on : **NIL**

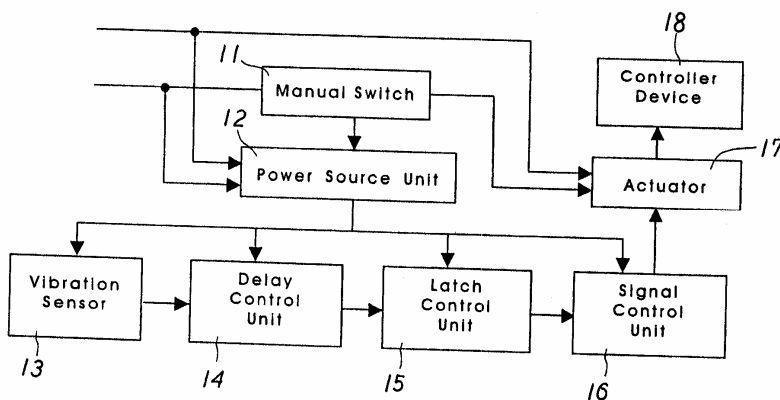
(71) **Name of Applicant:** JUNG-TSUNG WEI

Address of the Applicant: 176, SEC. 2, DUNG
MEN RD., TAINAN, TAIWAN, CHINA,

(72) **Name of the Inventor:** JUNG-TSUNG WEI

**Filed U/S 5(2) before The
Patents (Amendment)
Ordinance, 2004: NO**

(57) **Abstract:** A vibration sensing assembly has a manual switch 11, a power source unit 12, a vibration sensor 13, a delay control unit 14, a latch control unit 15, a signal control unit 16, an actuator 17, and a controlled device 18. The manual switch 11 is connected to the power source unit 12. The power source unit 12 is connected to the vibration sensor 13, the delay control unit 14, the latch control unit 15, and the signal control unit 16. The delay control unit 14 is connected to the vibration sensor 13 and the latch control unit 15. The signal control unit 16 is connected to the latch control unit 15 and the actuator 17. The actuator 17 is connected to the controlled device 18.



(FIG.3)

(12) PATENT APPLICATION PUBLICATION**(19) INDIA****(21) Application No.: 00255/KOL/2005****A****(22) Date of filing of Application: 31/03/2005****(43) Publication Date: 22/06/2007**

(54) Title of the invention: YARN PROCESSING METHOD AND YARN PROCESSING MACHINE

(51) International classification	:	D02G 3/00
(31) Priority Document No	:	04008682.9
(32) Priority Date	:	10/04/2004
(33) Name of priority country	:	EUROPE
(86) International Application No and Filing Date	:	NA
(87) International Publication No	:	NA
(61) Patent of addition to Application No Filed on	:	NA
(62) Divisional to Application No Filed on	:	NA

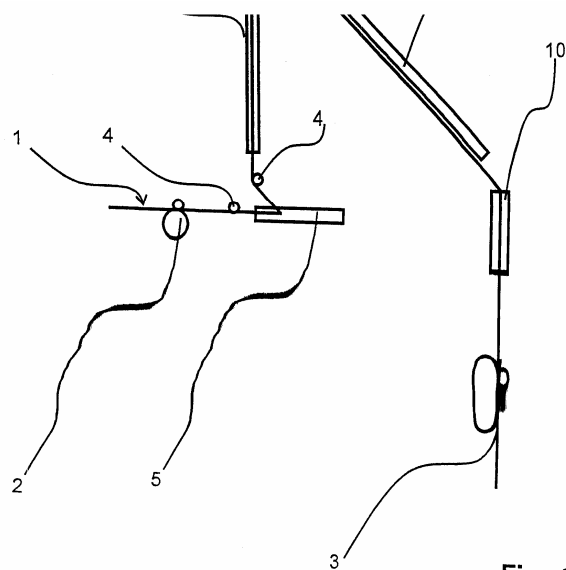
(71) Name of Applicant:	SCHARER SCHWEITER METTLER AG.,
Address of the Applicant:	NEUGASSE 10, CH-8812 HORGEN, SWITZERLAND.

(72) Name of the Inventor:	MACCABRUNI, DAVIDE SCHAAD, MARC

Filed U/S 5(2) before The Patents (Amendment) Act, 2005: NO

(57) Abstract:

A yarn processing method is proposed for producing a fancy yarn from at least one filament yarn (1), comprising the process steps of supplying the filament yarn (1) into a texturing unit (10) with a run of thread having a filament yarn tension, and texturing the filament yarn (1) using the texturing unit (10). According to the invention, the filament yarn tension is repeatedly lowered over time by repeatedly producing in each case a stock of filament yarn which is repeatedly supplied to the run of thread before supplying the filament yarn (1) into the texturing unit (10).

**Fig. 1**

(FIG.1)

(12) **PATENT APPLICATION PUBLICATION**

(19) **INDIA**

(22) **Date of filing of Application: 26/04/2005**

(21) **Application No.: 00350/KOL/2005**

A

(43) **Publication Date: 22/06/2007**

(54) **Title of the invention: CASHEW NUT SHELLER**

(51) **International classification : A23N 5/00**

(31) **Priority Document No : NA**

(32) **Priority Date : NA**

(33) **Name of priority country : NA**

(86) **International Application No and : NA**

Filing Date

(87) **International Publication No : NA**

(61) **Patent of addition to Application No : NIL**

Filed on : N.A.

(62) **Divisional to Application No : NIL**

Filed on : NIL

(71) **Name of Applicant:**

BIDHAN CHANDRA KRISHI

VISWAVIDYALAYA

Address of the Applicant:

P.O. KRISHI VISWAVIDYALAYA DIST. NADIA-
741252 ,W.B., INDIA

(72) **Name of the Inventor:**

1. S.K. SWAIN

2. J.P. GUPTA

**Filed U/S 5(2) before The Patents (Amendment)
Act, 2005: NO**

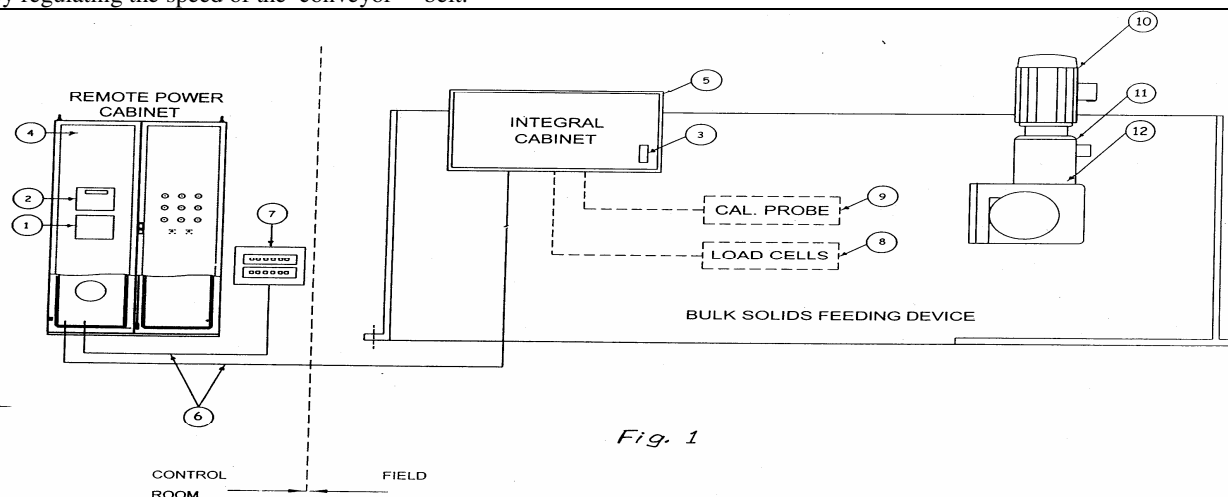
(57) Abstract:

The present invention relates to a cashew nut Sheller comprising a main frame, pedal operating assembly, top shelling assembly wherein the main frame is attached to the pedal operating assembly, with is connected to the spring loaded actuating assembly and this assembly is attached t a top shelling assembly, fitted with a shelling unit.

(FIG. - nil)

(12)	PATENT APPLICATION PUBLICATION				
(19)	INDIA		(21)	Application No.: 00358/KOL/2005	A
(22)	Date of filing of Application: 27/04/2005		(43)	Publication Date: 22/06/2007	
(54)	Title of the invention:	:	RETROFIT KIT FOR ENHANCEMENT OF CONTROL OF BULK SOLIDS FEEDING DEVICE		
(51)	International classification	:	F23K 3/18, F23 K 3/22,	(71)	Name of Applicant: BHARAT HEAVY ELECTRICALS LIMITED Address of the Applicant: 9/1, DJBLOCK 3 RD FLOOR, KARUNAMOYEE, SALT LAKECITY, KOLKATA-700091, REGISTERED OFFICE AT BHEL HOUSE, SIRI FORT, NEW DELHI-110049, INDIA
(31)	Priority Document No	:	N.A	(72)	Name of the Inventor: 1. MR. SWAMINATHAN DAKSHINA MOORTHY,
(32)	Priority Date	:	N.A		2. DAVID PLAKKAL JAKOB
(33)	Name of priority country	:	N.A		3. MR. DURAISAMY MAHENDRABABU,
(86)	International Application No and Filing Date:	:	NIL		4. MR. THANGAVEL KANAGARAJ
(87)	International Publication No	:	NIL		5. THASAL MATHRSA MOHIDEEN NAZEER AHAMED
(61)	Patent of addition to Application No	:	NIL		6. MS.RADHAKRISHNAN PADMINI
	Filed on	:	NIL		7. MR. ARUMUGAM SHANMUGAM
(62)	Divisional to Application No	:	NIL		8. MR. SIVANATHAN DHARMALINGAM
	Filed on	:	NIL		Filed U/S 5(2) before The Patents (Amendment) Act: 2005:NO

(57) Abstract: The invention relates to a system for online computation and control of bulk solids feeding to pulverizers envisaged In coal-fired boilers, comprising a feeding device having a motor (10) driving an eddy current clutch (ii) which drives a conveyor belt of the pulverizers. The feeding device accommodates a signal conditioning module (3), and additionally having an integral cabinet (5), a remote power cabinet (1) having a man-machine interface (2), and a card rack 1), the interconnections between the remote power cabinet (4) and the integral cabinet (95) being established via a screened cable (6), a plant-control desk (7) storing and displaying data relating to coal integration and feed rate for operators control, and a calibration probe (9) operable to perform calibration by sing test-weights attached to the feeding device. The card rack (1) comprises at least one microprocessor/ microcontroller module, a power-supply and motor peed control, and a plurality of Interface electronic modules, and wherein the microprocessor microcontroller module determines the actual feed rate based speed factor and a weight factor estimated during the calibration of the feeding device, the actual feed rate being compared with a fuel-demand feed rate signalled by the signal conditioning module (3) to determine a motor-speed point by means of the power supply and motor speed control module which the eddy current clutch (11) thereby regulating the speed of the conveyor belt.



(FIG.1)

(12) **PATENT APPLICATION PUBLICATION**

(19) **INDIA**

(22) **Date of filing of Application: 20/05/2005**

(21) **Application No.: 00417/KOL/2005**

A

(43) **Publication Date: 22/06/2007**

(54) **Title of the invention:** METHOD AND AGENT FOR THE PROTECTION AGAINST THE UNAUTHORISED USE OF COMPUTER RESOURCES

(51) **International classification** : G06F 1/00
(31) **Priority Document No** : 123512
(32) **Priority Date** : 02/03/1998
(33) **Name of priority country** : ISRAEL
(86) **International Application No and Filing Date** : PCT/IL99/00113 : 25/02/1999
(87) **International Publication No** :
(61) **Patent of addition to Application No Filed on** :
(62) **Divisional to Application No Filed on** : IN/PCT/2000/00267 : 28/08/2000

(71) **Name of Applicant:**
COMPUTER ASSOCIATES THINK, INC.
Address of the Applicant:
ONE COMPUTER ASSOCIATES PLAZA,
ISLANDIA, 11749, NEW YORK, UNITED
STATES OF AMERICA

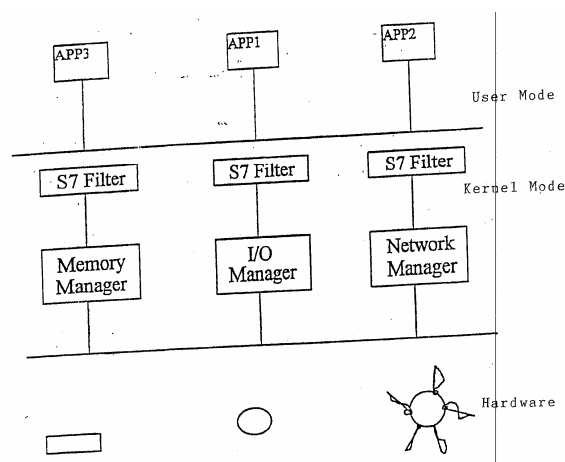
(72) **Name of the Inventor:**
ELGRESSY DORON; BEN ADERET
FABIAN

**Filed U/S 5(2) before The Patents (Amendment)
Act, 2005: NO**

(57) Abstract:

Method and agent for preventing a hostile use of computer resources by a User Mode application running on a workstation. A list of services that are not allowed for access by unspecified User Mode applications is determined, and when such unspecified User Mode application runs on the workstation, any direct access of the application to the resources is prevented. Any direct or indirect request for access to specific services is analysed, to determine whether such request is allowable according to the list. The workstation processes the request if it is allowable. The unspecified User Mode application is prevented from accessing the requested resource if the request is not allowable. The resource may be any local or remote resource, such as, memory allocation, files, directories, operations in files and directories, such as copy, delete or compress, or any other operation leading to a permanent change in the workstation or its periphery. A look-up table which includes a list of services that are not allowed for access by unspecified User Mode applications is used to determine whether requests made directly or indirectly by the unspecified Use Mode application are allowable. The agent comprises a pre-set list of User Mode applications including a list of resources that each application may utilize.

(FIG.1)



(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application: 31/05/2005

(21) Application No.: 00455/KOL/2005

(43) Publication Date: 22/06/2007

A

(54) Title of the invention: : VEHICLE

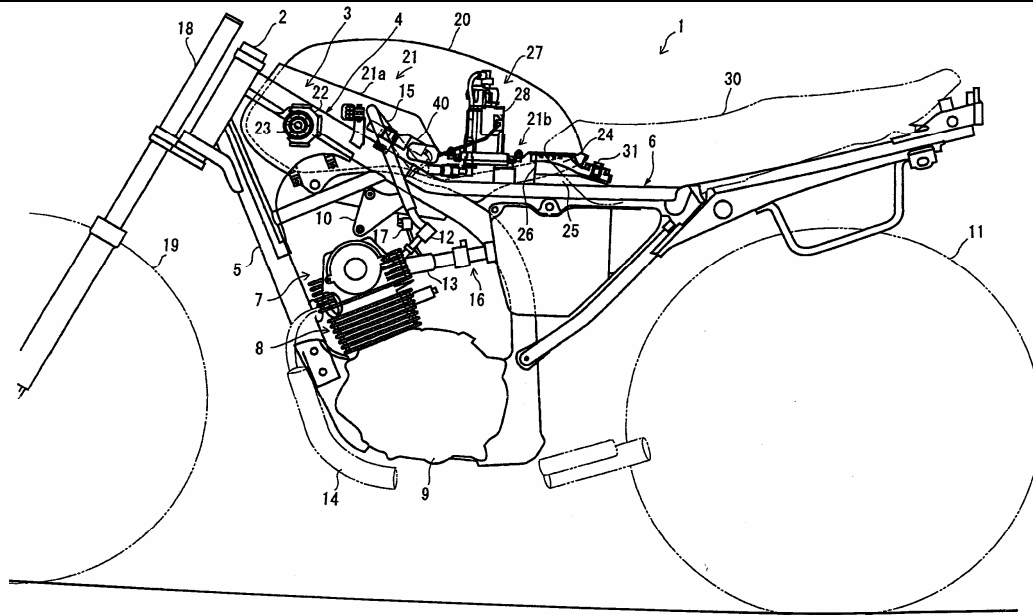
(51) International classification : B62D5/04
(31) Priority Document No : 2004-162178
(32) Priority Date : 31/05/2004
(33) Name of priority country : JAPAN
(86) International Application No and Filing Date: : NIL
(87) International Publication No : NIL
(61) Patent of addition to Application No : NIL
Filed on : NIL
(62) Divisional to Application No : NIL
Filed on : NIL

(71) Name of Applicant: YAMAHA HATSUDOKI
KABUSHIKI KAISHA
Address of the Applicant:
2500 SHINGAI, IWATA-SHI, SHIZUOKA
438-8501, JAPAN

(72) Name of the Inventor: 1. SATOSHI SUZUKI
AND
2. FUMITO HIRANO

Filed U/S 5(2) before The
Patents (Amendment)
Ordinance, 2004: NO

(57) Abstract: In performing an operation for turning and opening a fuel tank (20), a flat section (21b) of the fuel tank (20) rises in a direction to the front of a vehicle, a bent section is a of a fuel supply pipe (15) extends according to this rising operation, and the fuel supply pipe (15) between a fuel delivery section (27a) and the bent section 15a opens mainly upward. In this way, when the fuel tank (20) is turned and opened, since the bent section (15a) of the fuel supply pipe 15 extends and the fuel supply pipe (15) between the fuel delivery section 27a and the bent section (15a) opens mainly upward, the fuel supply pipe (15) never interferes with the other members and never hinders maintenance.



(FIG.1)

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application: 03/06/2005

(21) Application No.: 00470/KOL/2005

(43) Publication Date: 22/06/2007

A

(54) Title of the invention: : "A METHOD FOR REAL TIME PREDICTION OF CARBON CONCENTRATION IN MOLTEN STEEL DURING RH DEGASSING"

(51) International classification : 21C 001/04

(31) Priority Document No : NIL

(32) Priority Date : NIL

(33) Name of priority country : NIL

(86) International Application No and Filing Date: : NIL

(87) International Publication No : NIL

(61) Patent of addition to Application No : NIL

Filed on : NIL

(62) Divisional to Application No : NIL

Filed on : NIL

(71) Name of Applicant: THE TATA IRON AND STEEL COMPANY LIMITED.

Address of the Applicant:
RESEARCH AND DEVELOPMENT
DIVISION, JAMSHEDPUR-831 001, INDIA

(72) Name of the Inventor:

1. BHATTACHARYA, ARYA K

2. SRINIVAS, P.S.

3. DAS, JADAV

4. BHANU, CHAITANYA

Filed U/S 5(2) before The
Patents (Amendment)
Ordinance, 2004: NO

(57) Abstract: The present invention relates to a method for producing ultra-low carbon steel. The method comprises the step of reducing the pressure Inside a RH degassing chamber using a suction unit, injecting an inert gas like argon through one of a pair of snorkels dipped in liquid steel contained In a ladle arranged below said RH chamber, creating a gradual circulation in the liquid steel, reduced pressure inside the RH chamber promoting formation of CO and CO₂ and extracting exhaust gases continuously for analysis to evaluate proportion of CO and CO₂ a graphic user interface (GUI) displaying the results of the analysis in real time.

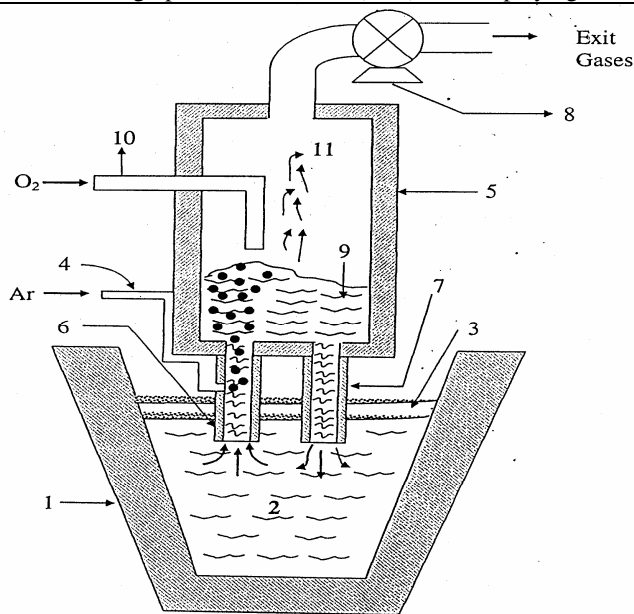


FIG 1

(FIG.1)

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(21) Application No.: 00491/KOL/2005

A

(22) Date of filing of Application: 10/06/2005

(43) Publication Date: 22/06/2007

(54) Title of the invention: : AN ENHANCED CONTROLLER TO CONTROL AND MONITOR THE OPERATION OF ELECTROSTATIC PRECIPITATOR

(51) International classification : B03C 9/00

(31) Priority Document No : N.A

(32) Priority Date : N.A

(33) Name of priority country : N.A

(86) International Application No and Filing Date: : NIL

(87) International Publication No : NIL

(61) Patent of addition to Application No : NIL

Filed on : NIL

(62) Divisional to Application No : NIL

Filed on : NIL

(71) Name of Applicant:

BHARAT HEAVY ELECTRICALS LIMITED,

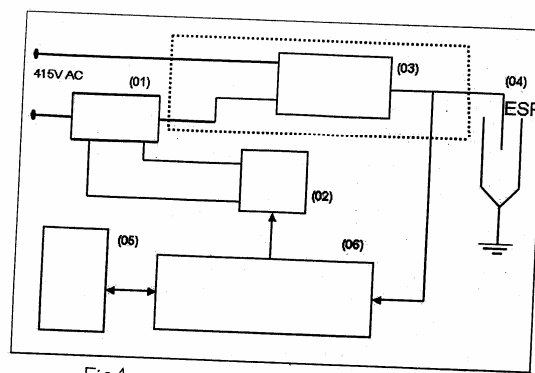
Address of the Applicant: 9/1, DJBLOCK 3RD FLOOR, KARUNAMOYEE, SALT LAKE CITY, KOLKATA-700091, REGISTERED OFFICE AT BHEL HOUSE, SIRI FORT, NEW DELHI-110049, INDIA

(72) Name of the Inventor:

1. BALAKRISHNAN VENKATESHWAR
2. KADAPERI PANCHATSARAM MANIMALA
3. VELU SUBBAN SURESHKUMAR
4. SOMESHWAR TUKARAM GAIKWAD
5. GOURI SHANKAR NAIK
6. THULUKKANAM NAGARAJAN

Filed U/S 5(2) before The Patents (Amendment) Act: 2005:NO

(57) **Abstract:** The invention relates to an enhanced controller to control and monitor the operation of electrostatic precipitator adaptable to industrial plants. The precipitator (04) comprising a plurality of fields with collecting and emitting electrodes, each field being energized with at least one high-voltage transformer (03) via a firing circuit (02) including a thyristor circuit (01), and a plurality of electrical rapping motors being controlled through a rapping circuit (05), a plurality of micro-controller based controllers controlling the plurality of fields, the plurality of microbased controllers connected through a communication area network (CAN) via a bus. The enhanced controller (06) comprising a monitoring device (07) capturing field signals from the electrostatic precipitator (04), a control device (08) controlling ON/OFF operation of the plurality of rapping motors, a communication device (09) providing communication interface between the other precipitator controllers including the remote controllers and the distributed controllers over the communication area network (CAN), and a micro controller (15) having an embedded memory device (10) stored with an inbuilt optimization algorithm enabling the peripheral devices (07,08,09) measuring the field parameters including sharing of the parameters among the plurality of other micro controllers so as to effect a coordinated control for optimum performance of the precipitator (04).



(FIG.1)

(12) PATENT APPLICATION PUBLICATION**(19) INDIA****(21) Application No.: 00542/KOL/2005****A****(22) Date of filing of Application: 23/06/2005****(43) Publication Date: 22/06/2007**

(54) Title of the invention: : DEVELOPMENT OF A LOW-COST PROCESS FOR LARGE AREA, HIGH-PERFORMANCE, AMORPHOUS SILICON DOUBLE JUNCTION SOLAR CELL MODULES

(51) International classification : H011 31/00**(31) Priority Document No : N.A****(32) Priority Date : N.A****(33) Name of priority country : N.A****(86) International Application No and Filing Date: : NIL****(87) International Publication No : NIL****(61) Patent of addition to Application No : NIL****Filed on : NIL****(62) Divisional to Application No : NIL****Filed on : NIL****(71) Name of Applicant:**

BHARAT HEAVY ELECTRICALS LIMITED
Address of the Applicant: 9/1, DJBLOCK 3RD
FLOOR, KARUNAMOYEE, SALT LAKE
CITY, KOLKATA-700091, NEW DELHI-
110049, INDIA.

**(72) Name of the Inventor: SANGALA
RAGHUNATH, REDDY,****Filed U/S 5(2) before The****Patents (Amendment)****Ordinance, 2004: NO**

(57) Abstract: A process for producing a plasma-deposited multi junction solar cell device called an amorphous silicon solar cell module comprising: a plurality of plasma deposited amorphous silicon solar cells consisting of: a transparent sheet glass plate coated with a transparent conductive oxide (TCO) layer by an atmospheric pressure chemical vapour deposition method; a number of fine screen-printed lines and two wider bus bars of Ag frit on TCO and fired at a high temperature for forming metallic contact to each of the individual cells on the glass substrate; a sequence of seven amorphous silicon layers and one micro crystalline silicon layer deposited in a single chamber at elevated substrate temperatures, the process gases being diluted with hydrogen; an amorphous silicon carbide buffer layer with a graded band gap at the sensitive p/i interface produced by brief introduction of a carbon containing process gas such as methane and relying on the continuous vacuum pumping to produce the desired band gap grading; removing traces of dopant gas from the single deposition chamber by alternate purging with hydrogen gas and vacuum pumping; forming a microcrystalline silicon layer such that it form a recombination junction with the p layer of the next junction; carrying out series interconnection of cells in the module by firstly forming without breaking vacuum a back ohmic contact of sputtered silver film covering the entire module area and secondly removing the silver film from specific areas another screen printing and wet chemical etching so as to obtain the desired cell isolation and series interconnection of cells.

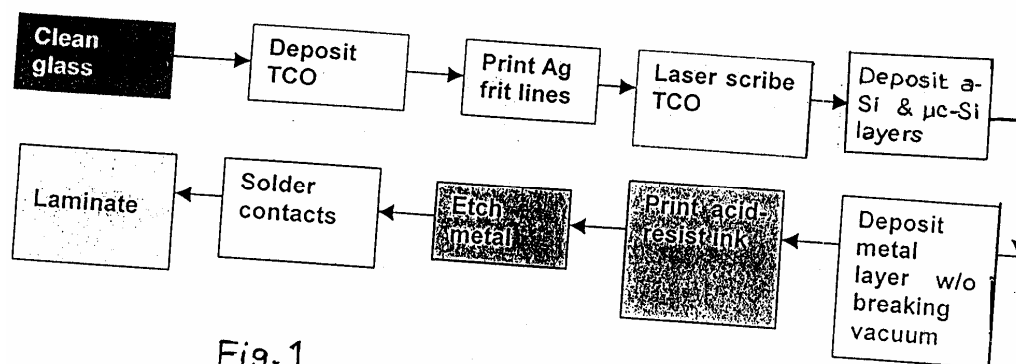


Fig. 1

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application: 06/07/2005

(21) Application No.: 00596/KOL/ 2005 A

A

(43) Publication Date: 22/06/2007

(54) Title of the invention: "AN APPARATUS FOR FURNANCE FLAME DETECTION BY DIGITAL SIGNAL PROCESSING"

(51) International classification : F23N 5/08, 5/24
(31) Priority Document No : NA
(32) Priority Date : NA
(33) Name of priority country : NA
(86) International Application No and Filing Date :
(87) International Publication No :
(61) Patent of addition to Application No : NIL
Filed on : N.A.
(62) Divisional to Application No : NIL
Filed on : N.A.

(71) Name of Applicant: BHARAT HEAVY ELECTRICALS LIMITED,

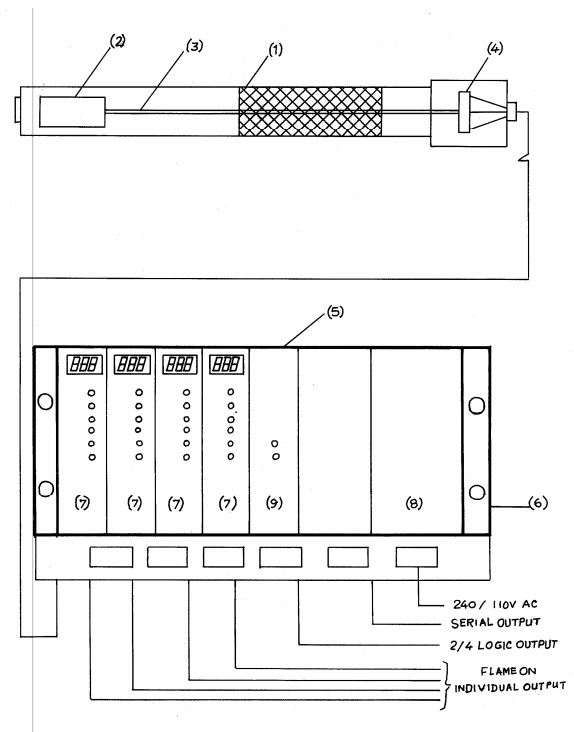
Address of the Applicant: 9/1, DJBLOCK
3rd FLOOR, KARUNAMOYEE, SALT LAKE
CITY, KOLKATA-700091

(72) Name of inventors: - 1. DR. RAMALINGAM
JAYAPAL
2. RAMASAMY VAIRAVAN
3. SIVANANDAM DHARMALINGAM

Filed U/S 5(2) before The Patents (Amendment)
Act, 2005: NO

(57) Abstract:

A microcontroller-based flame detection apparatus adaptable to a boiler system for combined and synchronous monitoring of burner flames to avoid accumulation of unburnt fuel components in the boiler system. The apparatus comprises at least four scanner heads (1), at least one detector amplifier (5) having a power supply module (8), a 2/4 flame detection logic module (8), and at least one each microcontroller based digital signal processing module (9) for the at least four scanner heads (1). A signal cable (10) for interconnecting the scanner heads (1) and the detector amplifier (5). Each detector head (1) is connected via a signal cable (10) to the one each microcontroller-based digital signal processing module (9) which processes the electric signal transmitted by the detector head (1). The detector amplifier (5) converts the Inputted AC power supply to DC supply via the power supply module (8) for feeding to the signal processing modules (1) and the 2/4 flame detection logic module (9). The 2/4 flame detection logic module (9) generates signals representative of 'flame on' condition based on a comparison of output signals from the at least two digital signal processing modules (7).



(FIG. - 1)

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application: 11/07/2005

(21) Application No.: 00603/KOL/ 2005 A

A

(43) Publication Date: 22/06/2007

(54) Title of the invention: "NOVEL DESIGN OF COMPACT ALTERNATOR MOUNTED RECTIFIER FOR DIESEL ELECTRIC LOCOMOTIVE"

(51) International classification : B60L11, HO2P9

(31) Priority Document No : NA

(32) Priority Date : NA

(33) Name of priority country : NA

(86) International Application No and Filing Date :

(87) International Publication No :

(61) Patent of addition to Application No : NIL

Filed on : N.A.

(62) Divisional to Application No : NIL

Filed on : N.A.

(71) Name of Applicant: BHARAT HEAVY ELECTRICALS LIMITED,

Address of the Applicant: 9/1, DJBLOCK 3rd FLOOR, KARUNAMOYEE, SALT LAKE CITY, KOLKATA-700091

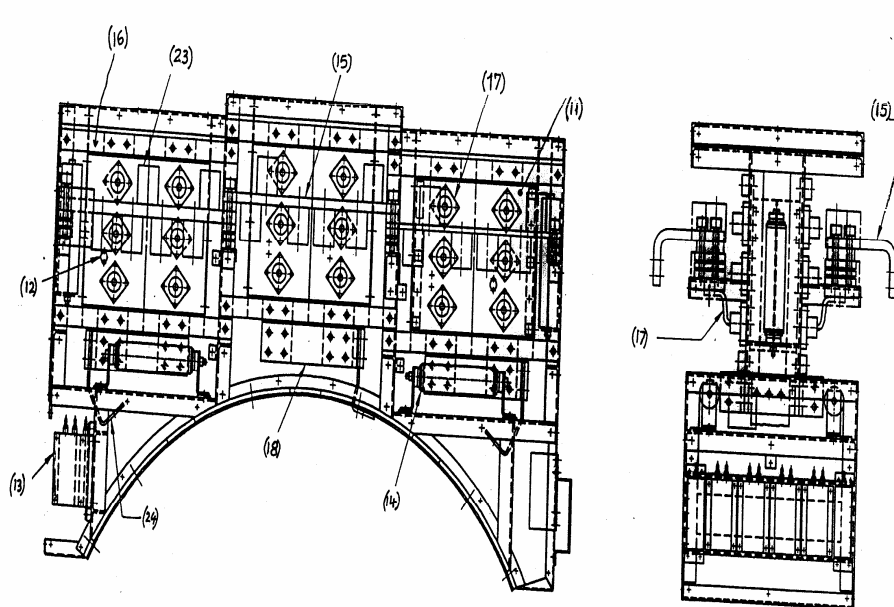
(72) INVENTOR:- 1. JAFRI NASEAM HAIDER
2. ABBASI ABDUL SATTAR
3. RAI SANJAY KUMAR

Filed U/S 5(2) before The Patents (Amendment) Act, 2005: NO

(57) Abstract:

An improved 3-phase rectifier device directly mountable on an alternator adaptable to diesel electric locomotives which comprises at least twelve heat sinks (11) mounted with insulation bars (15, 16) on a base plate (1) configured identical to the profile of a stator casing (SC) of the alternator (AL). The heat sinks (ii) are allocated in a group of four to each of the 3-phase of the rectifier. At least three fiat square base diodes (0) having flexible lead (17) are mounted on each of the heat sinks (11). A plurality of semiconductor fuse (F) each having a micro-switch (10) Is provided In series to each of the diodes (D) for Indication of a fuse-failure visual signal. A plurality of capacitors (13) and resistors (14) are disposed on the base plate (1) forming the electrical circuit of the device. A thermal switch (12) for each of the heat sink group (11) is provided which activates the control circuit when temperature of the heat sink (11) exceeds a specified temperature. A plurality of insulation sheets covering each of the groups of the heat sink (11) is provided which extend up to a top cover of the rectifier (R) to form a duct (9) for flow of cooling air from the alternator (AL).

(FIG. - 4)



(12) **PATENT APPLICATION PUBLICATION**

(19) **INDIA**

(21) **Application No.: 00604/KOL/2005**

A

(22) **Date of filing of Application: 11/07/2005**

(43) **Publication Date: 22/06/2007**

(54) **Title of the invention:** : **“AN APPARATUS FOR CONTROLLING AT LEAST THE LOCAL ACTIVITY OF A PORTION OF AN IN VIVO SMOOTH MUSCLE, AN APPARATUS FOR MODULATING THE OUTPUT OF A GLAND, AND AN APPARATUS FOR MODULATING THE LEVEL OF A CHEMICAL IN THE BLOOD”**

(51) **International classification** : **A61 B17**

(31) **Priority Document No** : **N.A**

(32) **Priority Date** : **N.A**

(33) **Name of priority country** : **N.A**

(86) **International Application No and Filing Date:** : **NIL**

(87) **International Publication No** : **NIL**

(61) **Patent of addition to Application No** : **NIL**
Filed on : **NIL**

(62) **Divisional to Application No** : **58/KOL/04**
Filed on : **12/02/2004**

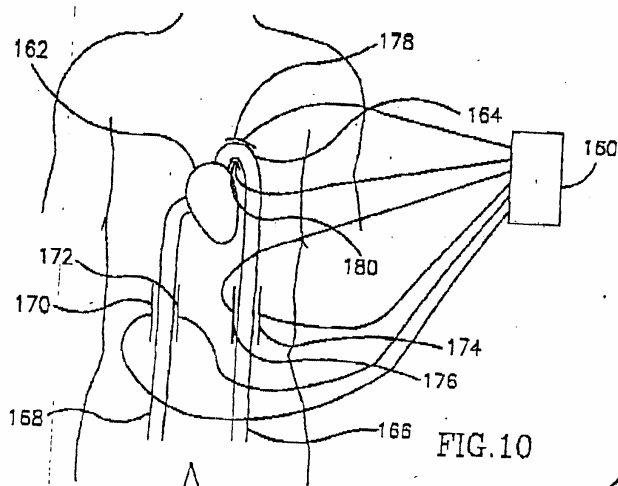
(71) **Name of Applicant:**
METACURE N.V.

Address of the Applicant:
WERFSTRAAT 6, P O BOX 3914,
WILLEMSTAD, CURACAO,
NETHERLAND ANTILLES

(72) **Name of the Inventor:**
I. SHLOMO BEN-HAIM
II. DARVISH NISSIM
III. FENSTER MAIER
IV. MIKA YUVAL
V. FELZEN BELLA
VI. SHEMER ISAAC

Filed U/S 5(2) before The
Patents (Amendment)
Ordinance, 2004: NO

Abstract: The present invention relates to an apparatus for controlling at least the local of a portion of an in vivo smooth muscle. Said apparatus comprises a controller (160) this programmed to produce a non-excitatory electric field of a magnitude and timing at which it is unable to generate a propagating potential in the smooth muscle, and one or more electrodes (170, 172, 174, 176, 178, 180) by which the field is conveyed to the muscle. The non-excitatory electric field, when applied, modifies the reaction of the smooth muscle to the natural activation signal, and the modified reaction can be exploited in various ways. Apparatuses for modulating the output of a gland and for modulating the level of a chemical in the blood are also disclosed.



(FIG.10)

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application: 15/07/2005

(21) Application No.: 00620/KOL/ 2005 A

A

(43) Publication Date: 22/06/2007

(54) Title of the invention: IMPROVED BOILER FURNACE MAINTENANCE STRUCTURE (BFMS)

(51) International classification : F 16 K24/00
(31) Priority Document No : NA
(32) Priority Date : NA
(33) Name of priority country : NA
(86) International Application No and Filing Date :
(87) International Publication No :
(61) Patent of addition to Application No : NIL
Filed on : N.A.
(62) Divisional to Application No : NIL
Filed on : N.A.

(71) Name of Applicant: BHARAT HEAVY ELECTRICALS LIMITED,

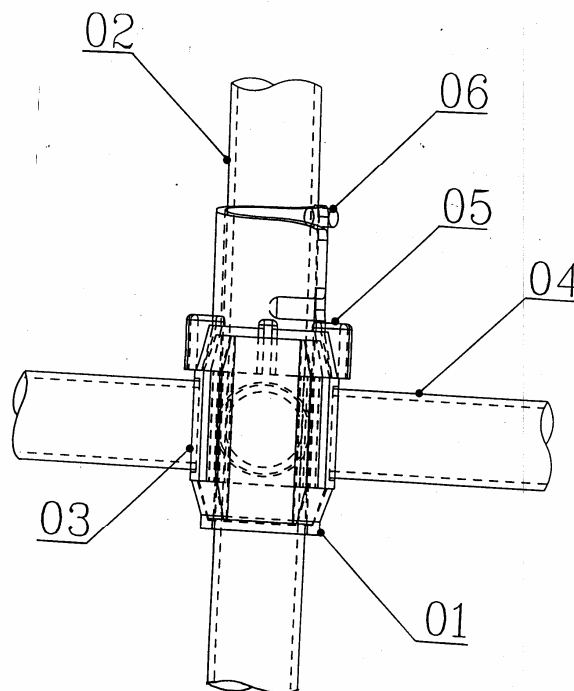
Address of the Applicant: 9/1, DJBLOCK
3rd FLOOR, KARUNAMOYEE, SALT LAKE
CITY, KOLKATA-700091, NEW DELHI- 110049

(72) INVENTOR:- 1. JAKKAMSETTI VEERAQ
VENKATA ARUNA KUMAR
2. ARUNACHALAM RAJAMOHAN
3. MOHAMMED GHOUSE ANVARALI
4. KANDHASAMY KIUMAR
5. SANDEEP AGARWAL

Filed U/S 5(2) before The Patents (Amendment)
Act, 2005: NO

(57) Abstract:

An improved boiler maintenance support structure comprising a plurality of individual structures configured in a shape of rows and columns releasably jointed via at least one interchangeable node, the individual structures being interconnected by means of a plurality of nodes, each individual structure comprising at least one vertical member (02) provided with a conical bowl (01) accommodating a blade (03) which being rigidly connected to at least one horizontal member (04), a sleeve (05) being slidably disposed via the at least one horizontal member (02), a pin (06) disposed on the vertical member (04) which on rotation causes the sleeve (05) to move further downwardly so as to sealingly fix the horizontal and vertical members (02,04).



(FIG. - 1)

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(21) Application No.:00668/KOL/ 2005 A

A

(22) Date of filing of Application: 26/07/2005

(43) Publication Date: 22/06/2007

(54) Title of the invention: A SCREENING DEVICE FOR SCREENING MINERAL ORES

(51) International classification : BO7 B 1/10

(31) Priority Document No : NA

(32) Priority Date : NA

(33) Name of priority country : NA

(86) International Application No and

Filing Date :

(87) International Publication No :

(61) Patent of addition to Application No : NIL

Filed on : NA

(62) Divisional to Application No : NIL

Filed on : NA

(71) Name of Applicant: TAGA INDUSTRIES LTD.,

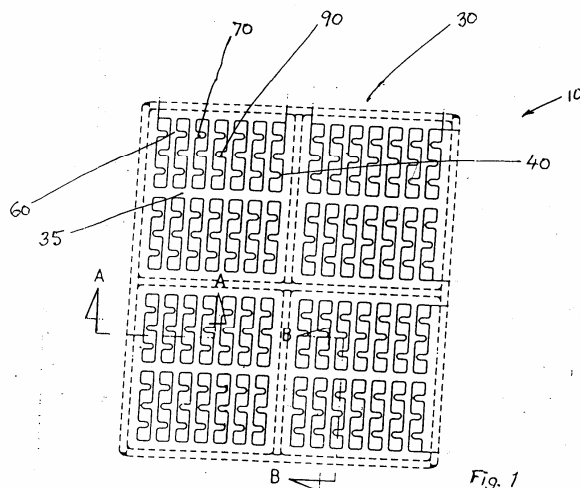
Address of the Applicant: UNITED HOUSE, P-40, BOLCK 'B' NEW ALIPORE, KOLKATA-700 053, WEST BENGAL, INDIA.

(72) INVENTOR:- MEHUL MOHANKA

Filed U/S 5(2) before The Patents (Amendment) Act, 2005: NO

(57) Abstract:

A screening device for screening mineral ores comprising a screening surface, having resilient ribs with protrusions on alternate sides, said protrusions being arranged to leave gaps and avoid contact with adjacent ribs and protrusions configured to define apertures there between.



(FIG. - 1)

(12) PATENT APPLICATION PUBLICATION**(19) INDIA****(21) Application No.: 00758/KOL/ 2005****A****(22) Date of filing of Application: 18/08/2005****(43) Publication Date: 22/06/2007****(54) Title of the invention: A KIT FOR PROMOTING PHARMACEUTICAL/MEDICINAL PRODUCTS****(51) International classification : GO6F 12/00****(31) Priority Document No : NA****(32) Priority Date : NA****(33) Name of priority country : NA****(86) International Application No and****Filing Date :****(87) International Publication No :****(61) Patent of addition to Application No : NIL****Filed on : NA****(62) Divisional to Application No : NIL****Filed on : NA****(71) Name of Applicant: TORRENT
PHARMACEUTICALS LIMITED****Address of the Applicant: TORRENT HOUSE,
OF ASHRAM ROAD, AHMEDABAD 380 009,
GUJRAT
106, CENTRAL PLAZA, 2/6 SARAT BOSE
ROAD, KOLKATA-700 020, WEST BENGAL,
INDIA****(72) INVENTOR:- MODI, RUCHIR****Filed U/S 5(2) before The Patents (Amendment)
Act, 2005: NO****(57) Abstract:**

A kit for promoting greater clinical appreciation of a medicinal/pharmaceutical products and the like comprising (a) a box having a top and other surfaces, said top surface having a first end and a second end, said first end being rotatably hinged to a support thereby defining an axis of rotation which is parallel to said support, said second end being free to rotate about the said support thereby opening the box to allow access to the contents thereof, a surface label being affixed to the said top surface, said surface label having information displayed thereon; (b) a display surface having a first end and a second end with either of the said first and second ends being attached in a hinged manner to either the said second end of the said top surface or to the corresponding end of the said box such that said box is rendered accessible upon rotation of the other unhinged end of said display surface; (c) one or more liftable inside surfaces each having a first end and a second end, wherein said first end is hinged at the said first end of the said top surface of the said box and wherein said second end is liftable to allow access to the subsequent inside surfaces; and (d) optionally an inside pocket placed beneath said liftable inside surfaces and disposed on the floor of said box such that said inside pocket is rendered accessible upon lifting said inside surface.

(FIG. - nil)

(12) PATENT APPLICATION PUBLICATION**(19) INDIA****(22) Date of filing of Application: 22/08/2005****(21) Application No.: 00763/KOL/ 2005****A****(43) Publication Date: 22/06/2007**

(54) Title of the invention: AN IMPROVED METHOD FOR PREPARATION OF TERTIARY BUTYL (4S) -1-METHYL-3-BENZYLOXYCARBONYL-2 OXOIMIDAZOLIDINE-4-CARBOXYLIC ACID; AN INTERMEDIATE FOR SYNTHESIS OF IMIDAPRIL

(51) International classification : CO7D Z33/38**(31) Priority Document No : N.A****(32) Priority Date : N.A****(33) Name of priority country : N.A****(86) International Application No and Filing Date :****(87) International Publication No :****(61) Patent of addition to Application No : NIL****Filed on : NA****(62) Divisional to Application No : NIL****Filed on : NA**

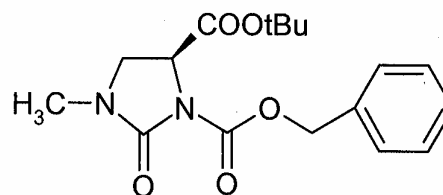
**(71) Name of Applicant: LUPIN LIMITED,
Address of the Applicant: 159 CST ROAD
KALINA, SANTACRUZ (EAST)
MAHARASTRA, INDIA
1/1, SASHI SHEKHAR BOSE ROAD,
KOLKATA-700 025, WEST BENGAL, INDIA**

**(72) INVENTORS :- 1. SINGH, GIRIJ PAL
2. GODBOLE, HIMANSHU MADHAV
3. NEHATE, SAGAR PURUSHOTTAM
4. TAMBE, SUHAS GANPAT**

**Filed U/S 5(2) before The Patents (Amendment)
Act, 2005: NO**

(57) Abstract:

A process for synthesizing tertiary butyl- (4S)-1 -methyl-3-benzyloxycarbonyl-2-oxoimidazolidine-4-carboxylic acid of formula (I) in high yield and purity by reacting tertiary butyl- (4S)-3-benzyloxycarbonyl-2-oxoimidazolidine-4-carboxylic acid with a methylating agent in presence of a base and a phase transfer catalyst in a biphasic medium. The compound of formula (I) thus formed is used as an intermediate in the synthesis of commercially valuable Angiotensin converting Enzyme Inhibitor Imidapril.

**(I)****(FIG. - nil)**

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(21) Application No.: 00784/KOL/2005

A

(22) Date of filing of Application: 29/08/2005

(43) Publication Date: 22/06/2007

(54) Title of the invention: : METHODS AND SYSTEMS FOR DETERMINING AND CONTROLLING THE PERCENT STOICHIOMETRIC OXIDANT IN INCINERATOR

(51) International classification : F23G 5/50,
F23N 5/00

(31) Priority Document No : 10/963,051

(32) Priority Date : 12/10/2004

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

(86) International Application No and Filing Date: : NIL

(87) International Publication No : NIL

(61) Patent of addition to Application No : NIL

Filed on : NIL

(62) Divisional to Application No : NIL
Filed on : NIL

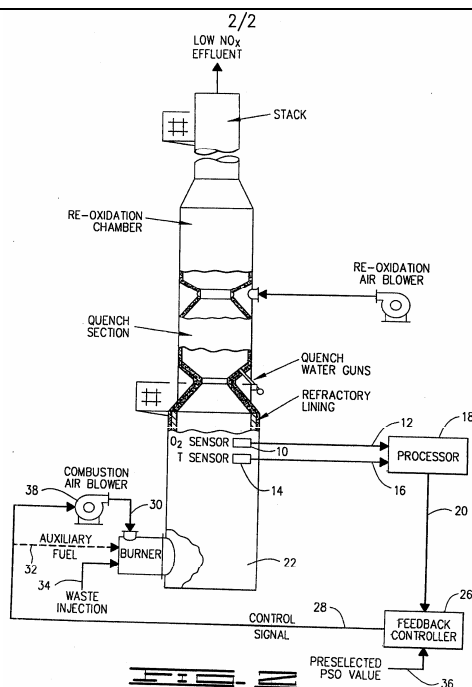
(71) Name of Applicant:
JOHN-ZINK COMPANY, LLC

Address of the Applicant:
11920 EAST APACHE, TULSA,
OKLAHOMA 74116 U.S.A

(72) Name of the Inventor: I. ARNOLD
II. HONG JIANHUI
III. SMITH JOSEPH D.

Filed U/S 5(2) before The
Patents (Amendment)
Act: 2005:NO

(57) Abstract: Methods and systems for measuring and controlling the percent stoichiometric oxidant in the pyrolyzing section of incinerators are provided. The methods and systems rely on measurements of the oxygen concentration and temperature of the gases within the pyrolysis section and mathematical relationships between these values and the percent stoichiometric oxidant.

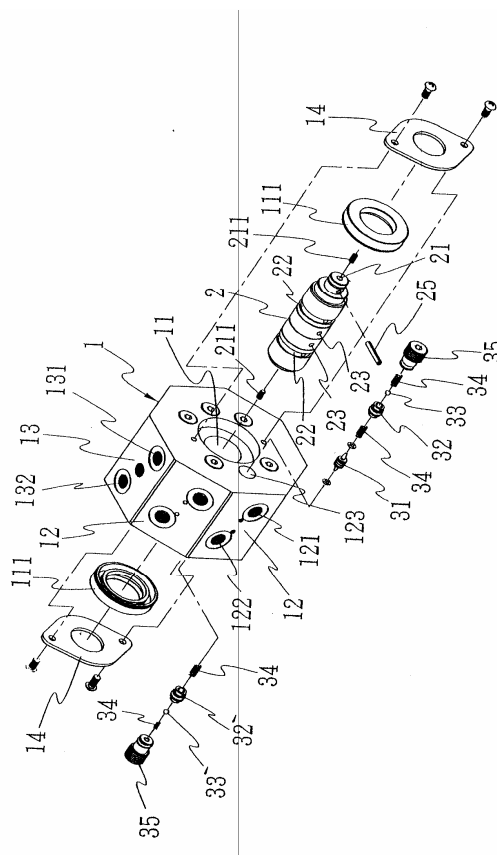


(FIG.2)

A

**Filed U/S 5(2) before The Patents
(Amendment)
Act, 2005: NO**

A rotary valve assembly has a valve body, a rotor and a plurality of guidance check valves. The valve body includes a valve seat longitudinally defining a bore through a centre thereof. A plurality of valve oil passages and a main oil passage are respectively distributed radially around the bore. The rotor is movably received in the bore of the valve body. A plurality of guidance check valves is mounted in the valve oil passages. The rotor rotates to switch to a predetermined valve position by manual operation or electric power, where a predetermined oil supply path is precisely formed to supply oil to a predetermined valve communicating with a valve oil passage.



21399

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application: 06/10/2005

(21) Application No.: 00926/KOL/2005

(43) Publication Date: 22/06/2007

A

(54) Title of the invention: : VERNIER DUCT BLOCKER

(51) International classification : F01D 17/16, 17/18

(31) Priority Document No : 10/961,178

(32) Priority Date : 08/10/2004

(33) Name of priority country : USA

(86) International Application No and Filing Date: : NIL

(87) International Publication No : NIL

(61) Patent of addition to Application No : NIL

Filed on : NIL

(62) Divisional to Application No : NIL

Filed on : NIL

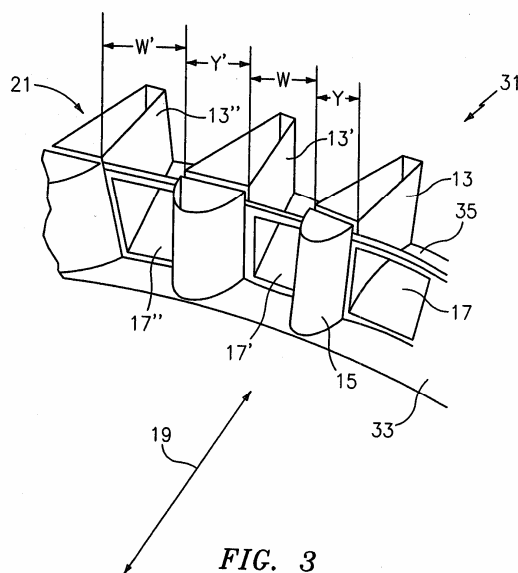
(71) Name of Applicant: UNITED TECHNOLOGIES CORPORATION

Address of the Applicant: UNITED TECHNOLOGIES BUILDING, HARTFORD CONNECTICUT 06101, USA

(72) Name of the Inventor: 1.SWANSON TIMOTHY A.
2. JONES JAMES E.

Filed U/S 5(2) before The Patents (Amendment) Ordinance, 2004: NO

(57) **Abstract:** A vernier duct blocker comprising a plurality of vanes each having a width and comprising a forward portion and an aft portion defining a plurality of gas paths each. of the plurality of vanes being separated by a plurality of widths, and a rotatably movable ring interposed between the forward portion and the aft portion comprising a plurality of openings each having a width, wherein the width of one of the plurality of vanes differs from the width of another one of the plurality of vanes.



(FIG.3)

(12) PATENT APPLICATION PUBLICATION**(19) INDIA****(21) Application No.:** 00999/KOL/2005**A****(22) Date of filing of Application:** 03/11/2005**(43) Publication Date:** 22/06/2007

(54) Title of the invention: NOVEL DESIGN FOR SOLE PLATE ASSEMBLY FOR HYDROGENERATOR

(51) International classification : F01D 15/10**(31) Priority Document No** : NA**(32) Priority Date** : NA**(33) Name of priority country** : NA**(86) International Application No and** : NA**Filing Date** :**(87) International Publication No** : NA**(61) Patent of addition to Application No** : NA**Filed on** : NA**(62) Divisional to Application No** : NA**Filed on** : NA**(71) Name of Applicant:**

BHARAT HEAVY ELECTRICALS LIMITED.,

Address of the Applicant:REGIONAL OPERATIONS DIVISION (ROD),
PLOT NO: 9/1, DJBLOCK 3RD FLOOR,
KARUNAMOYEE, SALT LAKE CITY,
KOLKATA 700 091, HAVING ITS REGISTERED
OFFICE AT BHEL HOUSE, SIRI FORT, NEW
DELHI 110049, INDIA.**(72) Name of the Inventor:**GURU A.K.S.
CHAUDHURI PARANTAPA
SUKUL LOMASH**Filed U/S 5(2) before The Patents (Amendment)
Act, 2005:** NO

(57) Abstract:

This invention relates to an improved sole plate assembly adaptable to hydro generator.

(FIG. nil)

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(21) Application No.: 01080/KOL/2005

A

(22) Date of filing of Application: 28/11/2005

(43) Publication Date: 22/06/2007

(54) Title of the invention: : METHOD AND APPARATUS FOR TRANSMITTING AND RECEIVING DATA WITH HIGH RELIABILITY IN A MOBILE COMMUNICATION SYSTEM SUPPORTING PACKET DATA TRANSMISSION

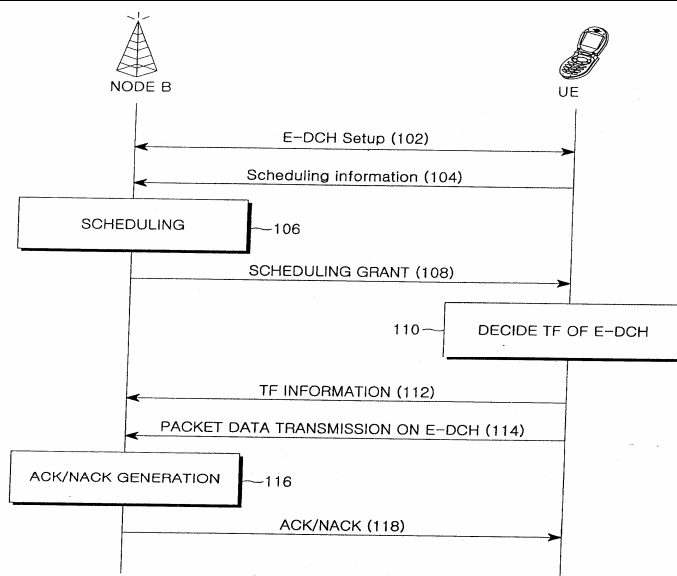
(51) International classification : H04Q7/38
(31) Priority Document No : 99917/04,
110552/04,
7437/2005
(32) Priority Date : 01/12/2004,
22/12/2004,
27/01/2005
(33) Name of priority country : KOREA
(86) International Application No : NIL
and Filing Date:
(87) International Publication No : NIL
(61) Patent of addition to Application : NIL
No
Filed on : NIL
(62) Divisional to Application No : NIL
Filed on : NIL

(71) Name of the Applicant: SAMSUNG
ELECTRONICS CO., LTD
Address of the Applicant:
416, MAETAN-DONG, YEONGTONG-GU,
SUWON-SI, GYEONGGI-DO, KOREA

(72) Name of the Inventor: 1. YOUNG-BUM
KIM
2. YUJIAN, ZHANG
3. JU-HO LEE
4. YONG-JUN KWAK
5. YOUN-HYOUNG HEO
6. JOON-YOUNG CHO

Filed U/S 5(2) before The
Patents (Amendment)
Ordinance, 2004: NO

(57) Abstract: A method and apparatus for transmitting control information of a small block size with high reliability in a mobile communication system supporting uplink packet data service are provided. A 6-bit Absolute Grant indicating an allowed maximum data rate for uplink packet data transmission is generated and a 16-bit User Equipment Identifier Cyclic Redundancy Check is generated by combining a Cyclic Redundancy Check with a User Equipment Identifier. The User Equipment Identifier specific Cyclic Redundancy Check and 8 tail bits are added to the 6-bit Absolute Grant and the added bits are encoded at a coding rate of 1/3. The resulting 90 coded bits are rate-matched according to a predetermined rate matching pattern and transmitted to a User Equipment. The rate matching pattern is {1, 2, 5, 6, 7, 11, 12, 14, 15, 17, 23, 24, 31, 37, 44, 47, 61, 63, 64, 71, 72, 75, 77, 80, 83, 84, 85, 87, 88, 90}.



(FIG.1)

(12) **PATENT APPLICATION PUBLICATION**

(19) **INDIA**

(22) **Date of filing of Application: 05/12/2005**

(21) **Application No.: 01106/KOL/2005**

(43) **Publication Date: 22/06/2007**

A

(54) **Title of the invention:** : **FLUIDIZING MEDIA DISTRIBUTOR FOR FLUIDIZED BED REACTOR**

(51) **International classification** : **F22B 31/00,**

(31) **Priority Document No** : **NIL**

(32) **Priority Date** : **NIL**

(33) **Name of priority country** : **NIL**

(86) **International Application No and Filing Date:** : **NIL**

(87) **International Publication No** : **NIL**

(61) **Patent of addition to Application No** : **NIL**

Filed on : **NIL**

(62) **Divisional to Application No** : **NIL**

Filed on : **NIL**

(71) **Name of Applicant:** **BHARAT HEAVY ELECTRICALS LIMITED**

Address of the Applicant: **9/1, DJ BLOCK, 3RD FLOOR, KARUNAMOYEE, SALT LAKE CITY, KOLKATA-700091, BHEL HOUSE, SIRI FORT, NEW DELHI-110049, INDIA.**

(72) **Name of the Inventor:**

1. RAJAGOPALAN SRINIVASA RANGAN

2. SHANKAR CHAKRAVARTY

Filed U/S 5(2) before The Patents (Amendment) Ordinance, 2004: NO

(57) **Abstract:** The present invention generally relates to fluidized bed reactor system for gasification of coal with varying propensity to form agglomerates or clinkers which are usually withdrawn from the reactor through the bottom opening. More particularly, the invention relates to an improved high-pressure fluidized bed reactor for gasification of coal with varying propensity.

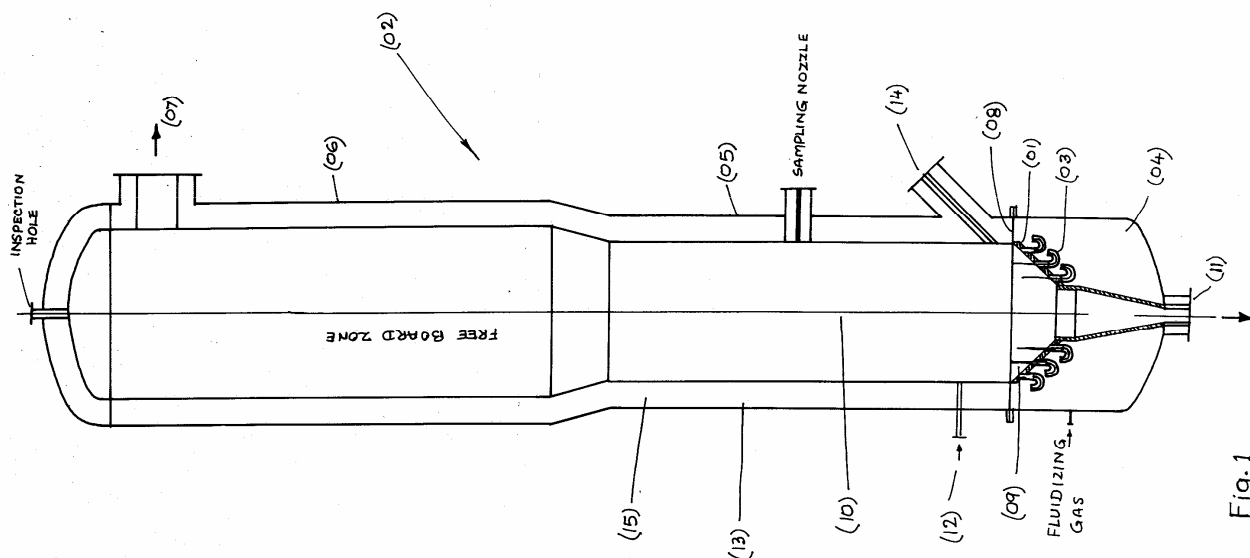


Fig. 1

(FIG.1)

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application: 09/12/2005

(21) Application No.: 01124/KOL/2005

(43) Publication Date: 22/06/2007

A

(54) Title of the invention: : METHOD OF ALIGNING CHARACTER SEQUENCE AND COMMUNICATION TERMINAL SUPPORTING THE SAME

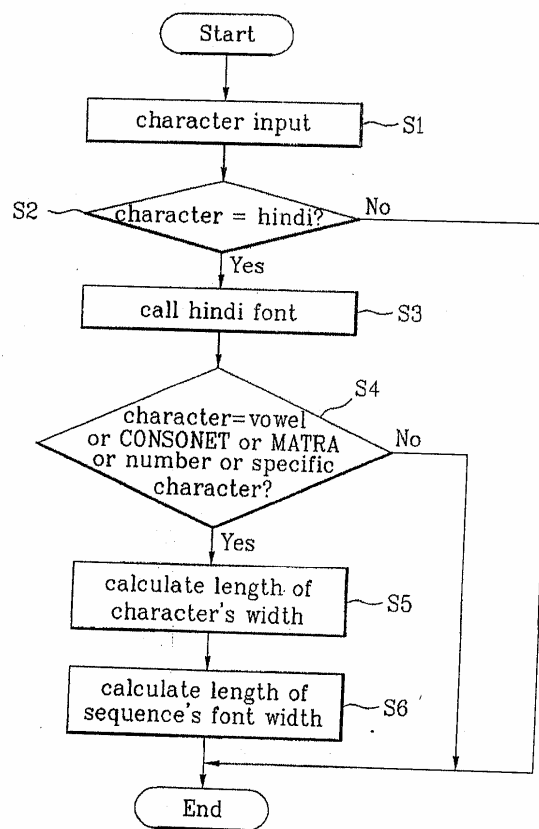
(51) International classification : H04B
(31) Priority Document No : 10-2004-0104864
(32) Priority Date : 13/12/2004
(33) Name of priority country : KOREA
(86) International Application No and Filing Date: : NIL
(87) International Publication No : NIL
(61) Patent of addition to Application No : NIL
Filed on : NIL
(62) Divisional to Application No : NIL
Filed on : NIL

(71) Name of Applicant: LG ELECTRONICS INC.
Address of the Applicant: 20, YOIDO-DONG
YOUNGDUNGPO-GU, SEOUL, KOREA

(72) Name of the Inventor: LIM CHAE KYUNG

Filed U/S 5(2) before The
Patents (Amendment)
Ordinance, 2004: NO

Abstract: A method of aligning a Hindi character sequence and communication terminal supporting the same are disclosed, in which a length of a width of the Hindi character sequence is calculated and by which the Hindi character sequence is aligned using the calculated length. The present invention includes the steps of calling font information of characters configuring an input character sequence, calculating a width length of the input character sequence with reference to font sizes of the characters from the called font information, and aligning the input character sequence to be suitable for the calculated width length.



(FIG.1)

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application: 21/12/2005

(21) Application No.: 02655/KOLNP/2005

A

(43) Publication Date: 22/06/2007

(54) Title of the invention: METHOD FOR OPERATING A CELLULAR TELECOMMUNICATIONS NETWORK, AND METHOD FOR OPERATING A PERSONAL CELLULAR TELECOMMUNICATIONS DEVICE

(51) International classification : H04B 1/38
(31) Priority Document No : 134035
(32) Priority Date : 13/01/2000
(33) Name of priority country : ISRAEL
(86) International Application No and Filing Date : PCT/IL01/00037 & 14/01/2001
(87) International Publication No : WO 01/52572
(61) Patent of addition to Application No Filed on : NA
(62) Divisional to Application No Filed on : IN/PCT/02/00698 : 22/05/2002

(71) Name of Applicant:
CELLTICK TECHNOLOGIES LTD.,

Address of the Applicant:
7, HAGALIM AVENUE., HERZLIYA 46725,
ISRAEL.

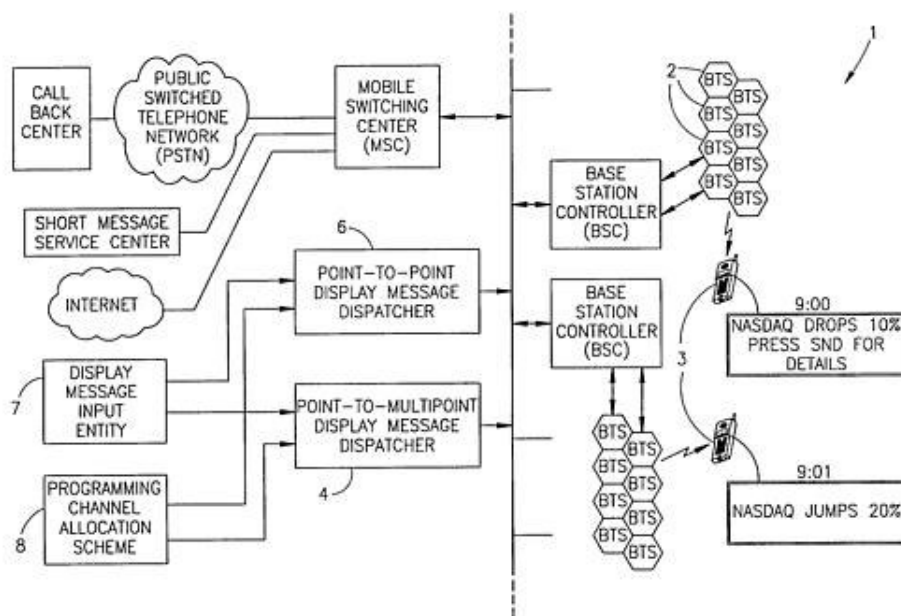
(72) Name of the Inventor:
DANIEL, RONEN
BARON, URI
WELLINGSTEIN, YOSSIE

Filed U/S 5(2) before The Patents (Amendment)
Act, 2005: NO

(57) Abstract:

For use in a cellular telecommunications network (1) including a plurality of individually addressable Base Transceiver Stations (BTSs) (2) providing bidirectional signal coverage over a predefined geographical area, capable of transmitting Point-To-Point (PTMP) messages over a Point-To-Point Service (PTP) Service (PTMPS) functionality, and capable of transmitting Point-To-Point (PTP) messages, streaming of a substantially continuous stream of mostly different content, at least some interactive display messages on at least one personal cellular telecommunications device (3) prior to their automatic discarding irrespective of their having been displayed or not.

(FIG.1)



(12) **PATENT APPLICATION PUBLICATION**

(19) **INDIA**

(21) **Application No.: 02714/KOLNP/2005**

A

(22) **Date of filing of Application: 26/12/2005**

(43) **Publication Date: 22/06/2007**

(54) **Title of the invention:** : **“SURROGATE THERAPEUTIC ENDPOINT FOR ANTI-CTL-A-4 BASED IMMUNOTHERAPY OF DISEASE”**

(51) **International classification** : **C07K 16/00, A61K 39/395**

(31) **Priority Document No** : **60/475,067**

(32) **Priority Date** : **30/05/2003**

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

(86) **International Application No and Filing Date:** : **PCT/US2004/01699 5**
28/05/2004

(87) **International Publication No** : **WO 2005/03298 A3**

(61) **Patent of addition to Application No** : **NIL**

Filed on : **NIL**

(62) **Divisional to Application No** : **NIL**

Filed on : **NIL**

(71) **Name of Applicant:**
MEDAREX, INC

Address of the Applicant: 707 STATE ROAD, PRINCETON, NJ 08540, U.S.A

(72) **Name of the Inventor:**

I. LOWY ISRAEL

II. NICHOL GEOFFREY M

Filed U/S 5(2) before The Patents (Amendment) Ordinance, 2004: NO

(57) **Abstract:** The present invention provides a method of treatment using human sequence antibodies against human CTLA-4. In particular, methods of treating cancer are provided.

(FIG. nil)

、

(12) **PATENT APPLICATION PUBLICATION**

(19) **INDIA**

(21) **Application No.: IN/PCT/2000/00553**

A

(22) **Date of filing of Application: 23/11/2000**

(43) **Publication Date: 22/06/2007**

(54) **Title of the invention:** : **“CEREBROSPINAL AND VASCULAR PHARMACEUTICAL COMPOSITION AND PROCESS FOR PREPARING THE SAME”**

(51) **International classification** : **A61K 38/00**

(31) **Priority Document No** : **N.A**

(32) **Priority Date** : **N.A**

(33) **Name of priority country** : **N.A**

(86) **International Application No and Filing Date:** : **PCT/US99/04359
26/02/1999**

(87) **International Publication No** : **WO 00/50058**

(61) **Patent of addition to Application No** : **NIL**

Filed on : **NIL**

(62) **Divisional to Application No** : **NIL**

Filed on : **NIL**

(71) **Name of Applicant: 1. KEEP, MARCUS
2.ELMER ESKIL**

**Address of the Applicant: SUITE 208,2228
LILINA STREET, HONOLULU, HI 96817
U.S.A**

**PARTEMAS GRANDE 57, S-226 47 LUND
SWDEN**

(72) **Name of the Inventor:
1. KEEP, MARCUS
2.ELMER ESKIL**

**Filed U/S 5(2) before The
Patents (Amendment)
Ordinance, 2004: NO**

(57) **Abstract:** A cyclosporin-containing pharmaceutical preparation especially for cerebrospinal or vascular application is disclosed, comprising the following components: (1) at least one cyclosporin, and (2) DMSO.

(FIG. nil)

(12) **PATENT APPLICATION PUBLICATION**

(19) **INDIA**

(21) **Application No.: 00527/KOLNP/2004**

A

(22) **Date of filing of Application: 21/04/2004**

(43) **Publication Date: 22/06/2007**

(54) **Title of the invention:** : **APPARATUS AND METHOD FOR DETECTING ATMOSPHERIC PRESSURE FOR 4-STROKE ENGINE**

(51) **International classification** : **FO2D 45/00**

(31) **Priority Document No** : **2001-335477**

(32) **Priority Date** : **31/10/2001**

(33) **Name of priority country** : **JAPAN**

(86) **International Application No and Filing Date:** : **PCT/JP02/10946**
22/10/2002

(87) **International Publication No** : **WO 03/038262 A1**

(61) **Patent of addition to Application No** : **NIL**

Filed on : **NIL**

(62) **Divisional to Application No** : **NIL**

Filed on : **NIL**

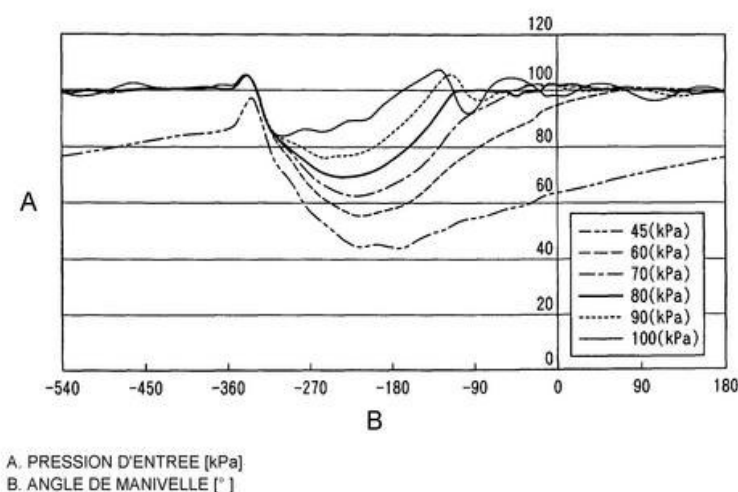
(71) **Name of Applicant: YAMAHA**
HATSUDOKI KABUSHIKI KAISHA,

Address of the Applicant:
2500 SHINGAI, IWATA-SHI, SHIZUOKA
438 8501. JAPAN

(72) **Name of the Inventor:**
1) SAWADA YUICHIRO, 2) TAKAHASHI
MICHIYASU

Filed U/S 5(2) before The
Patents (Amendment)
Ordinance, 2004: NO

(57) Abstract: The atmospheric pressure is detected accurately without using an atmospheric pressure sensor. The atmospheric pressure is obtained from an intake air pressure just before an inlet valve opens by detecting an intake air pressure. Since the intake air pressure just before the inlet valve opens becomes unstable when the engine load is large, the atmospheric pressure is calculated from an intake air pressure just before the inlet valve opens when the engine load is small. In addition, since the intake air pressure just before the inlet valve opens depending upon engine rotational speeds, the atmospheric pressure is calculated from an intake air pressure just before the inlet valve opens when the engine rotational speed resides in a predetermined rotational speed area.



(FIG.7)

(12) **PATENT APPLICATION PUBLICATION**

(19) **INDIA**

(22) **Date of filing of Application: 15/06/2004**

(21) **Application No.: 00822/KOLNP/2004**

(43) **Publication Date: 22/06/2007**

A

(54) **Title of the invention:** : "PHERMACEUTICALCOMPOSITIONS COMPRISING ACTIVE VITAMIN D COMPOUNDS"

(51) **International classification** : **A61K 31/59**

(31) **Priority Document No** : **60/334,554**

(32) **Priority Date** : **03/12/2001**

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

(86) **International Application No and Filing Date:** : **PCT/US02/38483**
03/12/2002

(87) **International Publication No** : **WO 03/047595 A1**

(61) **Patent of addition to Application No** : **NIL**

Filed on : **NIL**

(62) **Divisional to Application No** : **NIL**

Filed on : **NIL**

(71) **Name of Applicant: NOVACEA, INC.,**

Address of the Applicant:

601 GATEWAY BOULEVARD, SUITE 450,
SOUTH SAN FRANCISCO, CA 94080 U.S.A

(72) **Name of the Inventor: 1. CHEN ANDREW-XIAN**

2. FAN JUN

3. YU XI-YUN

4. WHITEHOUSE MARTHA J

Filed U/S 5(2) before The
Patents (Amendment)
Ordinance, 2004: YES

(57) **Abstract:** Disclosed are pharmaceutical compositions comprising an active vitamin D compound in emulsion pre-concentrate formulations, as well as emulsions and sub-micron droplet emulsions produced there from. The compositions comprise a lipophilic phase component, one or more surfactants, and an active vitamin D compound. The compositions may optionally further comprises a hydrophilic phase component.

(FIG. nil)

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(21) Application No.: 00893/KOLNP/2004

A

(22) Date of filing of Application: 25/06/2004

(43) Publication Date: 22/06/2007

(54) Title of the invention: : "PROCESS FOR PLACEMENT OF A CONFIGURATION FOR RECEPTION OF AT LEAST ONE OPTICAL CORE INTO A STREET AND CABLE INSTALLATION CONFIGURATION FOR A CABLE CONFIGURATION CONTAINING AN OPTICAL CORE"

(51) International classification : H04L 12/24, 12/56

(31) Priority Document No : NA

(32) Priority Date : NA

(33) Name of priority country : NA

(86) International Application No and Filing Date: : PCT/IL01/01219
31/12/2001

(87) International Publication No : WO 03/056758 A1

(61) Patent of addition to Application No : NIL

Filed on : NIL

(62) Divisional to Application No : NIL

Filed on : NIL

(71) Name of Applicant: ECI TELECOM LTD.,

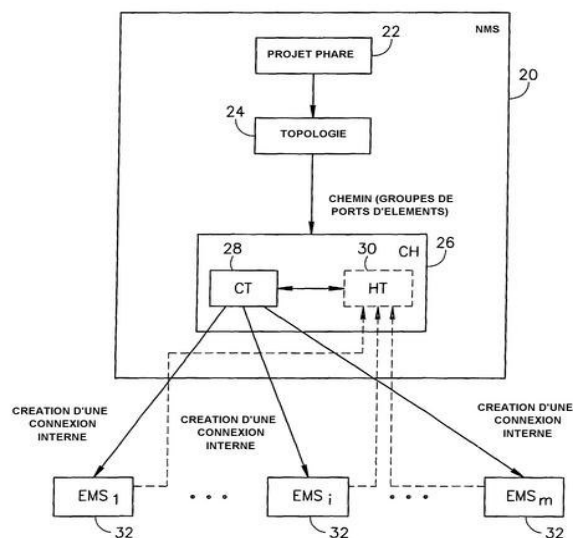
Address of the Applicant:

30 HASIV IM STREET, 49517 PETACH
TIKVA, ISRAEL

(72) Name of the Inventor: 1. PAPOUSHADO,
2. SHEMESH,
3. YAM, ANAT

Filed U/S 5(2) before The
Patents (Amendment)
Ordinance, 2004: NO

(57) **Abstract:** A configuration (3, 31, 32) containing at least one optical core (12) is placed into a street formed by a top layer (6) and a flat sub-layer (1) located underneath. The configuration is applied positioned on a surface (2) of the sub-layer (1) and the top layer (6) is subsequently applied in a flat manner, so that the configuration is embedded in the top layer. The installation of the configuration takes place with comparatively low cost, since no earth removal work or underground work is necessary. The invention is especially advantageous when the street surface has to be renovated anyway.



(FIG.2)

(12) **PATENT APPLICATION PUBLICATION**

(19) **INDIA**

(22) **Date of filing of Application: 23/11/2004**

(21) **Application No.: 01770/KOLNP/2004**

(43) **Publication Date: 22/06/2007**

A

(54) **Title of the invention:** : **“DEVICE FOR HANDLING ROTOR BLADES”**

(51) **International classification** : **FO3D 1/00,**
B65D 90/00

(31) **Priority Document No** : **102 25 025.1**

(32) **Priority Date** : **06/06/2002**

(33) **Name of priority country** : **GERMANY**

(86) **International Application No** : **PCT/EP03/05811**
and Filing Date: **04/06/2004**

(87) **International Publication No** : **WO 03/104645 A1**

(61) **Patent of addition to Application** **NIL**
No :

Filed on : **NIL**

(62) **Divisional to Application No** : **NIL**

Filed on : **NIL**

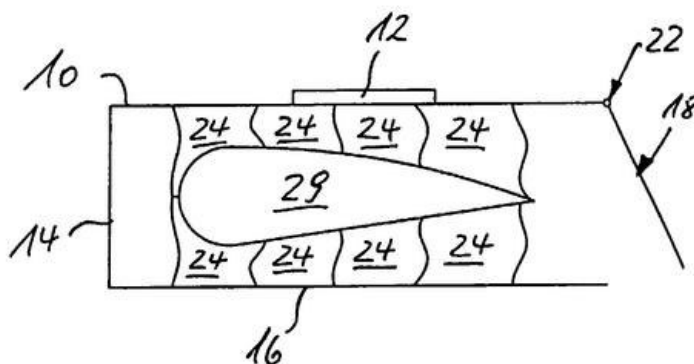
(71) **Name of Applicant: WOBEN ALOYS,**

Address of the Applicant: ARGESTRASSE
19, 26607 AURICH GERMANY

(72) **Name of the Inventor: WOBEN ALOYS,**

Filed U/S 5(2) before The
Patents (Amendment)
Ordinance, 2004: NO

(57) Abstract: The present invention concerns an apparatus for handling rotor blades of wind power installations. An apparatus for simplified handling of rotor blades is afforded by a rigid carrier element and at least one rotor blade receiving means fixedly connected thereto. In that respect the invention is based on the realisation that, in the case of a rotor blade received in the apparatus according to the invention, in particular the effect of the wind on the one hand and the effect of mass inertia on the other hand are reduced.



(FIG.2)

(12) **PATENT APPLICATION PUBLICATION**

(19) **INDIA**

(21) **Application No.: 00510/KOLNP/2005**

A

(22) **Date of filing of Application: 28/03/2005**

(43) **Publication Date: 22/06/2007**

(54) **Title of the invention:** : **“HEAT SINK HAVING FOLDED FIN HEAT EXCHANGER CORE”**

(51) **International classification** : **H05K 7/20, H01L 23/367**

(31) **Priority Document No** : **10/228,565**

(32) **Priority Date** : **28/08/2002**

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

(86) **International Application No and Filing Date:** : **PCT/US2003/02606 1**
19/08/2003

(87) **International Publication No** : **WO 2004/021756 A1**

(61) **Patent of addition to Application No** : **NIL**

Filed on : **NIL**

(62) **Divisional to Application No** : **NIL**

Filed on : **NIL**

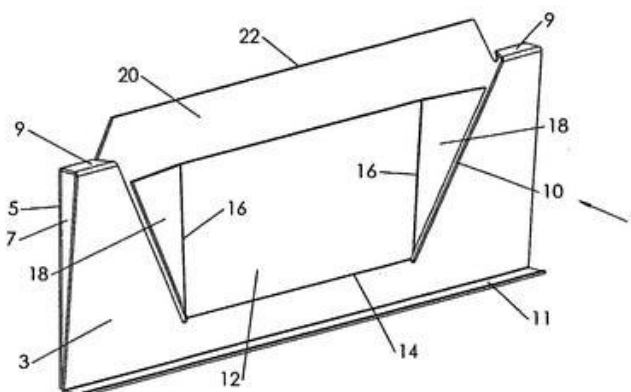
(71) **Name of Applicant:**
TANDIS, INC.

Address of the Applicant:1144 NORTH GROVE STREET, ANAHEIM, CA 91709, U.S.A

(72) **Name of the Inventor: TABAN VAHID**

Filed U/S 5(2) before The Patents (Amendment) Ordinance, 2004: NO

(57) **Abstract:** A heat exchanger core (30) for a heat sink having a plurality of folded heat conductive fins (1-1...1-25). Each folded heat conducting fin (1-1) has a front face (3-1), a back face (5-1) spaced from the front face, a top (9-1) connected between the front and back faces, open opposite sides that communicate with the atmosphere, and an air intake opening (20-1) that extends vertically through the top (9-1) for receipt of a supply of fan blown air. The fins (1-1...1-25) are arranged face-to-face one another to establish laterally extending primary (7-1) and supplemental (24-1) air exhaust cavities through the heat exchanger core (30) which run between the vertically extending air intake openings (20-1...20-25) and the open opposite sides of the fins. Thus, the heat exchanger core (30) will have non-linear air flow paths by which heat collected by the plurality of fins (1-1...1-25) is blown into the atmosphere at the open opposite sides thereof. By virtue of the foregoing, the heat exchanger core (30) provides maximum surface area, efficient heat transfer, and optimal air flow so that the heat generated by a source (e.g. a CPU) can be effectively collected and exhausted to the atmosphere.



(FIG.1)

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(21) Application No.: 00623/KOLNP/2005

A

(22) Date of filing of Application: 11/04/2005

(43) Publication Date: 22/06/2007

(54) Title of the invention: : "STACKED PHOTOELECTRIC CONVERTER"

(51) International classification : H01L 31/075

(31) Priority Document No : 2003-279493
2003-367535
2003-367536
2004-091897

(32) Priority Date : 24/07/2003
28/10/2003
26/03/2004

(33) Name of priority country : JAPAN

(86) International Application No : PCT/JP2004/01011
and Filing Date: 5
15/07/2004

(87) International Publication No : WO 2005/011001
A1

(61) Patent of addition to Application No : NIL
Filed on : NIL

(62) Divisional to Application No : NIL
Filed on : NIL

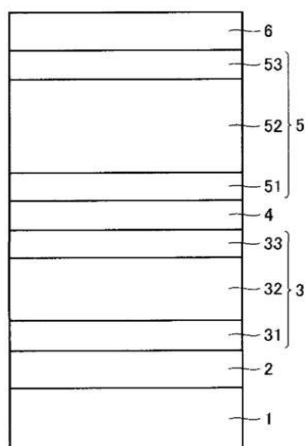
(71) Name of Applicant:
KANEKA CORPORATION,

Address of the Applicant:+2-4,
NAKANOSHIMA-3-CHOME, KITA-KU,
OSAKA-SHI, OSAKA 530-8288, JAPAN

(72) Name of the Inventor: 1. SASAKI
TOSHIAKI
2. KOI YOHEL
3. YAMAMOTO KENJI
4. YOSHIMI MASASHI
5. ICHIKAWA MITSURU

Filed U/S 5(2) before The
Patents (Amendment)
Ordinance, 2004: NO

(57) **Abstract:** A stacked photoelectric converter comprising a plurality of stacked photoelectric conversion units (3;5) each including one conductivity type layer (31;51), a photoelectric converting layer (32;52) of substantially intrinsic semiconductor, and a reverse conductivity type layer (33;53) that are formed on a substrate (1) sequentially from the light incident side. At least one of the reverse conductivity type layer (33) in the front photoelectric conversion unit (3) arranged relatively on the light incident side and the one conductivity type layer (51) in the rear photoelectric conversion unit (5) arranged contiguously to the front photoelectric conversion unit (3) includes a silicon composite layer (4). The silicon composite layer (4) has a thickness of 20-130 nm and an oxygen concentration of 25-60 atm% and a silicon-rich phase is included in an amorphous alloy phase of silicon and oxygen.



(FIG.10)

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(21) Application No.: 00721/KOLNP/2005

A

(22) Date of filing of Application: 28/04/2005

(43) Publication Date: 22/06/2007

(54) Title of the invention: : RECORDING MEDIUM, METHOD OF CONFIGURING CONTROL INFORMATION THEREOF, RECORDING AND/OR REPRODUCING METHOD USING THE SAME, AND APPARATUS THEREOF

(51) International classification : G11B 7/24
(31) Priority Document No : 10-2003-0045825
10-2003-0056540
10-2003-0061785
(32) Priority Date : 07/07/2003
14/08/2003
04/09/2003
(33) Name of priority country : KOREA
(86) International Application No and Filing Date: : PCT/KR2004/0016
54
05/07/2004
(87) International Publication No : WO 2005/004138
A1
(61) Patent of addition to Application No : NIL
Filed on : NIL
(62) Divisional to Application No : NIL
Filed on : NIL

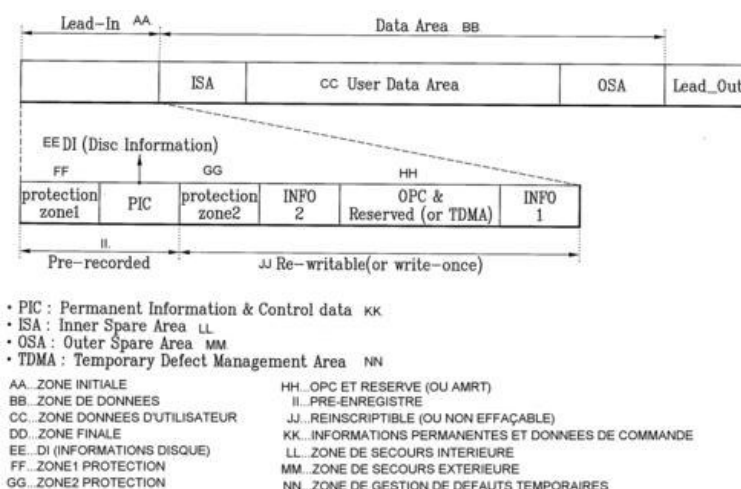
(71) Name of Applicant:
LG ELECTRONICS INC.

Address of the Applicant:20, YOIDO-DONG, YOUNGDUNGPO-GU, SEOUL 150-721, KOREA

(72) Name of the Inventor:
I. SUH SANG WOON
II. KIM JIN YOUNG

Filed U/S 5(2) before The
Patents (Amendment)
Ordinance, 2004: NO

(57) Abstract: The present invention provides a method of recording control information in a recordable optical disc including at least one recording layer. In recording control information within a management area of an optical disc including at least one or more recording layers, the present invention includes providing the control information to each of the at least one or more recording layers per recording velocity, recording an information identifying a type of the corresponding control information within the control information, and recording a write strategy (WS) interworking with the type of the control information. In recording a write strategy (WS) within disc information, CLV and CAV are separately recorded, whereby it is able to efficiently cope with the record/playback of the optical disc.



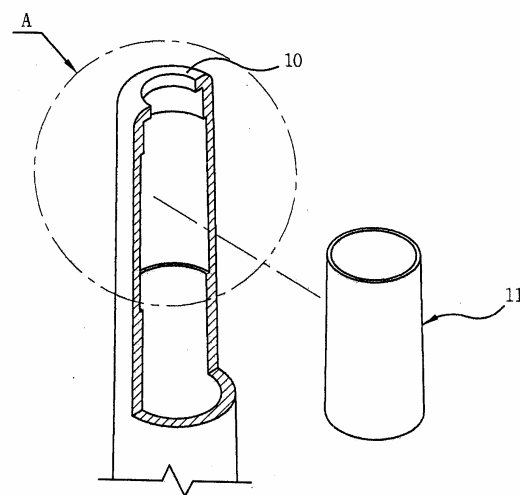
(FIG.1)

(12) PATENT APPLICATION PUBLICATION**(19) INDIA****(22) Date of filing of Application: 14/09/2005****(21) Application No.: 00853/KOL/ 2005 A****A****(43) Publication Date: 22/06/2007****(54) Title of the invention: BOBBIN FOR SPINNING MACHINE**

(51) International classification	: BO1J29/16	(71) Name of Applicant: KIM KYUNG HO
(31) Priority Document No	: 2005-62206 ,2005-74749	Address of the Applicant: 158, KANGNAM-DONG, CHINJU-SHI KYUNGSANGNAM-DO, REPUBLIC OF KOREA.
(32) Priority Date	: 11.07.2005	(72) Inventor: KIM KYUNG HO
	16.08.2005	
(33) Name of priority country	: KOREA	
(86) International Application No and Filing Date	:	
(87) International Publication No	:	
(61) Patent of addition to Application No	: NIL	Filed U/S 5(2) before The Patents (Amendment) Act, 2005: NO
Filed on	: N.A.	
(62) Divisional to Application No	: NIL	
Filed on	: N.A.	

(57) Abstract:

The present invention relates to a bobbin for a spinning machine in which a bushing is installed on an inner peripheral wall of the bobbin in the spinning machine in such a fashion as to be inserted around a peripheral portion of the spindle tip, wherein the bushing is fabricated by an alloy composed of 10~80 wt.% Cu, 10~80 wt.% Ni, and 10~80 wt.% Zn, and is coated with tetra--fluoro polyethylene at an inner peripheral surface thereof and has a thickness not more than 0.3mm, so that strength of the bushing is great despite its thin thickness (below 0.3 mm), twist strength can be also enhanced due to relative increase of the bobbin thickness, and occurrence of ammonia gas due to friction with the spindle during the rotation of the bushing can be suppressed to thereby decrease occurrence of cracks and enhance enduring property.

**(FIG. - 1)**

(12) **PATENT APPLICATION PUBLICATION**

(19) **INDIA**

(22) **Date of filing of Application: 13/05/2005**

(21) **Application No.: 00886/KOLNP/2005**

A

(43) **Publication Date: 22/06/2007**

(54) **Title of the invention:** : **“CONNECTOR HOUSING, CONNECTOR HOUSING MARKING METHOD, AND METHOD OF INSERTING TERMINAL METAL FITTING INTO CONNECTOR HOUSING”**

(51) **International classification** : **H01R 13/641**
(31) **Priority Document No** : **2002-320756**
(32) **Priority Date** : **05/11/2002**
(33) **Name of priority country** : **JAPAN**
(86) **International Application No and Filing Date:** : **PCT/JP2003/01408 6**
05/11/2003
(87) **International Publication No** : **WO 2004/042878 A1**
(61) **Patent of addition to Application No** : **NIL**
Filed on : **NIL**
(62) **Divisional to Application No** : **NIL**
Filed on : **NIL**

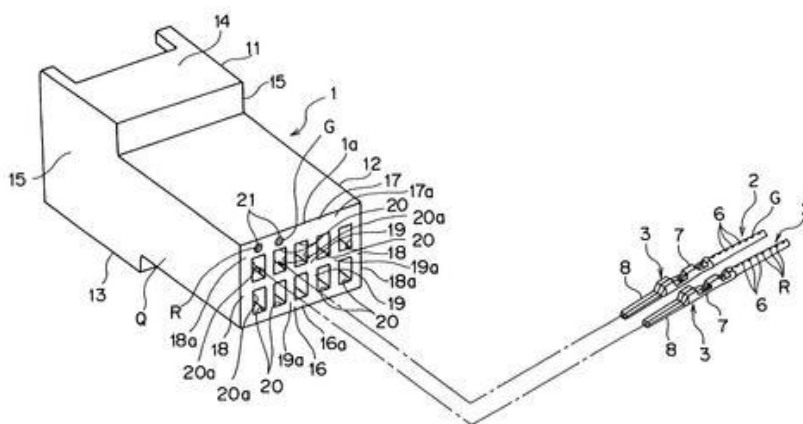
(71) **Name of Applicant: YAZAKI CORPORATION**

Address of the Applicant:
4-28, MITA 1-CHOME, MINATO-KU,
TOKYO 108-8333, JAPAN

(72) **Name of the Inventor: I. KAMATA TAKESHI**
II.YAGI KIYOSHI
III. SUZUKI SHIGEHARU
IV. SUGIMURA KEIGO

Filed U/S 5(2) before The Patents (Amendment) Ordinance, 2004: NO

(57) Abstract: An object of this invention is to provide a connector housing which can be prevented a terminal-receiving chamber from receiving a wrong metal terminal. A connector housing 1 comprises a plurality of terminal-receiving chambers 20 and a plurality of marks 21. The terminal-receiving chamber 20 receives a male terminal 3. Electric wire 2 is attached to the male terminal 3. A mark 6 is formed on an outer surface 5a of the electric wire 2. A colour of the mark 6 of one electric wire 2 is a first colour R. A colour of the mark 6 of the other electric wire 2 is a second colour G. The first colour R is different from the second colour G. The mark 21 corresponds to each terminal-receiving chamber 20. A colour of one mark 21 is the first colour R, which is the same as the colour of the mark 6 of the one electric wire 2. A colour of the other mark 21 is the second colour R, which is the same as the colour of the mark 6 of the other electric wire 2. By forming the mark 21 in a same colour as the mark 6 of the electric wire 2 attached to the male terminal 3 which is to be inserted into the terminal-receiving chamber 20 corresponding to the mark 21, the mark 21 indicates the male terminal 3 to be received by the terminal-receiving chamber 20 corresponding to the mark 21.



(FIG.1)

(12) **PATENT APPLICATION PUBLICATION**

(19) **INDIA**

(22) **Date of filing of Application: 03/06/2005**

(21) **Application No.: 01066/KOLNP/2005**

(43) **Publication Date: 22/06/2007**

A

(54) **Title of the invention: : METHOD AND PLANT FOR APPLYING A HEAT-SHRINKABLE LABEL**

(51) **International classification : B65C 3/06**

(31) **Priority Document No : NA**

(32) **Priority Date : NA**

(33) **Name of priority country : NA**

(86) **International Application No and Filing Date: : PCT/IT2003/00003
4
29/01/2003**

(87) **International Publication No : WO 04/067385**

(61) **Patent of addition to Application No : NIL**

Filed on : NIL

(62) **Divisional to Application No : NIL**

Filed on : NIL

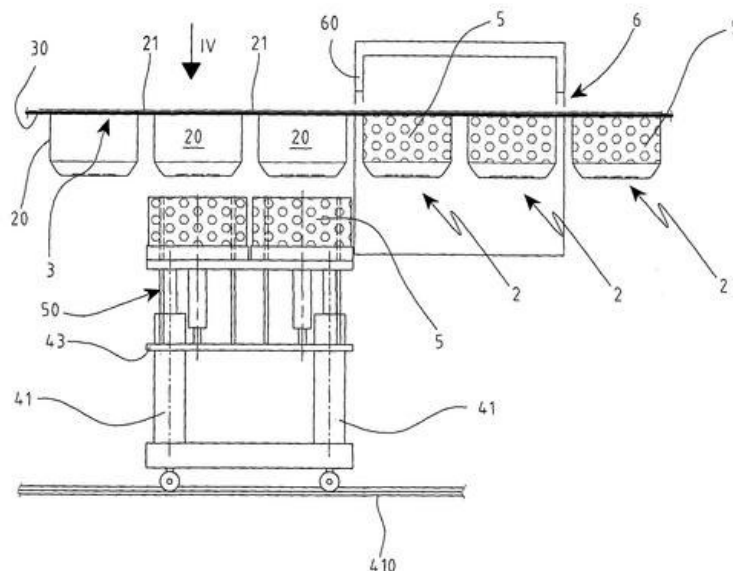
(71) **Name of Applicant:
BENCO PACK S.P.A.**

**Address of the Applicant: VIA TOSCANA,
1, 1-29100 PIACENZA,**

(72) **Name of the Inventor: MINGANTI GIANNI**

**Filed U/S 5(2) before The
Patents (Amendment)
Ordinance, 2004: NO**

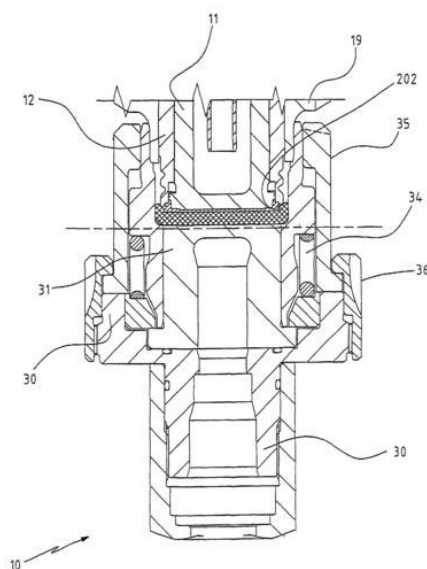
(57) **Abstract:** A container labelling method consisting of predisposing means (3) for supporting at least one container (2) in an erect position; from below, mounting onto the body of said at least one container a heat-shrinkable label in the form of an annular band; and causing the (5) label to adhere to said container. The method is implemented by a plant (1) comprising a device for supporting and transporting (3) at least one container which acts from above on the container suspended in an erect position; means for mounting a heat-shrinkable annular band (4) onto the container from below; and means for causing said label to adhere to said container (6) by heat-shrinkage.



(FIG.1)

(12) PATENT APPLICATION PUBLICATION			
(19) INDIA		(21) Application No.: 01067/KOLNP/2005	A
(22) Date of filing of Application: 03/06/2005		(43) Publication Date: 22/06/2007	
(54) Title of the invention:	: “METHOD AND APPARATUS FOR FORMING ARTICLES MADE OF PLASTICS BY COMPRESSION MOULDING”		
(51) International classification	: B29C 43/14, 43/04, 43/42//43/08, 43/36	(71) Name of Applicant: SACMI COOPERATIVA MECCANICI IMOLA SOCIETA' COOPERATIVA	
(31) Priority Document No	: RE2003A000005	Address of the Applicant: 17/A, VIA SELICE PROVINCIALE, I-40026 IMOLA, ITALY	
(32) Priority Date	: 20/01/2003		
(33) Name of priority country	: ITALY		
(86) International Application No and Filing Date:	: PCT/EP2003/01487 2 23/12/2003	(72) Name of the Inventor: I. PARRINELLO FIORENZO II. BALBONI ALESSANDRO III. ZUFFA ZENO	
(87) International Publication No	: WO 2004/065079 A3		
(61) Patent of addition to Application No	: NIL		
Filed on	: NIL	Filed U/S 5(2) before The Patents (Amendment) Ordinance, 2004: NO	
(62) Divisional to Application No	: NIL		
Filed on	: NIL		

(57) **Abstract:** Method for forming multilayered articles of synthetic material by compression moulding. The method is implemented by an apparatus comprising a plurality of forming units (3), and at least one device (5', 5') for feeding in succession at least two measured quantities (100, 201) of synthetic material in the plastic state to each of said forming units (3, 43, 81), each of said forming units comprising an upper half-mould (9) provided with at least one punch (110, 46) and a lower half-mould comprising at least one die (29, 70, 90, 91) provided with a cavity matching said at least one punch (110, 46), means being provided to align said at least one die with said at least one punch in succession and to drive said die along an alignment axis, and means which collaborate with said at least one punch and said at least one die in such a manner as to define at least two different forming chambers.



(FIG.4)

(12) **PATENT APPLICATION PUBLICATION**

(19) **INDIA**

(22) **Date of filing of Application: 17/06/2005**

(21) **Application No.: 01173/KOLNP/2005**

(43) **Publication Date: 22/06/2007**

A

(54) **Title of the invention:** : **“IMPROVED SOFT FILM”**

(51) **International classification** : **B29C 59/00**

(31) **Priority Document No** : **60/449,845**

(32) **Priority Date** : **27/02/2003**

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

(86) **International Application No and Filing Date:** : **PCT/US2004/00593**
5
27/02/2004

(87) **International Publication No** : **WO 2004/075780**
A2

(61) **Patent of addition to Application No** : **NIL**

Filed on : **NIL**

(62) **Divisional to Application No** : **NIL**

Filed on : **NIL**

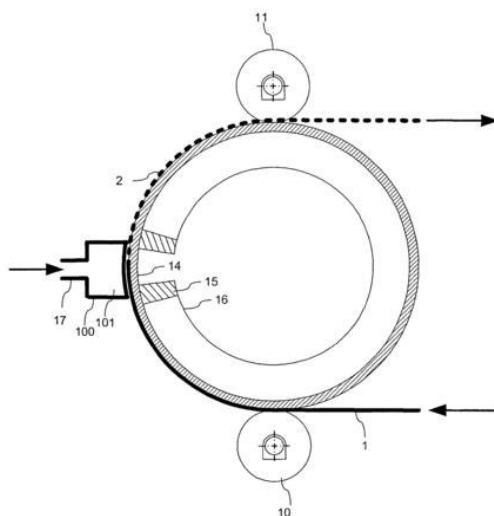
(71) **Name of Applicant:**
TREDEGAR FILM PRODUCTS
CORPORATION

Address of the Applicant:
1100 BOULDINGS PARKWAY,
RICHMOND, VA 23225 U.S.A

(72) **Name of the Inventor:**
I. MASCHINO, ANDREW, D.
II. COPAT, MARCELO, S.

Filed U/S 5(2) before The
Patents (Amendment)
Ordinance, 2004: NO

(57) Abstract: The invention relates to a method of making a film and to a die for making the film. The fluid die includes a fluid feed manifold connected to a housing having positioned therein at least one fluid feed channel in fluid communication with the fluid feed manifold. The housing also includes at least one profiling block within the fluid feed channel.



(FIG.1)

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(21) Application No.: 01213/KOLNP/2005

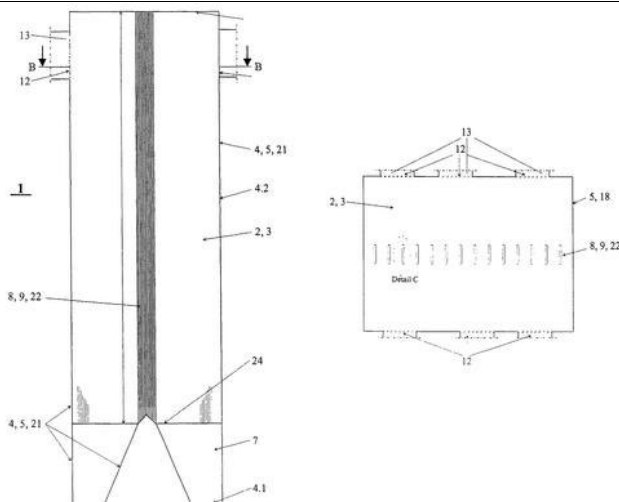
A

(22) Date of filing of Application: 22/06/2005

(43) Publication Date: 22/06/2007

(54)	Title of the invention:	: CONTINUOUS STEAM GENERATOR WITH CIRCULATING ATMOSPHERIC FLUIDIZED-BED FIRING SYSTEM
(51)	International classification	: F22B 31/00
(31)	Priority Document No	: 102 54 780.7
(32)	Priority Date	: 22/11/2002
(33)	Name of priority country	: GERMANY
(86)	International Application No and Filing Date:	: PCT/DE03/003808 18/11/2005
(87)	International Publication No	: WO 2004/048848 A2
(61)	Patent of addition to Application No	: NIL
	Filed on	: NIL
(62)	Divisional to Application No	: NIL
	Filed on	: NIL
(71)	Name of Applicant:	ALSTOM POWER BOILER GMBH
	Address of the Applicant:	AUGSBURGER SGTRASSE 712, 70329 STUTTGART, GERMANY
(72)	Name of the Inventor:	I. WEISSINGER, GERHARD II. STAMATELOPOULOS, III. TRAUTMANN, GUNTER
	Filed U/S 5(2) before The Patents (Amendment) Ordinance, 2004:	NO

(57) **Abstract:** The invention relates to a continuous steam generator with circulating atmospheric fluidised-bed combustion, comprising a turbulence combustion chamber (3). Said turbulence combustion chamber (3) is defined by encircling walls (4) essentially on all sides, consists of gas-permeable tubular walls provided with essentially vertical tubes (5), and comprises at least one funnel (6, 7) in its lower region. The turbulence combustion chamber (3) has at least one essentially vertically arranged heating surface (8) provided with vertical tubes (9), said heating surface (8) consisting of a welded tube-web-tube combination, and a water/steam working medium flows through the tubes (5, 9) of the encircling walls (4) and the heating surface (8). All of the tubes (5, 9) of the encircling walls (4) and the heating surface (8) are embodied as evaporator heating surfaces and are mounted in parallel for the circulation of the entire working medium to be evaporated. In addition, all of the tubes (5) of the encircling walls (4) have an inner smooth surface, and the heating surface (8) extends between the bottom of the combustion chamber (4.1) or the upper edge (24) of the funnel, and the top of the combustion chamber (4.3).



(FIG.3 &5)

(12) **PATENT APPLICATION PUBLICATION**

(19) **INDIA**

(22) **Date of filing of Application: 11/07/2005**

(21) **Application No.: 01324/KOLNP/2005**

(43) **Publication Date: 22/06/2007**

A

(54) **Title of the invention: : SHOWER HEAD**

(51) **International classification : B05B 1/18, A61H 33/02**

(31) **Priority Document No : 102 59 255.1, 103 13 822.6, 103 13 823.4**

(32) **Priority Date : 12/12/2002, 24/03/2003, 24/03/2003**

(33) **Name of priority country : GERMANY**

(86) **International Application No and Filing Date: : PCT/EP2003/01410 1 12/12/2003**

(87) **International Publication No : WO 2004/052550 A1**

(61) **Patent of addition to Application No : NIL**

Filed on : NIL

(62) **Divisional to Application No : NIL**

Filed on : NIL

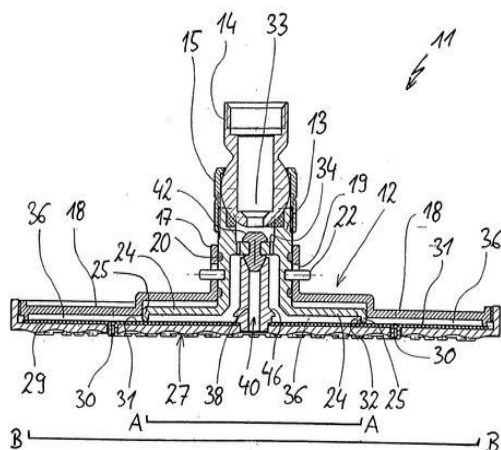
(71) **Name of Applicant: HANSGROHE AG.**

Address of the Applicant:
AUESTRASSE 5-9, 77761 SCHILTACH,
GERMANY

(72) **Name of the Inventor:**
SCHORN, FRANZ

Filed U/S 5(2) before The Patents (Amendment) Ordinance, 2004: NO

(57) **Abstract:** A shower head with housing and a jet outlet surface can be achieved with an example embodiment of the invention. An adjuster device is provided on one side, for adjusting the supply of water to individual or all regions, into which the jet outlet surface is divided. The above can be a central small region and the region surrounding the above. Furthermore, an air supply device is provided for aerating the water jets. The air supply device is simultaneously operated with the switching between the regions.



(FIG.1)

(12) **PATENT APPLICATION PUBLICATION**

(19) **INDIA**

(21) **Application No.: 01339/KOLNP/2005**

A

(22) **Date of filing of Application: 12/07/2005**

(43) **Publication Date: 22/06/2007**

(54) **Title of the invention:** : **PUNCHED/STAMPED RIVET**

(51) **International classification** : **F16B 19/06, C04B 35/488**

(31) **Priority Document No** : **10301114.5**

(32) **Priority Date** : **14/01/2003**

(33) **Name of priority country** : **GERMANY**

(86) **International Application No and Filing Date:** : **PCT/EP03/013756 05/12/2003**

(87) **International Publication No** : **WO 2004/063575 A1**

(61) **Patent of addition to Application No** : **NIL**

Filed on : **NIL**

(62) **Divisional to Application No** : **NIL**

Filed on : **NIL**

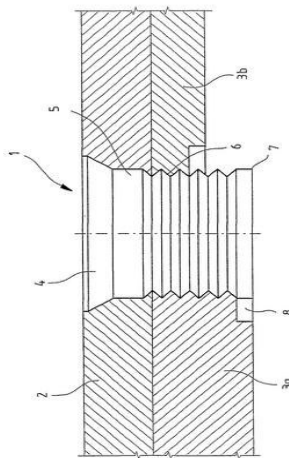
(71) **Name of Applicant: KERB-KONUS-VERTRIERS-GMBH,**

**Address of the Applicant: GERMANY
WERNHER-VON-BRAUN-STRASSE 7,
92224 AMBERG,**

(72) **Name of the Inventor:
DONHAUSER, GEORG,**

**Filed U/S 5(2) before The
Patents (Amendment)
Ordinance, 2004: NO**

(57) Abstract: The invention relates to a punched/stamped rivet (1) comprising a rivet head (4) and a shank (5) connected to said head, for punching through at least two parts to be joined (2, 3a, 3b) lying one on top of the other. The shank (5) contains at least one shank groove (6) that can be filled with the material of at least the lower part to be joined (3a, 3b), viewed in the punching direction, during a subsequent stamping operation. To prevent corrosion between the punched/stamped rivet and the parts to be joined, the punched/stamped rivet (1) consists of a ceramic.



(FIG.1)

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application: 19/07/2005

(21) Application No.: 01397/KOLNP/2005

(43) Publication Date: 22/06/2007

A

(54) Title of the invention: : METHOD FOR FORMING OPHTHALMIC LENSES USING REUSABLE MOLDS

(51) International classification : B29D 11/00, B29C 33/38, 33/40

(31) Priority Document No : 10/323,307

(32) Priority Date : 19/12/2002

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

(86) International Application No and Filing Date: : PCT/US2003/03565 8 10/11/2003

(87) International Publication No : WO 2004/060643 A1

(61) Patent of addition to Application No : NIL

Filed on : NIL

(62) Divisional to Application No : NIL

Filed on : NIL

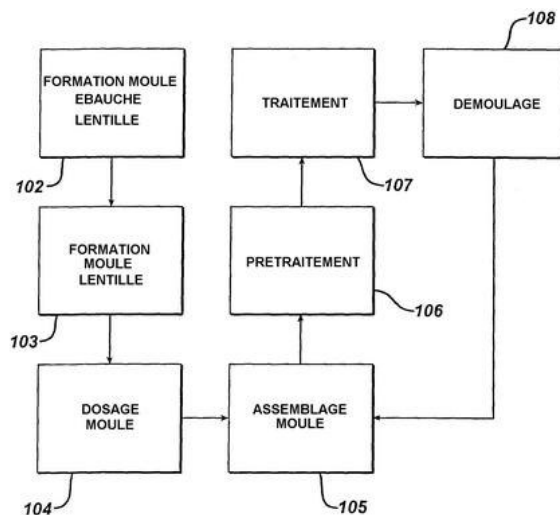
(71) Name of Applicant:
JOHNSON & JOHNSON VISION CARE, INC.

Address of the Applicant: 7500
CENTURION PARKWAY, SUITE 100,
JACKSONVILLE, FL 32256, U.S.A

(72) Name of the Inventor:
1. GREGORY J. HOFMANN
2. THOMAS R. ROONEY
3. VICTOR LUST
4. TURE KINDT-LARSEN
5. CHRISTIAN ELBEK
6. CHRISTOPHER WILDSMITH

Filed U/S 5(2) before The
Patents (Amendment)
Ordinance, 2004: NO

(57) Abstract: A method for manufacturing ophthalmic lenses using reusable thermoplastic moulds is provided. The invention permits the production of a full prescriptive range of lenses while reducing the number of mould inserts required. Further, the method of the invention may be used in a method for the delivery of customize ophthalmic lenses to a lens wearer.



(FIG.1)

(12)	PATENT APPLICATION PUBLICATION			
(19)	INDIA	(21)	Application No.: 01408/KOLNP/2005	A
(22)	Date of filing of Application: 20/07/2005	(43)	Publication Date: 22/06/2007	

(54)	Title of the invention:	: “COATED PEROXYGEN COMPOUNDS WITH CONTROLLED RELEASE, A PROCESS FOR THEIR PREPARATION AND THEIR USE”		
(51)	International classification	: C11D 3/39, 17/00	(71)	Name of Applicant: DEGUSSA AG,
(31)	Priority Document No	: 102 61 161.0 103 20 197.1		Address of the Applicant: BENNIGSENPLATZ 1, 40474 DUSSELDORF, GERMANY
(32)	Priority Date	: 20/12/2002 07/05/2003		
(33)	Name of priority country	: GERMANY	(72)	Name of the Inventor: 1. JAKOB, DR.
(86)	International Application No and Filing Date:	: PCT/EP2003/01353 5 02/12/2003		HARALD
(87)	International Publication No	: WO 2004/056954 A1		2. ZIMMERMANN, DR. KLAUS;
(61)	Patent of addition to Application No	: NIL		3. OVERDICK, RALPH;
	Filed on	: NIL		4. LEONHARDT, DR. WOLFGANG;
(62)	Divisional to Application No	: NIL		
	Filed on	: NIL		Filed U/S 5(2) before The Patents (Amendment) Ordinance, 2004: NO

(57) Abstract: The invention relates to coated peroxygen compounds, in particular coated sodium per carbonate particles, with a delayed release of the active oxygen (= increased dissolving time). Particles according to the invention comprise an innermost shell layer, comprising at least one hydrate-forming inorganic salt, and an outer shell layer, comprising 0.2 to 3 wt.% alkali metal silicate with a modulus of greater than 2.5, in particular 3 to 5, the outer layer having been prepared using an alkali metal silicate solution with an alkali metal silicate concentration in the range from 2 to 20 wt.%. By lowering the alkali metal silicate concentration in the solution to be used, the dissolving time can be increased for the same shell amount. The dissolving time can be increased greatly by the layer sequence and the concentration of the solution, at a low amount of alkali metal silicate.

(FIG. nil)

(12) **PATENT APPLICATION PUBLICATION**

(19) **INDIA**

(22) **Date of filing of Application: 21/07/2005**

(21) **Application No.: 01416/KOLNP/2005**

(43) **Publication Date: 22/06/2007**

A

(54) **Title of the invention: : EASY DUMPING CART**

(51) **International classification : B60P**

(31) **Priority Document No : 10/348,679**

(32) **Priority Date : 22/01/2003**

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

(86) **International Application No and Filing Date: : PCT/US2004/00175
5
22/01/2004**

(87) **International Publication No : WO 2004/65164 A2**

(61) **Patent of addition to Application No : NIL**

Filed on : NIL

(62) **Divisional to Application No : NIL**

Filed on : NIL

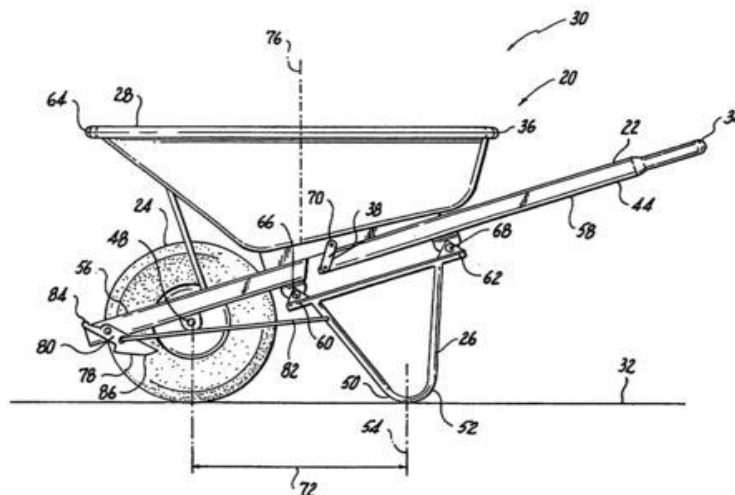
(71) **Name of Applicant: ZIMMCO**

**Address of the Applicant: 4621 DEERWALK
AVENUE, TAMPA, FL 33624, U.S.A**

(72) **Name of the Inventor: ZIMMERMAN
FELON**

**Filed U/S 5(2) before The
Patents (Amendment)
Ordinance, 2004: NO**

(57) Abstract: The use of a pivotal coupling on a cart (20) of the wheelbarrow type allows for a downwardly applied pressure to the user ends of the handles (22) to tip the bucket (28) to at least begin the dumping action of the cart. Following the initial downward pressure with the handles still elevationally displaced downward an upward lift applied to the user ends of the handles (22) completes the dumping action of the cart (20). Use of multiple pivotal axis' (66, 68) on the cart provide for an extremely efficient operation. Various enhancements are explained including locking of the orientation of the cart (22) following the initial dump, wheel blocking to prevent rotation of the ground support wheel (24) relative to the bucket (28) during at least a portion of the final dumping action and stabilization enhancement to prevent lateral tipping of the cart (22) during the final dumping action.



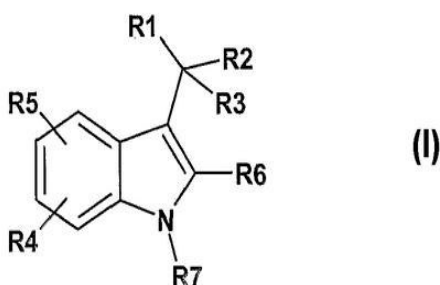
(FIG.1)

(12)	PATENT APPLICATION PUBLICATION			
(19)	INDIA	(21)	Application No.: 01428/KOLNP/2005	A
(22)	Date of filing of Application: 22/07/2005	(43)	Publication Date: 22/06/2007	

(54) **Title of the invention:** : **INDOLE-DERIVATIVE MODULATORS OF STERIOD HORMONE NUCLEAR RECEPTORS**

(51)	International classification	: C07D 409/06,209/10, 407/06,	(71)	Name of Applicant: ELI LILLY AND COMPANY.
(31)	Priority Document No	: 60/441,947		Address of the Applicant: LILLY CORPORATE CENTER, INDIANAPOLIS, IN 46285, U.S.A
(32)	Priority Date	: 22/01/2003		
(33)	Name of priority country	: U.S.A		
(86)	International Application No and Filing Date:	: PCT/US2004/00001 7 20/01/2004	(72)	Name of the Inventor:
(87)	International Publication No	: WO 2004/067529 A1		1. BELL, MICHAEL, GREGORY 2. GAVARDINAS, KONSTANTINOS 3. GERNERT, DOUGLAS, LINN 4. GRESE, TIMOTHY ALAN 5. JADHAV, PRABHAKAR, KONDAJI 6. LANDER, PETER, AMBROSE 7. STEINBERG, MITCHELL, IRVIN
(61)	Patent of addition to Application No	: NIL		
	Filed on	: NIL		
(62)	Divisional to Application No	: NIL		
	Filed on	: NIL		Filed U/S 5(2) before The Patents (Amendment) Ordinance, 2004: NO

(57) **Abstract:** The present invention provides a compound of formula I or a pharmaceutically acceptable salt thereof, pharmaceutical compositions comprising an effective amount of a compound of Formula I in combination with a suitable carrier, diluent, or excipient, and methods for treating physiological disorders, particularly congestive heart disease, comprising administering to a patient in thereof an effective amount of a compound of Formula I.



(FIG. nil)

(12)	PATENT APPLICATION PUBLICATION			
(19)	INDIA	(21)	Application No.: 01441/KOLNP/2005	A
(22)	Date of filing of Application: 25/07/2005	(43)	Publication Date: 22/06/2007	

(54) **Title of the invention:** : **STOMACH PROSTHESIS**

(51)	International classification	: A61F	(71)	Name of Applicant: PYTHON, INC.,
(31)	Priority Document No	: 10/328,248		Address of the Applicant: 1390 WILLOW
(32)	Priority Date	: 23/12/2002		ROAD, MENLO PARK, CA 94025 U.S.A
(33)	Name of priority country	: U.S.A		
(86)	International Application No and Filing Date:	: PCT/US03/041305 22/12/2003	(72)	Name of the Inventor:
(87)	International Publication No	: WO 2004/058102 A2		IMRAQN, MIR, A.
(61)	Patent of addition to Application No	: NIL		Filed U/S 5(2) before The
	Filed on	: NIL		Patents (Amendment)
				Ordinance, 2004: NO
(62)	Divisional to Application No	: NIL		
	Filed on	: NIL		

(57) **Abstract:** The invention relates to implantable stomach prosthesis (30) for surgically replacing or augmenting all or part of the antrum and/or pylorus of a stomach (200). The prosthesis (30) controls the passage of food from the stomach to the small intestine. The prosthesis (30) may be configured to churn ingested material and release it from the stomach through a prosthetic pyloric valve (38). At least one expandable member (36) is arranged to be expanded to control the passage of food and/or to mimic the churning action of a patient's stomach. The prosthesis (30) includes an outer support structure (31), a flexible inner member (32) forming a conduit for the movement of material, and at least one expandable member (36) located between the outer support structure (31) and inner member (32). An implantable pump system (40) is provided for inflating and deflating the expandable member(s) (36).

(FIG. nil)

(12) **PATENT APPLICATION PUBLICATION**

(19) **INDIA**

(22) **Date of filing of Application: 01/08/2005**

(21) **Application No.: 01502/KOLNP/2005**

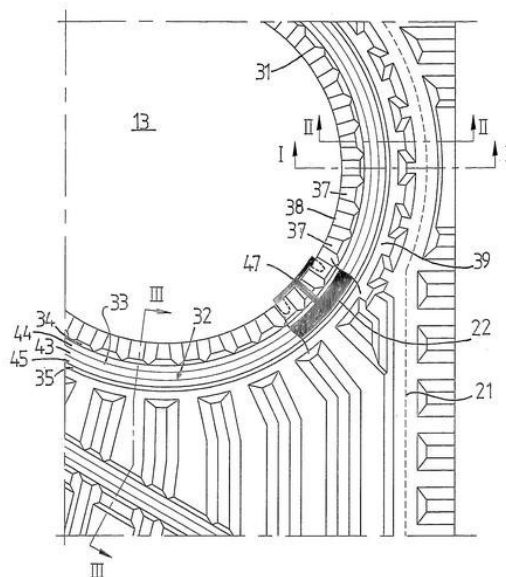
(43) **Publication Date: 22/06/2007**

A

(54) **Title of the invention:** : **A PLATE PACK, A PLATE HEAT EXCHANGER AND A PLATE MODULE**

(51) International classification	: F28F 3/08, F28D 09/00	(71) Name of Applicant: ALFALAVAL CORPORATE AB
(31) Priority Document No	: 0300364-7	Address of the Applicant: BOX 73, S-221 00LUND, SWEDEN
(32) Priority Date	: 11/02/2003	
(33) Name of priority country	: SWEDEN	
(86) International Application No and Filing Date:	: PCT/SE2004/00013 8 02/02/2004	(72) Name of the Inventor: BLOMGREN, RALF
(87) International Publication No	: WO 2004/072570 A1	Filed U/S 5(2) before The Patents (Amendment) Ordinance, 2004: NO
(61) Patent of addition to Application No	: NIL	
Filed on	: NIL	
(62) Divisional to Application No	: NIL	
Filed on	: NIL	

(57) **Abstract:** The invention refers to a plate package and a plate heat exchanger. The plate package includes plate modules with two heat exchanger plates (3), which extend at least an intermediate plane, an upper plane and a lower plane. The heat exchanger plates are permanently connected to each other and form an inner first space therebetween. The plate modules are stacked to each other and form a second space therebetween. Each heat exchanger plate includes two portholes (13) which permit communication with the first space. Each porthole is defined by a port edge (31) and surrounded by a ring groove (32) for a gasket member at a distance from the port edge. The ring groove is formed by a bottom (33) at the level of the intermediate plane, an inner lateral limitation (34) extending upwardly from the bottom towards the port edge, and an outer lateral limitation (35) extending upwardly from the bottom away from the port edge. The outer lateral limitation forms a surface extending without any interruptions continuously around the bottom whereas the inner lateral limitation has a discontinuous extension around the bottom and includes interruptions along this extension.



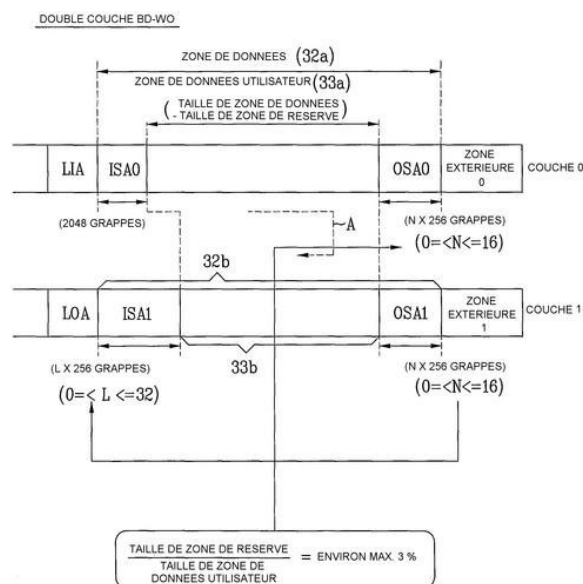
(FIG.6)

(12)	PATENT APPLICATION PUBLICATION		(21)	Application No.: 01515/KOLNP/2005	A
(19)	INDIA		(43)	Publication Date: 22/06/2007	
(22)	Date of filing of Application: 02/08/2005				

(54) Title of the invention: : WRITEONCE OPTICAL DISC, AND METHOD AND APPARATUS FOR ALLOCATING SPARE AREA ON WRITE-ONCE OPTICAL DISC.

(51)	International classification	: G11B 7/00, 11/00	(71)	Name of Applicant: LG ELECTRONICS INC.
(31)	Priority Document No	: 10-2003-0009895 10-2003-0023876		Address of the Applicant: 20, YOIDO-DONG, YOUNGDUNGPO-GU, SEOUL 150-721, KOREA
(32)	Priority Date	: 17/02/2003 16/04/2003	(72)	Name of the Inventor: I. PARK YONG CHEOL II.KIM SUNG DAE
(33)	Name of priority country	: KOREA		
(86)	International Application No and Filing Date:	: PCT/KR2003/0020 25 01/10/2003		
(87)	International Publication No	: WO 2004/072963 A1		
(61)	Patent of addition to Application No	: NIL		Filed U/S 5(2) before The Patents (Amendment) Ordinance, 2004: NO
	Filed on	: NIL		
(62)	Divisional to Application No	: NIL		
	Filed on	: NIL		

(57) **Abstract:** A write-once type optical disc and a method and apparatus for allocating a spare area on the write-once type optical disc are provided. The method includes allocating a data area on a recording medium of write-once type, and allocating a user data area and at least one spare area within the data area on the recording medium, the at least one spare area having a variable size, wherein a maximum recording capacity of the at least one spare area on the recording medium is less than a maximum recording capacity of at least one variable spare area on a rewritable type optical disc.



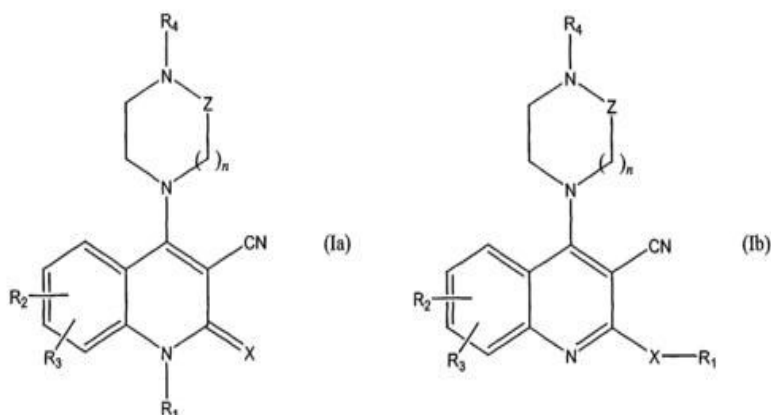
(FIG.5)

(12)	PATENT APPLICATION PUBLICATION			
(19)	INDIA	(21)	Application No.: 01608/KOLNP/2005	A
(22)	Date of filing of Application: 11/08/2005	(43)	Publication Date: 22/06/2007	

(54) **Title of the invention:** : **INHIBITORS OF MACROPHAGE MIGRATION INHIBITORY FACTOR AND METHODS FOR IDENTIFYING THE SAME**

(51)	International classification	: C07C	(71)	Name of Applicant: AVANIR PHERMACEUTICALS
(31)	Priority Document No	: 60/448,427		
(32)	Priority Date	: 14/02/2003		Address of the Applicant: 11388 SORRENTO VALLEY ROAD, SUITE 200, SAN DIEGO, CA 92121, U.S.A
(33)	Name of priority country	: U.S.A		
(86)	International Application No and Filing Date:	: PCT/US2004/004433 13/02/2004	(72)	Name of the Inventor: 1. SIRCAR, JAGADISH, C; 2. KIMAR, SUNIL, K,C; 3.YING, WENBIN;
(87)	International Publication No	: WO 2004/074218 A2		
(61)	Patent of addition to Application No	: NIL		
	Filed on	: NIL		
(62)	Divisional to Application No	: NIL		Filed U/S 5(2) before The Patents (Amendment) Ordinance, 2004: NO
	Filed on	: NIL		

(57) **Abstract:** Inhibitors of MIF are provided which have utility in the treatment of a variety of disorders, including the treatment of pathological conditions associated with MIF activity. The inhibitors of MIF have the following structures (Ia), (Ib) including stereoisomers, prodrugs and pharmaceutically acceptable salts thereof, wherein n, R₁, R₂, R₃, R₄, X, and Z are as defined herein. Compositions containing an inhibitor of MIF in combination with a pharmaceutically acceptable carrier are also provided, as well as methods for use of the same.



(FIG.1AB)

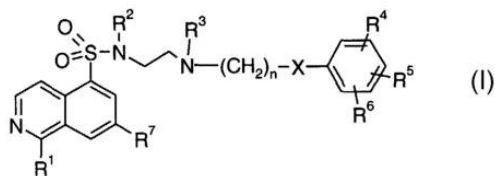
(12) PATENT APPLICATION PUBLICATION**(19) INDIA****(21) Application No.: 01724/KOLNP/2005****(22) Date of filing of Application: 30/08/2005****(43) Publication Date: 22/06/2007**

(54) Title of the invention: : INHIBITORS OF AKT (PROTEIN KINASE B)

(51) International classification : C07D 217/22, A61K 31/472	(71) Name of Applicant: ELI LILLY AND COMPANY,
(31) Priority Document No : 60/458,988	Address of the Applicant: LILLY
(32) Priority Date : 28/03/2003	CORPORATE CENTER,
(33) Name of priority country : U.S.A	INDIANAPOLIS, IN 46285, U.S.A
(86) International Application No and Filing Date: : PCT/US2004/006093 25/03/2004	(72) Name of the Inventor: 1. RIMA SALIM .
(87) International Publication No : WO 2004/094386 A1	AWAR
(61) Patent of addition to Application No : NIL	2. DAVID ANTHONY BARDA
Filed on : NIL	3. ALBERT GERARD DEE
	4. KENNETH JAMES HENRY, JR.
	5. SAJAN JOSEPH
	6. HO-SHEN LIN
(62) Divisional to Application No : NIL	7. JOSE EDUARDO LOPEZ
Filed on : NIL	8. MICHAEL ENRICO RICHETT
	9. CARMEN SOMOZA
	Filed U/S 5(2) before The
	Patents (Amendment)
	Ordinance, 2004: NO

(57) Abstract:

The present invention relates to compounds Formula (I): as inhibitors of AKT activity, which are useful for the treatment of susceptible neoplasms and viral infections.

**(FIG.1)**

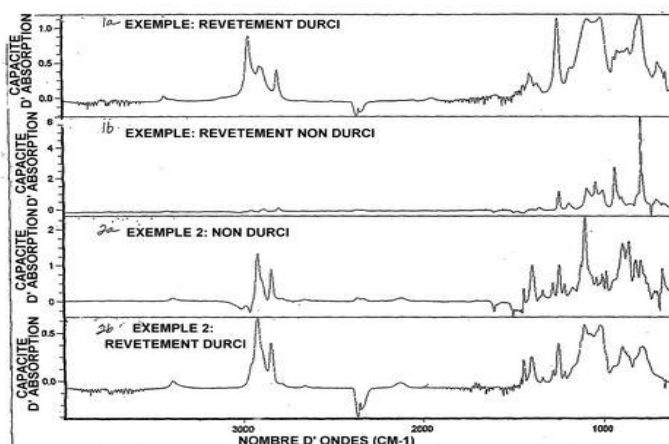
(12)	PATENT APPLICATION PUBLICATION			
(19)	INDIA	(21)	Application No.: 01792/KOLNP/2005	A
(22)	Date of filing of Application: 29/08/2005	(43)	Publication Date: 22/06/2007	

(54) Title of the invention: : "CURABLE COATING COMPOSITIONS"

(51)	International classification	: CO9D 183/06	(71)	Name of Applicant: HENKEL CORPORATION
(31)	Priority Document No	: 60/453,023		
(32)	Priority Date	: 07/03/2003		
(33)	Name of priority country	: U.S.A		Address of the Applicant: 1001 TROUT BROOK CROSSING, ROCKY HILL, CT 06067 U.S.A
(86)	International Application No and Filing Date:	: PCT/US2004/00666 9 04/03/2004	(72)	Name of the Inventor: LU, ZHENG
(87)	International Publication No	: WO 2004/078866 A1		
(61)	Patent of addition to Application No	: NIL		Filed U/S 5(2) before The Patents (Amendment) Ordinance, 2004: NO
	Filed on	: NIL		
(62)	Divisional to Application No	: NIL		
	Filed on	: NIL		

(57) Abstract:

The present invention relates to curable coating compositions which when cured are substantially transparent and exhibit resistance to markings such as graffiti and scuffing and particulate buildup. In particular, the compositions of the present invention when cured provide protective coatings to surfaces to prevent absorption and/or wetting of ink compositions. The invention composition may also be used as mold release agents.



(FIG.1 & 2)

(12)	PATENT APPLICATION PUBLICATION			
(19)	INDIA	(21)	Application No.: 01835/KOLNP/2005	A
(22)	Date of filing of Application: 15/09/2005	(43)	Publication Date: 22/06/2007	

(54) **Title of the invention:** : **ANTIBODY AGAINST TUMOR SPECIFIC ANTIGEN AS TARGET**

(51)	International classification	: C07K 16/32, C12N 15/12, C12Q 1/68, G01N 33/574	(71)	Name of Applicant: SANKYO COMPANY, LIMITED
(31)	Priority Document No	: 2003-063648		Address of the Applicant:
(32)	Priority Date	: 10/03/2003		5-1, NIHONBASHI HONCHO 3-CHOME,
(33)	Name of priority country	: JAPAN		CHUO-KU, TOKYO 103-8426, JAPAN
(86)	International Application No and Filing Date:	: PCT/JP2004/003048 09/03/2004	(72)	Name of the Inventor:
(87)	International Publication No	: WO 2004/081050 A1		1. KIMISHISA ICHIKAWA
(61)	Patent of addition to Application No	: NIL		2. SHU TAKAHASHI
	Filed on	: NIL		3. TOSHINORI AGATSUMA
(62)	Divisional to Application No	: NIL		4. KEISUKE FUKUCHI
	Filed on	: NIL		5. TEKEHIRO HIRAI
				Filed U/S 5(2) before The Patents (Amendment) Ordinance, 2004: NO

(57) Abstract:

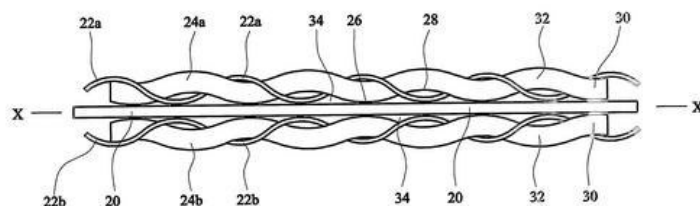
The present invention relates to a method of detecting cancer by use of an oncogene, a method of screening for an active compound useful to treat and/or prevent cancer, and a pharmaceutical composition for treatment and/or prevention of cancer. More specifically, the present invention provides a method of detecting cancer based on the expression of the human oculospanin gene as a marker and a pharmaceutical composition containing an antibody capable of specifically recognizing human oculospanin and having cytotoxic activity against cancer cells.

(FIG.Nil)

(12)	PATENT APPLICATION PUBLICATION			
(19)	INDIA	(21)	Application No.: 01902/KOLNP/2005	A
(22)	Date of filing of Application: 23/09/2005	(43)	Publication Date: 22/06/2007	

(54)	Title of the invention:	: IMPROVEMENTS IN AND RELATING TO COMPOSITE MATERIALS AND STRUCTURES		
(51)	International classification	: D02G3/38	(71)	Name of Applicant: DOW CORNING LIMITED
(31)	Priority Document No	: 0307330.1		
(32)	Priority Date	: 29/03/2003		
(33)	Name of priority country	: UNITED KINGDOM		Address of the Applicant: CARDIFF ROAD, BARRY, VALE OF GLAMORGAN CF63 2YL, UNITED KINGDOM
(86)	International Application No and Filing Date:	: PCT/GB04/001320 26/03/2004		
(87)	International Publication No	: WO 04/088015	(72)	Name of the Inventor:
(61)	Patent of addition to Application No	: NIL		1. HOOK, PATRICK, BARRY
	Filed on	: NIL		2. HANNINGTON, JONATHAN, PAUL
(62)	Divisional to Application No	: NIL		3. BUNCE, TIMOTHY, REX
	Filed on	: NIL		4. EVANS, KENNETH, E
				5. HARTMANN-THOMPSON, CLAIRE
				Filed U/S 5(2) before The Patents (Amendment) Ordinance, 2004: NO

(57) Abstract:
The invention provides composite components, structures and methods for producing composite components, a composite component having a negative effective Poissons ratio, the composite component including a first component and a second component, the first component and the second component extending longitudinally relative to an axis, the first component being provided around the second component through one or more turns, the one or more turns being spaced longitudinally relative to the axis, variation in the tensile load on a first component causing the radial position of the second component relative to the axis to vary.



(FIG.2)

(12) **PATENT APPLICATION PUBLICATION**

(19) **INDIA**

(22) **Date of filing of Application: 10/11/2005**

(21) **Application No.: 02226/KOLNP/2005**

(43) **Publication Date: 22/06/2007**

A

(54) **Title of the invention:** : NON-DAMMING COUPLER

(51) **International classification** : **F16L**
(31) **Priority Document No** : **60/462,098**
(32) **Priority Date** : **10/04/2003**
(33) **Name of priority country** : **U.S.A**
(86) **International Application No and Filing Date:** : **PCT/US04/010894**
: **08/04/2004**
(87) **International Publication No** : **WO 2004/092630**
: **A2**
(61) **Patent of addition to Application No** : **NIL**
Filed on : **NIL**
(62) **Divisional to Application No** : **NIL**
Filed on : **NIL**

(71) **Name of Applicant:**
KOHLER CO.

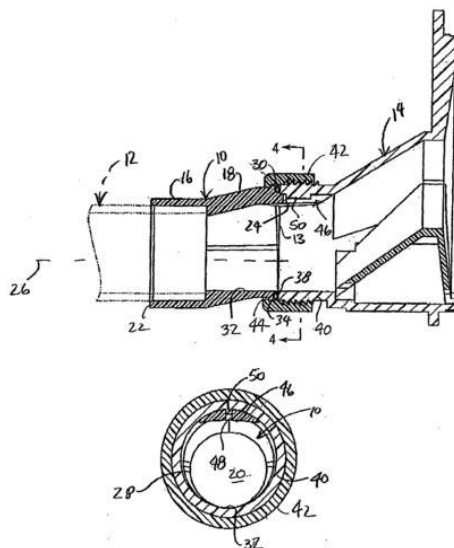
Address of the Applicant:
444 HIGHLAND DRIVE, KOHLER,
WISCONSIN 53044, U.S.A

(72) **Name of the Inventor:** **TEMPAS, JEFFREY,**
F

Filed U/S 5(2) before The
Patents (Amendment)
Ordinance, 2004: NO

(57) Abstract:

An open-ended coupler for joining a pipe to a larger opening defines a passageway having straight and angled sections. The straight section has a uniform inner diameter concentric about a centerline sized to receive the outer diameter of the pipe. The angled section has a narrow end with an inner diameter less than that of a wide end and of the straight section, and being at least as large as the inner diameter of the pipe. The angled section has an upper portion above the centerline that at least in part increases in radius from the narrow end to the wide end. A lower portion has a constant radius, at least along a line extending between the narrow and wide ends at a six o'clock position with respect to the open end of the angled section. A face groove holds an o-ring and an alignment tab fixes the rotational orientation of the coupler.



(FIG.3 & 4)

(12)	PATENT APPLICATION PUBLICATION		
(19)	INDIA	(21)	Application No.: 02626/KOLNP/2005
(22)	Date of filing of Application: 19/12/2005	(43)	Publication Date: 22/06/2007

A

(54) **Title of the invention:** : **COMPOSITIONS OF LIPOPEPTIDE ANTIBIOTIC DERIVATIVES AND METHODS OF USE THEROF**

(51)	International classification	: C07K 7/56, A61K 38/12, A61P 31/04	(71)	Name of Applicant: MIGENIX INC.
(31)	Priority Document No	: 60/488,331		Address of the Applicant: 3650
(32)	Priority Date	: 17/07/2003		WESBROOK MALL, BC RESEARCH
(33)	Name of priority country	: U.S.A		BUILDING, VANCOUVER, BRITISH
(86)	International Application No and Filing Date:	: PCT/US2004/02103 9 28/06/2004		COLUMBIA V6S 2L2, CANADA
(87)	International Publication No	: WO 2005/000878 A2	(72)	Name of the Inventor:
(61)	Patent of addition to Application No	: NIL		I. CAMERON, DALE, R
	Filed on	: NIL		II. BOYD, VINCENT, A
(62)	Divisional to Application No	: NIL		III. LEESE, RICHARD, A
	Filed on	: NIL		IV. CURRAN, WILLIAM, V
				V. BORDERS, DONALD, B
				VI. SGARBI, PAULO, W., M.
				VII. WACOWICH-SGARBI, SHIRLEY A
				VIII. NODWELL, MATTHEW
				IX. CHEN, YUCHEN
				X. JIA, QI
				XI. DUGOURD, DOMINIQUE
				Filed U/S 5(2) before The
				Patents (Amendment)
				Ordinance, 2004: NO

(57) Abstract:

The present invention provides derivatives of lipopeptide antibiotics that display antimicrobial activity against microorganisms, methods and compounds for synthesizing such antimicrobial derivatives and analogues, and methods of using the compounds in a variety of contexts, including in the treatment and prevention of microbial infections.
(FIG.)

(12) **PATENT APPLICATION PUBLICATION**

(19) **INDIA**

(22) **Date of filing of Application: 02/01/2006**

(21) **Application No.: 00002/KOLNP/2006**

(43) **Publication Date: 22/06/2007**

A

(54) **Title of the invention:** : **SPEED MEASUREMENT**

(51)	International classification	: G01S 11/12
(31)	Priority Document No	: 103 34 275.3 10 2004 002 123.6 10 2004 003 259.9 10 2004 030 688.0
(32)	Priority Date	: 25.07.2003 14.01.2004 21.01.2004 24.08.2004
(33)	Name of priority country	: GERMANY
(86)	International Application No and Filing Date:	: PCT/EP04/008258 & 23/07/2004
(87)	International Publication No	: WO 05/012942
(61)	Patent of addition to Application No	: NIL
	Filed on	: NIL
(62)	Divisional to Application No	: NIL
	Filed on	: NIL

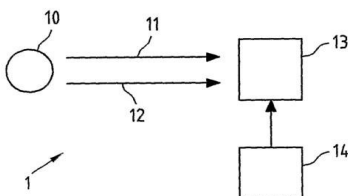
(71) **Name of Applicant: KLAUS WOLTER**
Address of the Applicant: LAKRONSTR. 56
40625 DUSSELDORF GERMANY.

(72) **Name of the Inventor:**
KLAUS WOLTER

Filed U/S 5(2) before The
Patents (Amendment)
Ordinance, 2004: NO

(57) Abstract:

The invention relates to a speed measuring device (1). The aim of said invention is to allow a precise and flexible speed measurement. Said aim is achieved, whereby emission components are transmitted through two different paths (11, 12) and detected. A modification to the phase shift between the emission components in both paths, in relation to a non-operating device (1), represents a rate for the actual speed of the device (1), for evaluation means (13). The influence of a rotary motion on a modification to the phase shift is thus prevented or compensated. Said invention also relates to a system, provided with such a device, and to a corresponding method of speed measurement.



(FIG. 1)

(12)	PATENT APPLICATION PUBLICATION			
(19)	INDIA	(21)	Application No.: 00003/KOLNP/2006	A
(22)	Date of filing of Application: 02/01/2006	(43)	Publication Date: 22/06/2007	

(54) **Title of the invention:** : ANTIOXIDANT WOUND DRESSING MATERIALS

(51)	International classification	: A61L 15/28	(71)	Name of Applicant: JOHNSON & JOHNSON MEDICAL LIMITED. Address of the Applicant: AIREBANK MILL, GARGRAVE, SKIPTON BD23 3RX, GREAT BRITAIN.
(31)	Priority Document No	: 0314454.0 60/491,991 0326844.8		
(32)	Priority Date	: 20.06.2003 04.08.2003 18.11.2003		
(33)	Name of priority country	: GB, U.S.A. & GB	(72)	Name of the Inventor:
(86)	International Application No and Filing Date:	: PCT/GB04/002636 & 21/06/2004		1. CULLEN, BREDA, MARY, 2. ADDISON, DEBORAH, 3. GREENHALGM, DAVID
(87)	International Publication No	: WO 04/112850		
(61)	Patent of addition to Application No	: NIL		Filed U/S 5(2) before The Patents (Amendment) Ordinance, 2004: NO
	Filed on	: NIL		
(62)	Divisional to Application No	: NIL		
	Filed on	: NIL		

(57) Abstract:

A wound dressing material comprising a solid bioabsorbable substrate dyed with an antioxidant dyestuff. The substrate may comprise collagen, chitosan or oxidized regenerated cellulose, and the dyestuff may for example be an aniline or acridine dye. The material preferably also comprises a silver salt, whereby the dyestuff stabilizes the silver salt. Also provided are methods of making such materials, and wound dressings comprising such materials.

(FIG. NIL)

A

**Filed U/S 5(2) before The
Patents (Amendment)
Ordinance, 2004: NO**

A

(12) PATENT APPLICATION PUBLICATION		(21) Application No.: 00009/KOLNP/2006	A
(19) INDIA		(43) Publication Date: 22/06/2007	
(22) Date of filing of Application: 02/01/2006			
(54) Title of the invention: MDEA ESTER QUATS WITH HIGH CONTENT OF MONOESTER IN BLENDS WITH TEA ESTER QUATS			
(51) International classification	: C11D 1/645, 3/00	(71) Name of Applicant:	
(31) Priority Document No	: 10/458,912		DEGUSSA AG.,
(32) Priority Date	: 11/06/2003	Address of the Applicant:	
(33) Name of priority country	: USA		BENNIGSENPLATZ 1, 40474 DUSSELDORF,
(86) International Application No and Filing Date	: PCT/US04/014255 : & 07/05/2004		GERMANY.
(87) International Publication No	: WO 05/001010	(72) Name of the Inventor:	
(61) Patent of addition to Application No Filed on	: NA : NA		ROBERT O. KEYS,
(62) Divisional to Application No Filed on	: NA : NA		CRISTOPHER J. TONEY
			DAVID L. GEVERT
		Filed U/S 5(2) before The Patents (Amendment) Act, 2005: NO	

(57) Abstract:

A fabric softener composition in which a blend of high mono alkyl MDEA and TEA ester quats is provided. The fabric softener composition includes a blend of from about 15 to about 65 %, by weight of the total blend, of a triethanol amine ester quat and from about 35 to about 85 %, by weight of the total blend, of a methyl diethanol amine ester quat having a mono alkyl ester quat level of about 10 % or greater.

(FIG).nil

(12)	PATENT APPLICATION PUBLICATION			
(19)	INDIA	(21)	Application No.: 00010/KOLNP/2006	A
(22)	Date of filing of Application: 02/01/2006	(43)	Publication Date: 22/06/2007	

(54)	Title of the invention:	: CARRIER BASED ON GRANULES PRODUCED FROM PYROGENICALLY PREPARED SILICON DIOXIDES		
(51)	International classification	: C01B 33/18	(71)	Name of Applicant: DEGUSSA AG.,
(31)	Priority Document No	: 103 37 198.2		Address of the Applicant:
(32)	Priority Date	: 13.08.2003		BENNIGSENPLATZ 1 40474 DUSSELDORF
(33)	Name of priority country	: GERMANY		GERMANY.
(86)	International Application No and Filing Date:	: PCT/EP04/006719 & 26.06.2004	(72)	Name of the Inventor:
(87)	International Publication No	: WO 05/016823		1 DR. PETER NEUGEBAUER,
(61)	Patent of addition to Application No	: NIL		2 DR. STEFFEN HASENZAHN,
	Filed on	: NIL		3 DR. CLAUS-PETER DREXEL,
(62)	Divisional to Application No	: NIL		4 DR. JUGEN MEYER.
	Filed on	: NIL		Filed U/S 5(2) before The Patents (Amendment) Ordinance, 2004: NO

(57) Abstract:

The invention relates to the use of granules produced from pyrogenically prepared silicon dioxides as carriers for substances chosen from the group consisting of foodstuffs additives, such as dyestuffs, antioxidants, preservatives, emulsifiers, gelling agents, thickeners and binders, stabilizers, alkalis, acids, salts, antilumping agents, flavour intensifiers, sweeteners, aromas, feedstuffs additives, chemical intermediates and plant protection agents.

(FIG. NIL)

A

(54) **Title of the invention:** : EFFICIENT MICRO FUEL CELL SYSTEMS AND METHODS

(51) International classification : H01M 08/04

(31) **Priority Document No** : 60/482,981

60/483,416

60/482,996

(32) **Priority Date** : 27.06.2003

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

(86) **International Application No** : **PCT/US04/020517**
and Filing Date: **& 25.06.2004**

(87) International Publication No : WO 05/004257

(61) Patent of addition to Application No. : NIL

Filed on : **NIL**

(62) Divisional to Application No : NIL

Filed on : **NIL**

(71) Name of Applicant: ULTRACELL CORPORATION.

Address of the Applicant: 399 LINDBERGH
AVENUE, LIVERMORE, CALIFORNIA
94551, U.S.A.

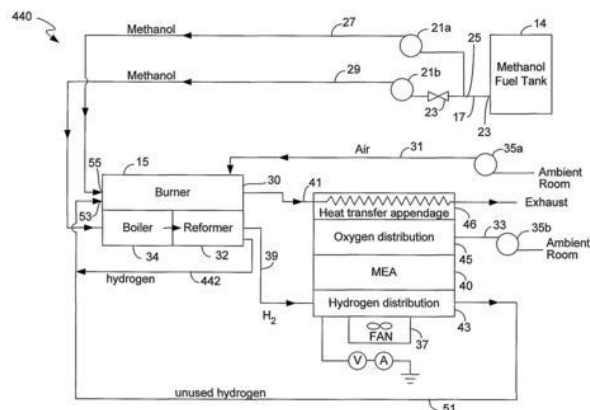
(72) **Name of the Inventor:**

1.KAYE IAN W.,
2.TUCKER GERRY.

**Filed U/S 5(2) before The
Patents (Amendment)
Ordinance, 2004: NO**

(57) Abstract:

Described herein are fuel cell systems (10, 400, 420, 440, 460) and methods of using fuel cell systems. The systems include a fuel cell (20) that generates electrical energy using hydrogen and a fuel processor (15) that produces hydrogen from a fuel source (16). The fuel processor (15) includes a reformer (32) and a burner (30) that heats the reformer (32). One heat efficient fuel cell system described herein heats internal portions of a fuel cell (20) using a heating medium from a fuel processor (15). The heating medium may comprise gases exhausted at high temperatures from the fuel processor (15), which are then transported to the fuel cell (20). The heating medium may also include a gas that reacts catalytically in the fuel cell (20) to produce heat. Systems and methods for expediting fuel cell system start up are provided. Methods for shutting down a fuel cell system are also described that reduce the amount of moisture and gases in the reformer (32) and in one or more fuel cell components. One hydrogen efficient fuel cell system described herein transports hydrogen to an inlet of a burner (30). The hydrogen may comprise unused hydrogen from a fuel cell (20) and/or hydrogen produced in a reformer (32). The burner (30) comprises a catalyst that facilitates production of heat in the presence of the hydrogen.



(FIG. 4A)

(12) PATENT APPLICATION PUBLICATION**(19) INDIA****(22) Date of filing of Application: 02/01/2006****(21) Application No.: 00015/KOLNP/2006****A****(43) Publication Date: 22/06/2007****(54) Title of the invention: MODULAR AIR PURIFICATION SYSTEM**

(51) International classification : B01D 35/30
(31) Priority Document No : 60/477,095
(32) Priority Date : 09/06/2003
(33) Name of priority country : US
(86) International Application No and Filing Date : PCT/IL04/000484 09/06/2004
(87) International Publication No : WO 05/108248 A3
(61) Patent of addition to Application No : NIL
Filed on : N.A.
(62) Divisional to Application No : NIL
Filed on : N.A.

(71) Name of Applicant:
PUREnCLEAR ENVIRONMENTAL TECHNOLOGY

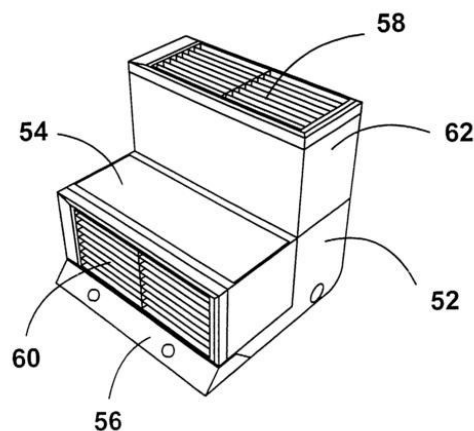
Address of the Applicant:
45 HA'EGOZ ST 44864 KOCHAV YAIR ISRAEL

(72) Name of the Inventor:
1. LANKER NOAM
2. ROTENBERG MORDECHAI

Filed U/S 5(2) before The Patents (Amendment) Act, 2005: NO

(57) Abstract:

The invention discloses a modular air purification system comprising a basic purification unit (10) having an inlet (58) and an outlet (60) where the basic purification unit comprises a motor, a fan (64) actuated by the motor and a controller (56). The purification system further comprises at least one enhancing unit (54) adapted to be electrically connected to the basic purification unit or to another enhancing unit in which a plurality of filters (70) are provided. Air that passes through the purification system passes through said the filters. The purification system further comprises at least one voltage connection plugs (104) adapted to electrically connect the basic purification system to the enhancing unit. The enhancing units are adapted to be connected to the basic purification unit in a fully modular manner.



(FIG. - 3)

(12) **PATENT APPLICATION PUBLICATION**

(19) **INDIA**

(22) **Date of filing of Application: 02/01/2006**

(21) **Application No.: 00016/KOLNP/2006**

(43) **Publication Date: 22/06/2007**

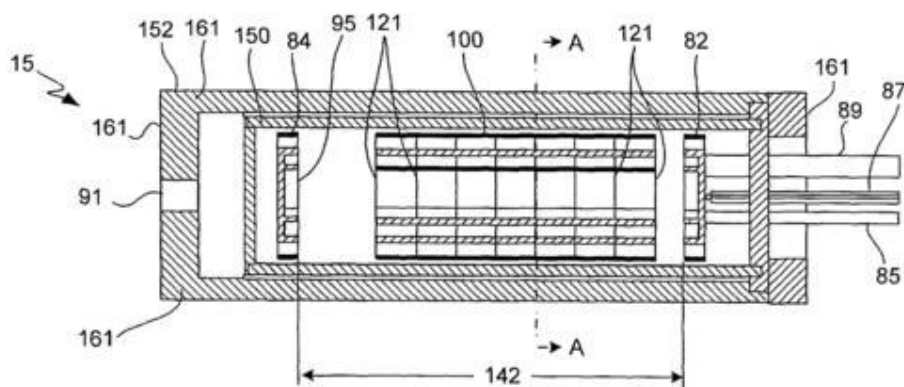
A

(54) **Title of the invention:** : ANNULAR FUEL PROCESSOR AND METHODS

(51) International classification	: B01J 8/04	(71) Name of Applicant:	ULTRACELL CORPORATION.
(31) Priority Document No	: 60/483,416 60/482,996	Address of the Applicant:	399 LINDBERGH AVENUE, LIVERMORE, CALIFORNIA 94551, U.S.A.
(32) Priority Date	: 27.06.2003		
(33) Name of priority country	: U.S.A		
(86) International Application No and Filing Date:	: PCT/US04/020299 & 25.06.2004	(72) Name of the Inventor:	
(87) International Publication No	: WO 05/004256	1 KAYE IAN W.,	
		2 SOMOGYVARI ARPAD,	
		3 KHAN QAILMUS.	
(61) Patent of addition to Application No	: NIL	Filed U/S 5(2) before The Patents (Amendment) Ordinance, 2004:	NO
Filed on	: NIL		
(62) Divisional to Application No	: NIL		
Filed on	: NIL		

(57) Abstract:

A fuel processor (15) that produces hydrogen (39) from a fuel source (29). The fuel processor (15) comprises a reformer (32) and a burner (30). The reformer (32) includes a catalyst for production of the hydrogen (39). Voluminous reformer chambers increase the amount of catalyst used in the reformer (32) and consequently increase hydrogen production for given fuel processor size. The burner (30) provides heat to the reformer (32). One or multiple burners can surround the reformer on multiple sides to increase heat transfer. Dewars (150) can be used to further increase thermal management of the fuel processor (15) and increase burner efficiency. A dewar (150) includes one or more dewar chambers that receive inlet air (31) before the burner (30) receives the air (31). The air (31) is preheated in the dewar (150) chamber using heat generated by the burner (30).



(FIG. 2A)

(12) PATENT APPLICATION PUBLICATION			(21) Application No.: 00017/KOLNP/2006	A
(19) INDIA			(43) Publication Date: 22/06/2007	
(22) Date of filing of Application: 02/01/2006				
(54) Title of the invention: PORTABLE FUEL CARTRIDGE FOR FUEL CELLS				
(51) International classification	:	B65B 1/04	(71) Name of Applicant:	
(31) Priority Document No	:	60/483,416	ULTRACELL CORPORATION.,	
		60/482,996		
		60/483,415	Address of the Applicant:	
(32) Priority Date	:	27/06/2003	399 LINDBERGH AVENUE, LIVEMORE,	
		27/06/2003	CALIFORNIA 94551, USA.	
		27/06/2003		
(33) Name of priority country	:	USA	(72) Name of the Inventor:	
(86) International Application No and Filing Date	:	PCT/US04/020519	KAYE IAN W	
	:	& 25/06/2004	KASCHMITTER JAMES L	
(87) International Publication No	:	WO 05/004258		
(61) Patent of addition to Application No	:	NA		
Filed on	:	NA		
(62) Divisional to Application No	:	NA	Filed U/S 5(2) before The Patents (Amendment)	
Filed on	:	NA	Act, 2005: NO	

(57) Abstract:

Described herein is a portable storage device that stores a hydrogen fuel source. The storage device includes a bladder that contains the hydrogen fuel source and conforms to the volume of the hydrogen fuel source. A housing provides mechanical protection for the bladder. The storage device also includes a connector that interfaces with a mating connector to permit transfer of the fuel source to a device such as a laptop computer. The refillable system comprises a hydrogen fuel source refiller that includes the mating connector and provides the hydrogen fuel source to the storage device. Hot swappable fuel storage systems described hydrogen fuel source to, without shutting down there receiving device or without compromising hydrogen fuel source provision to the receiving device for a limited time.

(FIG Nil).

(12) **PATENT APPLICATION PUBLICATION**

(19) **INDIA**

(22) **Date of filing of Application: 02/01/2006**

(21) **Application No.: 00020/KOLNP/2006**

(43) **Publication Date: 22/06/2007**

A

(54) **Title of the invention:** : RECUPERATOR AND COMBUSTOR FOR USE IN EXTERNAL COMBUSTION ENGINES AND SYSTEM FOR GENERATING POWER EMPLOYING SAME

(51) **International classification** : **F02G 1/043**

(31) **Priority Document No** : 60/484, 508

(32) **Priority Date** : 01.07.2003

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

(86) **International Application No and Filing Date:** : **PCT/US04/021288 & 01/07/2004**

(87) **International Publication No** : **WO 05/003542**

(61) **Patent of addition to Application No** : **NIL**

Filed on : **NIL**

(62) **Divisional to Application No** : **NIL**

Filed on : **NIL**

(71) **Name of Applicant:** TIAX LLC.

Address of the Applicant: 15 ACORN PARK,
CAMBRIDGE, MASSACHUSETTS 02140,
U.S.A..

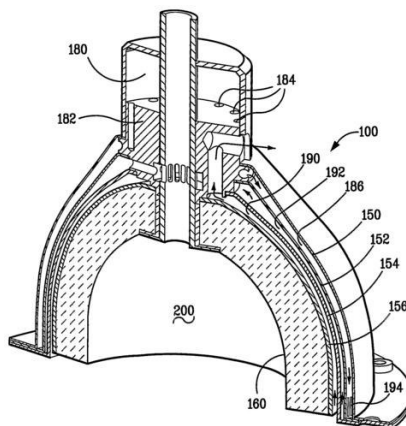
(72) **Name of the Inventor:**

1.PELLIZZARI ROBERTO O,
2.LOTFUS PETER.

**Filed U/S 5(2) before The
Patents (Amendment)
Ordinance, 2004: NO**

(57) Abstract:

A combustor/recuperator assembly for use in an external combustion engine, such as a Stirling engine. The assembly comprised: a plurality of substantially hemispherical domed members positioned in nested uniaxial spaced relation, said plurality of substantially hemispherical domed members forming at least a first flow chamber and a second flow chamber, said first flow chamber for passing an incoming charge of air therethrough and said second flow chamber for passing an outgoing charge of combustion exhaust gases therethrough, wherein said second chamber is positioned to be effective to heat the incoming charge of air.



(FIG. 2)

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application: 02/01/2006

(21) Application No.: 00021/KOLNP/2006

A

(43) Publication Date: 22/06/2007

(54) Title of the invention: MOTOR VEHICLE

(51) International classification : B60L 11/18
(31) Priority Document No : 103 31 084.3
(32) Priority Date : 09/07/2003
(33) Name of priority country : DE
(86) International Application No and Filing Date : PCT/EP04/003151
(87) International Publication No : WO 05/009779 A1
(61) Patent of addition to Application No : NIL
Filed on : N.A.
(62) Divisional to Application No : NIL
Filed on : N.A.

(71) Name of Applicant:
WOBBEN ALOYS

Address of the Applicant:
ARGESTRASSE 19,26607 AURICH
GERMANY

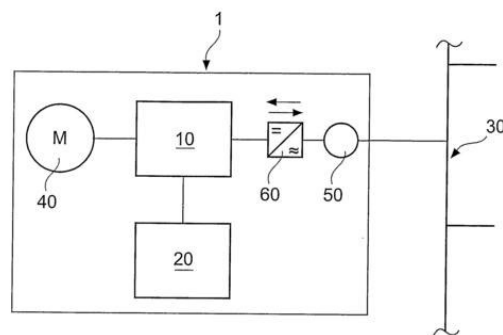
(72) Name of the Inventor:
1. WOBBEN ALOYS

Filed U/S 5(2) before The Patents (Amendment)
Act, 2005: NO

(57) Abstract:

The invention relates to a motor vehicle comprising at least one electric motor, an energy accumulator for supplying drive energy to the electric motor, a plug-in connector which is connected to the energy accumulator and is used to connect to a current source, and a control system for controlling the current flow from the current source to the energy accumulator. The aim of the invention is to provide a motor vehicle that can contribute to reducing the load during consumption peaks in the network. To this end, the invention relates to a motor vehicle comprising at least one electric motor, an energy accumulator for providing drive energy for the electric motor, a plug-in connector which is connected to the energy accumulator and is used to connect to a current source and to a control system for controlling the current flow from the current source to the energy accumulator. The inventive motor vehicle is characterised in that the control system enables a current flow from the energy accumulator to the current source (network), and a current inverter is provided in or outside the vehicle, by which means the electrical power of the energy accumulator can be fed as an alternating current into the current source (network).

(FIG. – 1a)



(12) PATENT APPLICATION PUBLICATION**(19) INDIA****(22) Date of filing of Application: 02/01/2006****(21) Application No.: 00023/KOLNP/2006****A****(43) Publication Date: 22/06/2007****(54) Title of the invention: METHOD FOR PRODUCING VALVE SEATS AND VALVE**

(51) International classification : B24B 15/00
(31) Priority Document No : 03014909.0
(32) Priority Date : 01/07/2003
(33) Name of priority country : EP
(86) International Application No and Filing Date : PCT/EP04/007062 30/06/2004
(87) International Publication No : WO 05/000524 A1
(61) Patent of addition to Application No : NIL
Filed on : N.A.
(62) Divisional to Application No : NIL
Filed on : N.A.

(71) Name of Applicant:
GEHRING GMBH & CO KG

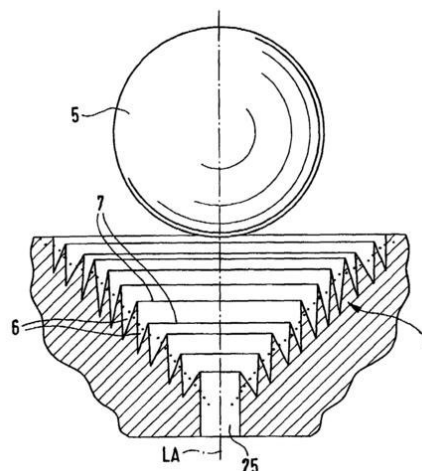
Address of the Applicant:
GEHRINGSTRASSE 28 73747 OSTFILDERN
GERMANY

(72) Name of the Inventor:
1 FLORES GERHARD
2 ZANG HARALD
3 WEBER ALEXANDER
4 ZOUDLIK CARSTEN

Filed U/S 5(2) before The Patents (Amendment) Act, 2005: NO

(57) Abstract:

Disclosed is a valve comprising a valve seat, the surface of which is provided with several concentric grooves (6) with profiled elevations (7) that are embodied therebetween. The roughness of the valve seat surface, which is defined by the grooves and the profiled elevations, is greater than the roughness of the surface of the valve closing member while the tips of the profiled elevations (7) can be elastically deformed by the valve and form a plurality of concentric sealing surfaces when the valve is closed.



(FIG. - 3)

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application: 02/01/2006

(21) Application No.: 00024/KOLNP/2006

A

(43) Publication Date: 22/06/2007

(54) Title of the invention: COMPOSITIONS AND METHODS FOR TREATMENT OF DISEASE WITH ACETYLATED DISACCHARIDES

(51) International classification : C07H
(31) Priority Document No : 60/475,306
(32) Priority Date : 03/08/2003
(33) Name of priority country : USA
(86) International Application No and Filing Date : PCT/US04/017512 & 01/06/2004
(87) International Publication No : WO 05/000860
(61) Patent of addition to Application No Filed on : NA
(62) Divisional to Application No Filed on : NA

(71) Name of Applicant:
THE REGENTS OF THE UNIVERSITY OF CALIFORNIA.

Address of the Applicant:

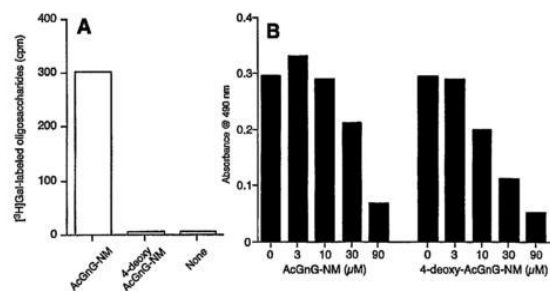
1111 FRANKLIN STREET, 5TH FLOOE,
OAKLAND CALIFORNIA 94607, USA.

(72) Name of the Inventor:
ESKO, JEFFREY D

Filed U/S 5(2) before The Patents (Amendment)
Act, 2005: NO

(57) Abstract:

Compositions and methods for treatment of disease with acetylated disaccharides and analogs thereof are provided.



(FIG). 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application: 03/01/2006

(21) Application No.: 00028/KOLNP/2006

A

(43) Publication Date: 22/06/2007

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

(51) International classification : H04B 7/24
(31) Priority Document No : 10-2004-0001726
(32) Priority Date : 09/01/2004
(33) Name of priority country : KR
(86) International Application No and Filing Date : PCT/KR05/000059 : 08/01/2005
(87) International Publication No : WO 05/067172 A1
(61) Patent of addition to Application No : NIL
Filed on : N.A.
(62) Divisional to Application No : NIL
Filed on : N.A.

(71) Name of Applicant:
LG ELECTRONICS INC

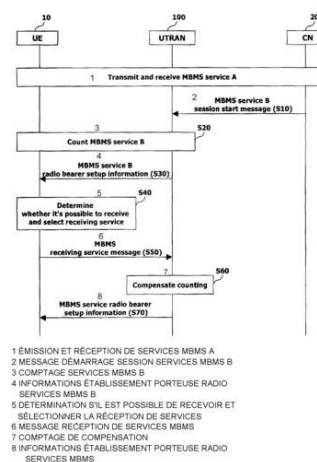
Address of the Applicant:
20 YOIDO-DONG YOUNGDUNGPO-GU SEOUL
150-010 REPUBLIC OF KOREA

(72) Name of the Inventor:
1.YI SEUNG-JUNE
2.CHUN SUNG-DUCK
3.LEE YOUNG-DAE

Filed U/S 5(2) before The Patents (Amendment)
Act, 2005: NO

(57) Abstract:

A method for receiving a service in a mobile terminal from a network in a wireless communication system, the method comprising establishing a first radio bearer and receiving a first service associated with the first radio bearer and receiving second radio bearer setup information from the network to establish a second radio bearer for receiving a second service associated with the second radio bearer. The mobile terminal prioritizes between the first service associated with the first radio bearer and the second service associated with the second radio bearer and determines whether the mobile terminal is able to receive a higher prioritized service if the second radio bearer is established. Furthermore, the mobile terminal retains the higher prioritized service.



(FIG. - 4)

(12) PATENT APPLICATION PUBLICATION**(19) INDIA****(22) Date of filing of Application: 03/01/2006****(21) Application No.: 00034/KOLNP/2006****A****(43) Publication Date: 22/06/2007**

(54) Title of the invention: METHOD OF INHIBITING CORROSION OF COPPER PLATED OR METALLIZED SURFACES AND CIRCUITRY DURING SEMICONDUCTOR MANUFACTURING PROCESSES

(51) International classification	: H01L 31/02	(71) Name of Applicant:	
(31) Priority Document No	: 10/617,467	NALCO COMPANY	
(32) Priority Date	: 11/07/2003		
(33) Name of priority country	: US	Address of the Applicant:	
(86) International Application No and Filing Date	: PCT/US04/017977 07/06/2004	1601 DIEHI ROAD, NAPERVILLE ILLINOIS	
(87) International Publication No	: WO 05/015608 A2	60563-1198 USA	
(61) Patent of addition to Application No Filed on	: NIL N.A.	(72) Name of the Inventor:	
(62) Divisional to Application No Filed on	: NIL N.A.	1 JENKINS BRIAN V	
		2 HOOTS JOHN	
		Filed U/S 5(2) before The Patents (Amendment) Act, 2005: NO	

(57) Abstract:

A treatment bath for use in the manufacture of copper plated or metallized semiconductor devices and a method of inhibiting corrosion of copper plated or metallized surfaces and circuitry in the semiconductor devices immersed in an aqueous fluid in a treatment bath comprising adding to the aqueous fluid an effective corrosion inhibiting amount of one or more aromatic triazole corrosion inhibitors; fluorometrically monitoring the concentration of aromatic triazole corrosion inhibitors in the aqueous fluid; and adding additional aromatic triazole corrosion inhibitor to the aqueous fluid to maintain an effective corrosion inhibiting concentration of the aromatic triazole corrosion inhibitor in the aqueous fluid.

(FIG. Nil)

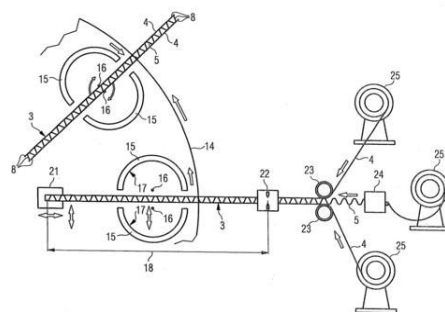
(12)	PATENT APPLICATION PUBLICATION		
(19)	INDIA	(21)	Application No.: 00041/KOLNP/2006
(22)	Date of filing of Application: 04/01/2006	(43)	Publication Date: 22/06/2007

A

(54)	Title of the invention: : CONSTRUCTION OF A METALLIC HONEYCOMB STRUCTURE, AND PROCESS FOR PRODUCING IT		
(51)	International classification	: F01N 3/28, B01J 35/04, B23K 1/00	(71) Name of Applicant: EMITEC GESELLSCHAFT FUR EMISSIONS-TECHNOLOGIE MBH
(31)	Priority Document No	: 103 29 002.8	
(32)	Priority Date	: 27/06/2003	
(33)	Name of priority country	: GERMANY	Address of the Applicant: HAUPTSTRASSE 150 53797 LOHMAR GERMANY
(86)	International Application No and Filing Date:	: PCT/EP2004/00620 3 09/06/2004	
(87)	International Publication No	: WO 2005/001251 A1	(72) Name of the Inventor: VOIT, Michael [PETERS, Jürgen KURTH, Ferdi . WIERES, Ludwig
(61)	Patent of addition to Application No	: NIL	
	Filed on	: NIL	Filed U/S 5(2) before The Patents (Amendment) Ordinance, 2004: NO
(62)	Divisional to Application No	: NIL	
	Filed on	: NIL	

(57) Abstract:

The invention relates to a honeycomb structure (1) that comprises a plurality of substantially parallel channels (2), comprising a layer (3) of at least partially structured metal sheets (4, 5) and a housing (6). The honeycomb structure is characterized in that the layer (3) comprises a number (N) of at least partially structured metal sheets (5) and a number (N+1) of smooth metal sheets (4), the number N = 1, 2 or 3 and two exterior smooth metal sheets (4) being provided. The invention also relates to a method for producing such a honeycomb structure (1). The inventive honeycomb structures (1) are especially used in exhaust gas systems of mobile internal combustion engines.



(FIG.1)

(12) PATENT APPLICATION PUBLICATION**(19) INDIA****(22) Date of filing of Application: 04/01/2006****(21) Application No.: 00043/KOLNP/2006****A****(43) Publication Date: 22/06/2007****(54) Title of the invention: SURGICAL SYSETM WITH A STAPLING INSTRUMENT AND RETRACTOR**

(51) International classification : A61B 17/072
(31) Priority Document No :
(32) Priority Date :
(33) Name of priority country :
(86) International Application No and Filing Date : PCT/EP03/006352 16/06/2003
(87) International Publication No : WO 04/110285 A1
(61) Patent of addition to Application No : NIL
Filed on : N.A.
(62) Divisional to Application No : NIL
Filed on : N.A.

(71) Name of Applicant:
ETHICON ENDO-SURGERY INC

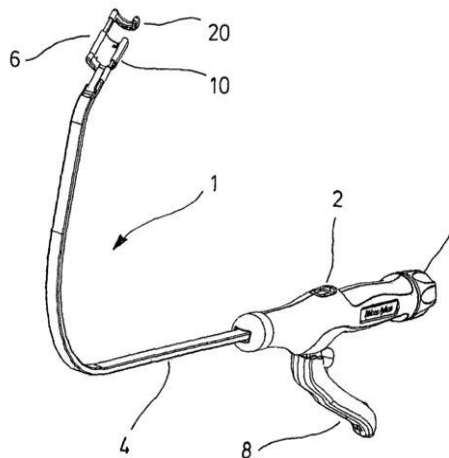
Address of the Applicant:
4545 CREEK ROAD, CINCINNATI OH USA

(72) Name of the Inventor:
3 BILOTTI FEDERICO
2. D'ACANGELO MICHELE
3. LOMGO ANTONIO
4. NEUROHR MARK

Filed U/S 5(2) before The Patents (Amendment) Act, 2005: NO

(57) Abstract:

In a surgical system, a stapling instrument (1) comprises a flexible shaft device (4), a handle (2), and a staple fastening assembly (6). The staple fastening assembly (6) includes a curved cartridge (10), which comprises at least one curved open row of staples, and, opposite to the cartridge (10), a curved anvil (20), which has a staple forming face and is adapted to cooperate with the cartridge (10) for forming the ends of the staples exiting from the cartridge (10). Preferably, the staple fastening assembly (6) is adapted to allow unobstructed access towards concave inner faces of the cartridge (10) and of the anvil (20). The anvil (20) can be moved relatively with respect to the cartridge (10), from a spaced position for positioning tissue therebetween to a closed position for clamping the tissue. The surgical system further includes a retractor adapted to draw tissue into the space between the cartridge (10) and the anvil (20), when the cartridge (10) and the anvil (20) are in the spaced position. In a preferred application, the surgical system is used in the treatment of gastroesophageal reflux disease (GERD).

**(FIG. - 1)**

(12) PATENT APPLICATION PUBLICATION**(19) INDIA****(22) Date of filing of Application: 04/01/2006****(21) Application No.: 00045/KOLNP/2006****A****(43) Publication Date: 22/06/2007****(54) Title of the invention: MOBILE TELECOMMUNICATIONS DEVICE WITH CIGARETTE LIGHTER**

(51) International classification : H04Q 1/08
(31) Priority Document No : 60/484,187
(32) Priority Date : 01/07/2003
(33) Name of priority country : US
(86) International Application No and Filing Date : PCT/US04/021380 01/07/2004
(87) International Publication No : WO 05/004340 A1
(61) Patent of addition to Application No : NIL
Filed on : N.A.
(62) Divisional to Application No : NIL
Filed on : N.A.

(71) Name of Applicant:
BRUDOS JEFF

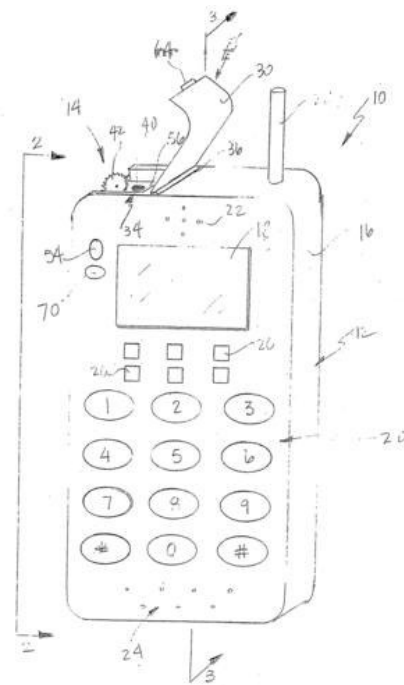
Address of the Applicant:
125 EAST MAIN STREET, 301 AMERICAN
FORK UT 84003 USA

(72) Name of the Inventor:
1.BRUDOS JEFF

Filed U/S 5(2) before The Patents (Amendment)
Act, 2005: NO

(57) Abstract:

A mobile communication device (10, figure 1) is provided with an integrally associated ignitor device (14) for enabling the use of the device to light flammable items, such as cigarettes. The combined communications device (12) and ignitor device (14) facilitate the ready availability of an ignitor device (14) for lighting smokable items or for igniting emergency flammable items, such as flares or kindling.



(FIG. - 1)

(12) PATENT APPLICATION PUBLICATION**(19) INDIA****(21) Application No.: 00046/KOLNP/2006****A****(22) Date of filing of Application: 04/01/2006****(43) Publication Date: 22/06/2007**

(54) Title of the invention: RECORDING MEDIUM, METHOD OF CONFIGURING CONTROL INFORMATION THEREOF, RECORDING/REPRODUCING METHOD USING THE SAME, AND APPARATUS THEREOF

(51) International classification	: G11B 7/24, 7/26	(71) Name of Applicant:	LG ELECTRONICS, INC.,
(31) Priority Document No	: 10-2003-0046148 10-2003-0046420 10-2003-0063271	Address of the Applicant:	20, YOIDO-DONG, YONGDUNGPO-GU, SEOUL, 150-721 KOREA.
(32) Priority Date	: 08/07/2003 09/07/2003 09/09/2003	(72) Name of the Inventor:	1.KIM, JIN YONG 2.SUH, SANG WOON
(33) Name of priority country	: KOREA		
(86) International Application No and Filing Date	: PCT/KR04/001639 : & 02/07/2004		
(87) International Publication No	: WO 05/004137		
(61) Patent of addition to Application No Filed on	: NA : NA		
(62) Divisional to Application No Filed on	: NA : NA	Filed U/S 5(2) before The Patents (Amendment) Act, 2005:	NO

(57) Abstract:

The present invention provides a method of recording disc control information in a recordable optical disc including at least one recording layer, and more particularly, a method of recording information indicating a specific location of disc control information within the disc control information itself and a method of searching requested disc control information, thereby enabling to uniformly apply the standardized disc control information to efficiently cope with the record/playback of the optical disc and to efficiently search a plurality of disc informations. In recording disc control information within a management area of an optical disc including at least one or more recording layers, the present invention includes providing at least one or more disc control informations to the management area wherein the at least one or more disc control informations are separately provided per applicable recording layer and per applicable writing speed and wherein an information designating a location of 1st disc control information per the applicable writing speed is separated from an information designating a location of disc information of the applicable recording layer to be recorded within the disc control information.

(FIG:Nil).

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application: 04/01/2006

(21) Application No.: 00047/KOLNP/2006

A

(43) Publication Date: 22/06/2007

(54) Title of the invention: `RECORDING MEDIUM, METHOD OF CONFIGURING CONTROL INFORMATION THEREOF, RECORDING AND/OR REPRODUCING METHOD USING THE SAME AND APPARATUS THEREOF

(51) International classification : G11B 7/24
(31) Priority Document No : 10-2003-0045826
(32) Priority Date : 07/07/2003
(33) Name of priority country : KR
(86) International Application No and Filing Date : PCT/KR04/001655 : 05/07/2004
(87) International Publication No : WO 05/004139 A1
(61) Patent of addition to Application No : NIL
Filed on : N.A.
(62) Divisional to Application No : NIL
Filed on : N.A.

(71) Name of Applicant:
LG ELECTRONICS INC

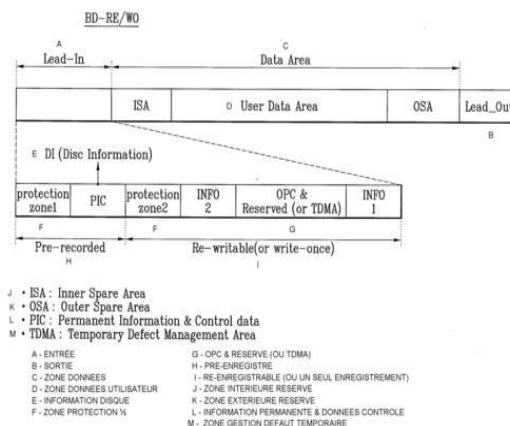
Address of the Applicant:
20 YOIDO-DONG YOUNGDUNGPO-GU SEOUL
150-721 REPUBLIC OF KOREA

(72) Name of the Inventor:
1. KIM JIN YONG
2. SUH SANG WOON

Filed U/S 5(2) before The Patents (Amendment)
Act, 2005: NO

(57) Abstract:

The present invention provides a method of configuring and recording control information on an optical disc, thereby enabling to facilitate to utilize the specified control information and to efficiently cope with the recording/reproducing of the optical discs. In configuring a control information within a disc management area of a read-only or recordable disc, the present invention includes configuring the control information with a common field recording an information commonly applied to both of the read-only and recordable discs and a specific field recording an information failing to be commonly applied to at least one disc type.



(FIG. - 1)

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application: 04/01/2006

(21) Application No.: 00048/KOLNP/2006

A

(43) Publication Date: 22/06/2007

(54) Title of the invention: LOW THERMAL INERTIA SCANNING ADIABATIC CALORIMETER INVENTOR

(51) International classification : G01K 17/00

(31) Priority Document No : 60/485,949

(32) Priority Date : 10/07/2003

(33) Name of priority country : US

(86) International Application No and Filing Date : PCT/US04/022451
12/07/2004

(87) International Publication No : WO 05/008203 A3

(61) Patent of addition to Application No : NIL

Filed on : N.A.

(62) Divisional to Application No : NIL

Filed on : N.A.

(71) Name of Applicant:

TIAX LLC

Address of the Applicant:

15 ACORN PARK CAMBRIDGE MA 02140
USA

(72) Name of the Inventor:

1.CHIPPETT SIMON

Filed U/S 5(2) before The Patents (Amendment)
Act, 2005: NO

(57) Abstract:

A new adiabatic scanning calorimeter allows the thermal mass of a high-pressure reaction vessel to be dynamically compensated during a test. This allows the effective cD factor for the experiment to be reduced to 1.0 without the use of complex pressure balancing equipment. Endothermic events can be quantified and sample specific heats can be measured. The time required for test completion is much shorter than for conventional adiabatic calorimeters, thus considerably improving apparatus productivity. The sensitivity to exotherm detection is at least as good as existing adiabatic calorimeters employing the Heat-Wait-Search strategy, but does depend on the temperature-scanning rate. In addition, the heat of reaction is obtained without reference to the heat capacity of the sample, pressure is measured continuously, reactants may be injected into the test vessel and the sample can be mixed during the test.

(43) **Publication Date: 22/06/2007**

21459

(12) PATENT APPLICATION PUBLICATION**(19) INDIA****(21) Application No.:** 00052/KOLNP/2006**A****(22) Date of filing of Application:** 05/01/2006**(43) Publication Date:** 22/06/2007

(54) Title of the invention: PRODUCTION LINE AND METHOD FOR THE PRODUCTION OF CAST PARTS, FROM A METALLIC MELT, IN PARTICULAR A LIGHT MOLTEN METAL, WHICH TAKES PLACE IN A CONTINUOUS CYCLE

(51) International classification : B22D 47/02
(31) Priority Document No : 103 60 694.7
(32) Priority Date : 19/12/2003
(33) Name of priority country : GERMANY
(86) International Application No and Filing Date : PCT/EP04/014388 & 17/12/2004
(87) International Publication No : WO 05/061156
(61) Patent of addition to Application No Filed on : NA
(62) Divisional to Application No Filed on : NA

(71) Name of Applicant:
HYDRO ALUMINIUM ALUCAST GMBH.,

Address of the Applicant:
INDUSTRIEPARK STAUSTUFE, 66763
DILLINGEN, GERMANY.

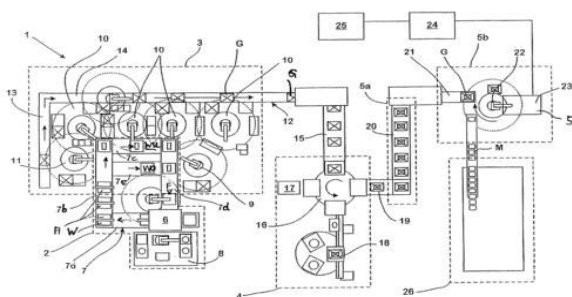
(72) Name of the Inventor:
SMETAN, HERBERT

Filed U/S 5(2) before The Patents (Amendment) Act, 2005: NO

(57) Abstract:

The invention relates to a production line for the production of cast parts (M) from a metallic melt, in particular a light molten metal, which takes place in a continuous cycle, comprising a plurality of functional units, including a core production unit (2) for the production of casting cores, a mould assembly unit (3) for assembling casting moulds (G) formed as core packages, a casting unit for filling the molten metal into the casting moulds (G), a cooling unit (5a) for cooling the molten metal respectively contained in the casting moulds (G), and a demoulding unit (5b) for destructive removal of the casting mould (G) from the cast part (M). A production line of this type allows economical and flexible production of cast parts, in particular motor units, with a high loading capacity and complex form according to the invention in that the functional units (2 to 5b) successively passed through in each case are directly connected to each other by a respective conveying device (12, 19) and in that the clock with which the production line (1) ejects finished cast parts (M) is determined by the clock with which the core production unit (2) supplies the casting cores produced by it.

(FIG).1



(12) PATENT APPLICATION PUBLICATION**(19) INDIA****(21) Application No.: 00057/KOLNP/2006****A****(22) Date of filing of Application: 05/01/2006****(43) Publication Date: 22/06/2007****(54) Title of the invention: PRODRUGS OF SELECTIVE ANDROGEN RECEPTOR MODULATORS AND METHODS OF USE THEREOF**

(51) International classification	:	C07C	(71) Name of Applicant:	
		233/05,A01N 55/04		GTX INC
(31) Priority Document No	:	60/529,573	Address of the Applicant:	
(32) Priority Date	:	16/12/2003		VAN VLEET BUILDING 3RD FLOOR 3 NORTH
(33) Name of priority country	:	US		DUNLAP MEMPHIS TN 38163 USA
(86) International Application No and	:	PCT/US04/042097	(72) Name of the Inventor:	
Filing Date	:	16/12/2004		1.MILLER DUANE D
(87) International Publication No	:	WO 05/060647 A3		2.STEINER MITCHELL S
(61) Patent of addition to Application No	:	NIL		3.VEVERKA KAREN A
Filed on	:	N.A.		
(62) Divisional to Application No	:	NIL		
Filed on	:	N.A.		
				Filed U/S 5(2) before The Patents (Amendment)
				Act, 2005: NO

(57) Abstract:

The present invention provides prodrugs of selective androgen receptor modulators (SARMs), and their use in treating or reducing the incidence of osteoporosis, a variety of hormone-related conditions, conditions associated with Androgen Decline in Aging Male (ADAM); conditions associated with Androgen Decline in Female (ADIF), and muscular wasting conditions, obesity, dry eye conditions, and prostate cancer. The prodrugs are also useful in oral and androgen replacement therapy and male contraception.

(FIG. -)

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application: 06/01/2006

(21) Application No.: 00063/KOLNP/2006

A

(43) Publication Date: 22/06/2007

(54) Title of the invention: `CONJUGATED COMPLEMENT CASCADE INHIBITORS

(51) International classification : A61K 47/48
(31) Priority Document No : 60/484,854
(32) Priority Date : 03/07/2003
(33) Name of priority country : US
(86) International Application No and Filing Date : PCT/US04/019457
: 18/06/2004
(87) International Publication No : WO 05/002627 A2
(61) Patent of addition to Application No : NIL
Filed on : N.A.
(62) Divisional to Application No : NIL
Filed on : N.A.

(71) Name of Applicant:
ORTHO MCNEIL PHARMACEUTICALS INC

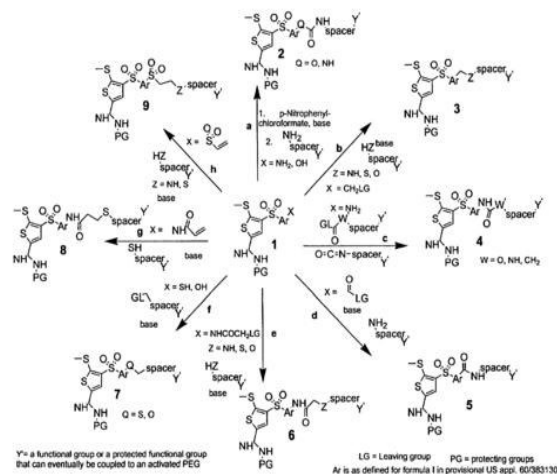
Address of the Applicant:
U.S. ROUTE 202 P.O. BOX 300 RARITAN NJ
08869-0602 USA

(72) Name of the Inventor:
3. NALIN SUBASUNGHE
4. EHAB KHALI
5. FARAH ALI
6. HEATHER RAE HUFNAGEL
7. SHELLY K BALLENTINE JERMEY M
TRAVINS
8. KRISTI A LEONARD
9. ROGER F BONE

Filed U/S 5(2) before The Patents (Amendment)
Act, 2005: NO

(57) Abstract:

The present invention is directed to conjugated complement cascade inhibitors, and a method of treating a patient using a conjugated complement cascade inhibitor.



(FIG. - 1)

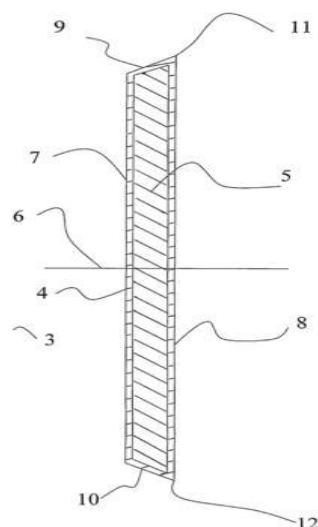
(12)	PATENT APPLICATION PUBLICATION			
(19)	INDIA	(21)	Application No.: 00066/KOLNP/2006	A
(22)	Date of filing of Application: 06/01/2006	(43)	Publication Date: 22/06/2007	

(54) **Title of the invention:** : **NEW METAL STRIP PRODUCT**

(51)	International classification	: C23C 14/06, 14/56	(71)	Name of Applicant: SANDVIK INTELLECTUAL PROPERTY AB
(31)	Priority Document No	: 0302207-6		Address of the Applicant: S-811 81 SANDVIKEN, SWEDEN
(32)	Priority Date	: 12/08/2003		
(33)	Name of priority country	: SWEDEN		
(86)	International Application No and Filing Date:	: PCT/SE2004/00117 2 09/08/2004	(72)	Name of the Inventor: 1. HULTIN STIGENBERG, ANNA 2. SCHUISKY, MIKAEL
(87)	International Publication No	: WO 2005/014877 A1		
(61)	Patent of addition to Application No	: NIL		Filed U/S 5(2) before The Patents (Amendment) Ordinance, 2004: NO
	Filed on	: NIL		
(62)	Divisional to Application No	: NIL		
	Filed on	: NIL		

(57) Abstract:

The present invention relates to a coated steel strip product with a dense and hard abrasion resistant coating on one side or both sides of said strip. The thickness of said coating is in total maximally 25 µm, the hardness of said coating is at least 600 HV and the tensile strength of the steel strip substrate is at least 1200 MPa. The coating is preferably applied by electron beam evaporation and the coating may be, e.g., of Al₂O₃. The coated metal strip is suitable for shaving equipment, medical instruments, utility and industrial knives as well as saw applications.



(FIG.2)

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application: 09/01/2006

(21) Application No.: 00070/KOLNP/2006

A

(43) Publication Date: 22/06/2007

(54) Title of the invention: GAMING APPARATUS AND SYSTEMS

(51) International classification : A63F 5/04
(31) Priority Document No : 2003903189
(32) Priority Date : 23/06/2003
(33) Name of priority country : AU
(86) International Application No and Filing Date : PCT/AU04/000835 : 23/06/2004
(87) International Publication No : WO 05/112925 A1
(61) Patent of addition to Application No : NIL
Filed on : N.A.
(62) Divisional to Application No : NIL
Filed on : N.A.

(71) Name of Applicant:
DYNAMITE GAMES PTY LTD

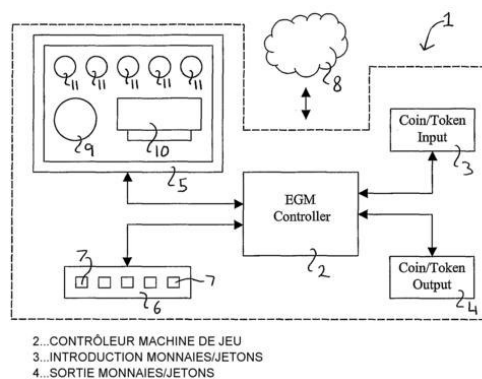
Address of the Applicant:
LEVEL 2, 1-3 TAYLOR STREET,
DARLINGHURST NEW SOUTH WALES 2010
AUSTRALIA

(72) Name of the Inventor:
1.ELLIS BENJAMIN JAMES

Filed U/S 5(2) before The Patents (Amendment)
Act, 2005: NO

(57) Abstract:

Gaming apparatus, e.g. an Electronic Gaming Machine (EGM) (1). Includes a controller (2) for implementing a roulette game. The controller (2) includes a display (5) on which is displayed a roulette wheel (9) and betting board (10), as well as a set of further roulette wheels (11) that can be bet on and played at the same time as betting on and playing the main wheel (9). The apparatus may also allow multi-wheel betting using a plurality of physical roulette wheels and an electronic terminal.



(FIG. - 1)

(12) PATENT APPLICATION PUBLICATION**(19) INDIA****(22) Date of filing of Application: 09/01/2006****(21) Application No.: 00077/KOLNP/2006****A****(43) Publication Date: 22/06/2007****(54) Title of the invention: APPARATUS AND METHOD FOR BIOELECTRIC STIMULATION HEALING
ACCELERATION PAIN RELIEF OR PATHOGEN DEVITALIZATION**

(51) International classification	: A61N	(71) Name of Applicant:	HEALTHONICS INC
(31) Priority Document No	: 60/480,890	Address of the Applicant:	3106 VININGS RIDGE DRIVE ATLANTA GA
(32) Priority Date	: 24/06/2003		30339 USA
(33) Name of priority country	: US	(72) Name of the Inventor:	1.KRONBERG JAMES W
(86) International Application No and	: PCT/US04/020207		
Filing Date	: 24/06/2004		
(87) International Publication No	: WO 05/002663		
(61) Patent of addition to Application No	: NIL		
Filed on	: N.A.		
(62) Divisional to Application No	: NIL		
Filed on	: N.A.		
		Filed U/S 5(2) before The Patents (Amendment)	
		Act, 2005: NO	

(57) Abstract:

An method and method for generating an electrical signal for use in biomedical applications, including two timing-interval generators, each optionally driving a multistep sequencer; analog, digital or hybrid means for combining the resulting timed signals into a complex electrical signal; optional filtering means for blocking direct current, removing selected frequency components from the resulting signal, and/or providing voltage step-up if needed; and conductive means for coupling the resulting signal to a human or animal body, food, beverage or other liquid, cell or tissue culture, or pharmaceutical material, in order to relieve pain, stimulate healing or growth, enhance the production of specific biochemicals, or devitalize selected types of organisms.

(FIG. -)

(12) PATENT APPLICATION PUBLICATION**(19) INDIA****(21) Application No.: 00078/KOLNP/2006****A****(22) Date of filing of Application: 09/01/2006****(43) Publication Date: 22/06/2007**

(54) Title of the invention: SUSTAINED RELEASE DOSAGE FORMS OF ANESTHETICS FOR PAIN MANAGEMENT

(51) International classification	: A61K 9/00
(31) Priority Document No	: 10/606,969
(32) Priority Date	: 25/06/2003
(33) Name of priority country	: USA
(86) International Application No and Filing Date	: PCT/US03/034763 : & 31/10/2003
(87) International Publication No	: WO 05/009408
(61) Patent of addition to Application No Filed on	: NA : NA
(62) Divisional to Application No Filed on	: NA : NA

(71) Name of Applicant:
ALZA CORPORATION.,**Address of the Applicant:**

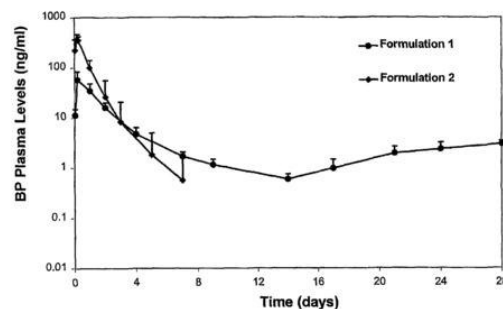
1900 CHARLESTON ROAD M10-3, (P.O.BOX 7210), MOUNTAIN VIEW, CA 94039-7210, USA.

(72) Name of the Inventor:CHEN, GUOHUA
PRIEBE, DAVID T.
BANNISTER, ROY
HOUSTON, PAUL
KLEINER, LOTHAR**Filed U/S 5(2) before The Patents (Amendment) Act, 2005: NO**

(57) Abstract:

Drug delivery systems and kits are provided that release an anesthetic, such as bupivacaine, over a short duration. Methods of administering and preparing such systems are also provided. Drug delivery systems include a short duration gel vehicle and an anesthetic dissolved or dispersed in the gel vehicle. The gel vehicle comprises a low molecular weight bioerodible, biocompatible polymer and a water-immiscible solvent in an amount effective to plasticize the polymer and form a gel with the polymer. In some instances, a component solvent is used along with the water-immiscible solvent. An efficacy ratio, which is one way to measure the efficacy of a delivery system, can be controlled based on, for example, the construction of the gel vehicle to achieve a desired release profile.

(FIG).1



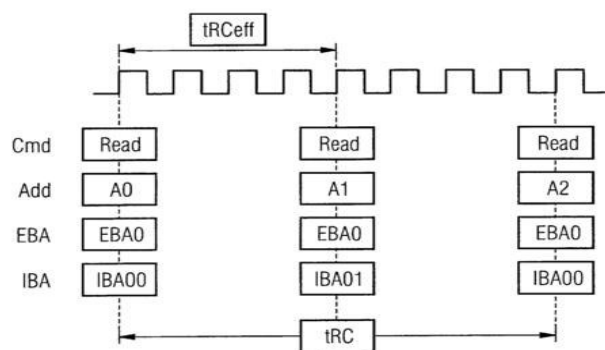
(12) PATENT APPLICATION PUBLICATION			
(19) INDIA		(21) Application No.: 00085/KOLNP/2006	A
(22) Date of filing of Application: 10/11/2006		(43) Publication Date: 22/06/2007	
(54) Title of the invention:	: SEMICONDUCTOR MEMORY HAVING A SHORT EFFECTIVE WORD LINE CYCLE TIME AND METHOD FOR READING DATA FROM A SEMICONDUCTOR MEMORY OF THIS TYPE		
(51) International classification	: G11C 7/10, 7/22, 11/4076, 11/408	(71) Name of Applicant: INFINEON TECHNOLOGIES AG	
(31) Priority Document No	: 103 32 314.7	Address of the Applicant:	
(32) Priority Date	: 16/07/2003	ST.-MARTIN-STRASSE 53 81669	
(33) Name of priority country	: GERMANY	MUNCHEN GERMANY	
(86) International Application No and Filing Date:	: PCT/EP04/007686 12/07/2004	(72) Name of the Inventor:	
(87) International Publication No	: WO 2005/008674 A3	JEA-MARC DORTU	
(61) Patent of addition to Application No	: NIL	WOLFGANG SPIERKL	
Filed on	: NIL	Filed U/S 5(2) before The Patents (Amendment) Ordinance, 2004: NO	
(62) Divisional to Application No	: NIL		
Filed on	: NIL		

(57) Abstract:

The invention relates to a method for reading data from a semiconductor memory, said method comprising the following steps in this order:

- at least one first memory bank and at least one shadow memory bank which are each designed to store a multiplicity of binary data items are provided, the same data as in the first memory bank being stored in the shadow memory bank;
- a command for reading data which are to be read from the first memory bank is received;
- a state checking device of the semiconductor memory is used to check whether the first memory bank is in an open memory bank state, and,
- if the first memory bank is in the open memory bank state, the data which are to be read are read from the at least one shadow memory bank, and,
- if the first memory bank is not in the open memory bank state, the data which are to be read are read from the first memory bank,

the open memory state being such a memory state of the memory bank which does not allow the data which are to be read to be read without previously closing an open word line of the memory bank. The invention also relates to a corresponding semiconductor memory.



(FIG.1)

(12) PATENT APPLICATION PUBLICATION			(21) Application No.: 00090/KOLNP/2006	A
(19) INDIA			(43) Publication Date: 22/06/2007	
(22) Date of filing of Application: 10/01/2006				
(54) Title of the invention: MELDONIUM SALTS METHOD OF THEIR PREPARATION AND PHARMACEUTICAL COMPOSITION OF THEIR BASIS				
(51) International classification	:	C07C 243/12, 53/00, A61K 31/205	(71) Name of Applicant:	JOINT STOCK COMPANY GRINDEKS.,
(31) Priority Document No	:	P-03-88 P-03-87	Address of the Applicant:	KRUSTPILS STREET 53, LV-1057, RIGA, LATVIA.
(32) Priority Date	:	04/08/2003 04/08/2003		
(33) Name of priority country	:	LATVIA		
(86) International Application No and Filing Date	:	PCT/LV04/000005 & 15/07/2004	(72) Name of the Inventor:	KALVINSH, IVARS BIRMANS, ANATOLIJS
(87) International Publication No	:	WO 05/012233		
(61) Patent of addition to Application No Filed on	:	NA NA		
(62) Divisional to Application No Filed on	:	NA NA	Filed U/S 5(2) before The Patents (Amendment) Act, 2005:	NO

(57) Abstract:

New salts of Meldonium, the method of their preparation, and pharmaceutical formulation on their basis have been described. The general formula of these salts is $X-(CH_3)_3N+NHCH_2CH_2COOH$ where X- is an acid anion selected from the group of pharmaceutically acceptable acids. Practically non-hygroscopic and/or increased thermal stability and/or lasting action Meldonium hydrogen salts of fumaric acid, phosphoric acid, oxalic acid, maleic acid, and pamoic acid as well as Meldonium orotate and galactarate are especially suitable. Novel pharmaceutical formulations containing non-hygroscopic and/or increased thermal stability and/or lasting action 3-(2,2,2-trimethylhydrazinium) propionate salts for oral, parenteral, rectal and transdermal introduction are concurrently described.

(FIG. nil)

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application: 12/01/2006

(21) Application No.: 00096/KOLNP/2006

A

(43) Publication Date: 22/06/2007

(54) Title of the invention: (2S,4S)-4-FLUORO-1-[4-FLUORO-BETA-(4-FLUOROPHENYL)-L-PHENYLALANYL]2-PYRROLIDINECARBONITRILE P-TOLUENESULFONIC ACID SALT AND ANHYDROUS CRYSTALLINE FORMS THEREOF

(51) International classification : C07D
207/16,A61K
31/401,A61P 43/00
(31) Priority Document No : 60/488,902
(32) Priority Date : 21/07/2003
(33) Name of priority country : US
(86) International Application No and Filing Date : PCT/US04/023263
19/07/2004
(87) International Publication No : WO 05/009956 A1
(61) Patent of addition to Application No : NIL
Filed on : N.A.
(62) Divisional to Application No : NIL
Filed on : N.A.

(71) Name of Applicant:
SMITHKLINE BEECHAM CORPORATION
Address of the Applicant:
ONE FRANKLIN PLAZA PHILADELPHIA PA
19101 USA

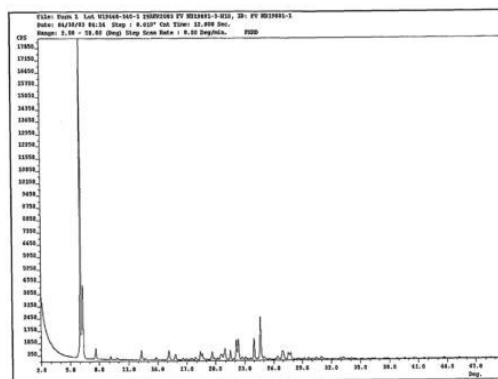
(72) Name of the Inventor:
5. IGO DAVID H
6. JOHNSON PAUL R
7. PATTERSON DANIEL E
8. RANDHAWA AMARJIT SAB

Filed U/S 5(2) before The Patents (Amendment)
Act, 2005: NO

(57) Abstract:

The present invention includes anhydrous crystalline forms of (2S,4S)-4-fluoro-1-[4-fluoro-beta;-(4-fluorophenyl)-L-phenylalanyl]-2-pyrrolidinecarbonitrile *p*-toluenesulfonic acid salt.

AA Powder X-ray diffraction pattern of anhydrous form 1 tosylate salt



AA STRUCTURE DE DIFFRACTION AUX RAYONS X À L'ÉTAT
PULVÉRENT DE LA FORME 1DU TOSYLATE ANHYDRE

(FIG. - 1)

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application: 12/01/2006

(21) Application No.: 00097/KOLNP/2006

A

(43) Publication Date: 22/06/2007

(54) Title of the invention: APPARATUS AND METHOD FOR PRIMARY LINK PACKET CONTROL

(51) International classification : H04Q
(31) Priority Document No : 10/644,297
(32) Priority Date : 20/08/2003
(33) Name of priority country : US
(86) International Application No and Filing Date : PCT/US04/024906 : 30/07/2003
(87) International Publication No : WO 04/020594 A2
(61) Patent of addition to Application No : NIL
Filed on : N.A.
(62) Divisional to Application No : NIL
Filed on : N.A.

(71) Name of Applicant:
MOTOROLA INC

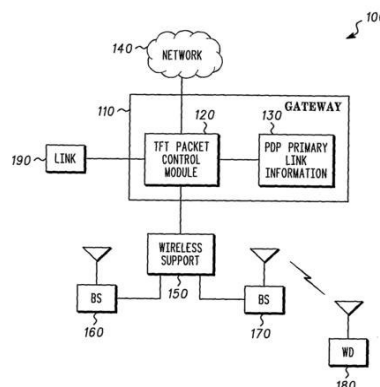
Address of the Applicant:
1303 EAST ALGONQUIN ROAD,
SCHAUMBURG ILLINOIS 60196 USA

(72) Name of the Inventor:
1.AERRABOTU NAVEEN
2.PECEN MARK E
3.VENTEICHER CHRIS J

Filed U/S 5(2) before The Patents (Amendment)
Act, 2005: NO

(57) Abstract:

An apparatus (100) and method (300, 400) for primary link packet control using a traffic flow template. Primary link traffic flow template filter parameters can be set at a packet control module (120). Incoming packet data can be compared against the primary link traffic flow template filter parameters (340). How the incoming packet data is sent to a wireless device (180) over the primary link can be controlled based on comparing incoming packet data against the primary link traffic flow template filter parameters.



(FIG. - 1)

(12) PATENT APPLICATION PUBLICATION**(19) INDIA****(21) Application No.:** 00104/KOLNP/2006**A****(22) Date of filing of Application:** 12/01/2006**(43) Publication Date:** 22/06/2007

(54) Title of the invention: METHOD AND APPARATUS FOR CONTROLLING METAL SEPARATION

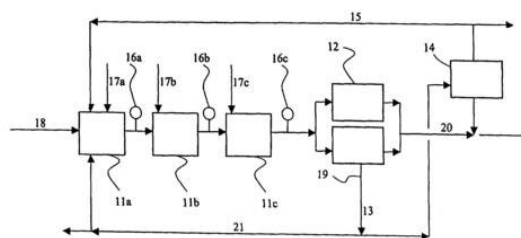
(51) International classification	: C22B 3/20 // 19:00
(31) Priority Document No	: 20031119
(32) Priority Date	: 31/07/2003
(33) Name of priority country	: FINLAND
(86) International Application No and Filing Date	: PCT/FI04/000455 : & 15/07/2004
(87) International Publication No	: WO 05/010221
(61) Patent of addition to Application No Filed on	: NA : NA
(62) Divisional to Application No Filed on	: NA : NA

(71) Name of Applicant:
OUTOKUMPU TECHNOLOGY OY.,**Address of the Applicant:**RIIHITONTUNTIE 7, FI-02200 ESPOO,
FINLAND.**(72) Name of the Inventor:**JARVINEN AIMO
JUDIN KAI
NATUNEN HARRI
OINONEN YRJO
TALONEN PANU**Filed U/S 5(2) before The Patents (Amendment)
Act, 2005: NO**

(57) Abstract:

The invention relates to a method and apparatus for controlling a continuous metal removal in conjunction with a zinc preparation process, in which the metal removal is performed in one or more reactors (11a-c), in conjunction with the reactor, the redox potential (16a-c) and the acidity and/or basicity are measured, and based on the measurement results, the process variables (17a-c) of the metal removal are adjusted towards the desired direction. According to the invention, the redox potential measurements (16a-c) are performed from the sludge produced in the reactor in conjunction with the outlet pipe of the reactor outside the reactor, and the measuring instrument (16a-c) is purified at predetermined intervals.

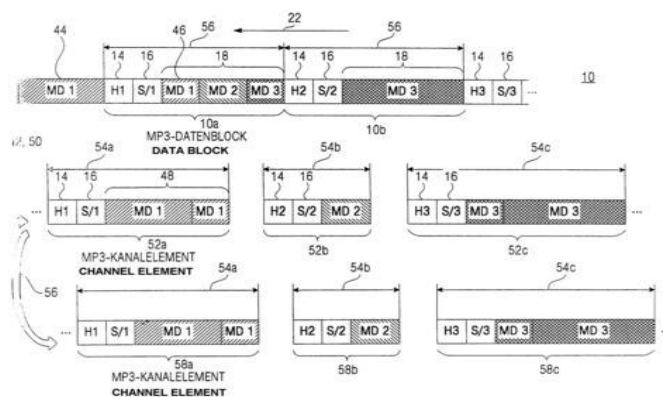
(FIG). 2



(12)	PATENT APPLICATION PUBLICATION			
(19)	INDIA	(21)	Application No.: 00111/KOLNP/2006	A
(22)	Date of filing of Application: 12/01/2006	(43)	Publication Date: 22/06/2007	
(54)	Title of the invention: : AUDIO FILE FORMAT CONVERSION			
(51)	International classification	: H03M	(71) Name of Applicant: FRAUNHOFER-GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V. Address of the Applicant: HANSASTRASSE 27 c 80686 MUNICH GERMANY (72) Name of the Inventor: I. GEYERSBERGER, STEFAN II. GERNHARDT, HARALD III. GRILL, BERNHARD IV. HAERTL, MICHAEL V. HILPERT, JOHANN VI. LUTZKY, MANFRED VII. WEISHART, MARTIN VIII. POPP, HARALD Filed U/S 5(2) before The Patents (Amendment) Ordinance, 2004: NO	
(31)	Priority Document No	: 103 33071.2 103 39 498.2		
(32)	Priority Date	: 21/07/2003, 27/08/2003		
(33)	Name of priority country	: GERMANY		
(86)	International Application No and Filing Date:	: PCT/EP2004/00774 4 13/07/2004		
(87)	International Publication No	: WO 2005/013491 A2		
(61)	Patent of addition to Application No	: NIL		
	Filed on	: NIL		
(62)	Divisional to Application No	: NIL		
	Filed on	: NIL		

(57) Abstract:

The manipulation of audio data can be simplified, such as, for example, with regard to the combination of individual audio data streams to multi-channel audio data streams or the general manipulation of an audio data stream, by modifying (56) a data block in an audio data stream (10) divided into data blocks (10a, 10b) with determination block (14, 16) and data block audio data (18), such as by completing or adding or replacing part of the same, so that the same includes a length indicator indicating an amount or length of data, respectively, of the data block audio data or an amount or length of data, respectively, of the data block to obtain a second audio data stream with (10) with pointers in determination blocks (14, 10), which point to determination block audio data associated to this determination blocks, but distributed among different data blocks, is converted into an audio data stream, wherein the determination block audio data (44, 46) are combined to contiguous determination block audio data (48). The contiguous determination block audio data (48) can then be included in a self-contained channel element (52a) together with their determination block (14, 16).



(FIG.4)

(12) PATENT APPLICATION PUBLICATION**(19) INDIA****(22) Date of filing of Application: 13/01/2006****(21) Application No.: 00114/KOLNP/2006****A****(43) Publication Date: 22/06/2007****(54) Title of the invention: REFINER**

(51) International classification : B02C 7/12
(31) Priority Document No : 20030917
(32) Priority Date : 18/06/2003
(33) Name of priority country : FI
(86) International Application No and Filing Date : PCT/FI04/000360 : 10/06/2004
(87) International Publication No : WO 04/110628 A1
(61) Patent of addition to Application No : NIL
Filed on : N.A.
(62) Divisional to Application No : NIL
Filed on : N.A.

(71) Name of Applicant:
METSO PAPER INC

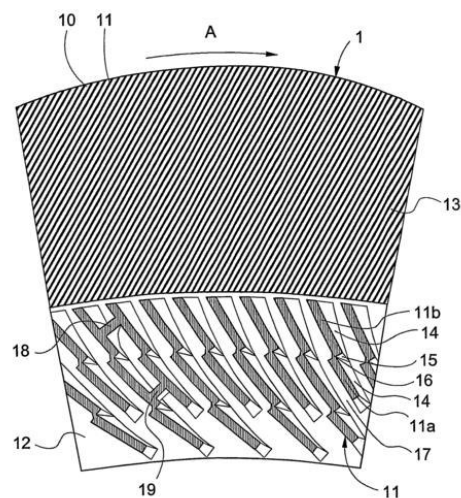
Address of the Applicant:
FABIANINKATU 9 A, FI-00130 HELSENKI
FINLAND

(72) Name of the Inventor:
1.VUORIO PETTERI
2.KAARINEVA MATTI

Filed U/S 5(2) before The Patents (Amendment)
Act, 2005: NO

(57) Abstract:

A refining surface for a refiner intended for defibrating lignocellulose-containing material, the refiner comprising at least two refining surfaces (1, 2) arranged coaxially relative to each other, at least one of which rotates around a shaft, and between which the material to be defibrated is fed. The refining surfaces (1, 2) comprise grooves and between them ridges (11), at least part of the refining surface (1, 2) ridges (11) being formed of at least two different ridge parts (11a, 11b) connected to each other in such a way that one ridge part (11a, 11b) is farther ahead in the rotation direction of the refining surface (1, 2) than the other ridge part (11a, 11b). Further, at least in some ridge parts (11a, 11b), the front wall (14) in the rotation direction (A) of the refining surface (1, 2) is over at least part of its length substantially inclined.



(FIG. - 4)

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application: 13/01/2006

(21) Application No.: 00115/KOLNP/2006

A

(43) Publication Date: 22/06/2007

(54) Title of the invention: N-PHENYL-PIPERAZINE DERIVATIVES AND METHODS OF PROPHYLAXIS OR TREATMENT OF 5HT_{2c} RECEPTOR ASSOCIATED DISEASES

(51) International classification : C07D 295/06
(31) Priority Document No : 60/480,045
(32) Priority Date : 20/06/2003
(33) Name of priority country : US
(86) International Application No and Filing Date : PCT/US04/019540
: 17/06/2004
(87) International Publication No : WO 05/016902
(61) Patent of addition to Application No : NIL
Filed on : N.A.
(62) Divisional to Application No : NIL
Filed on : N.A.

(71) Name of Applicant:
ARENA PHARMACEUTICALS INC

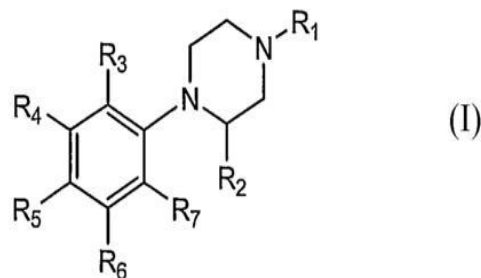
Address of the Applicant:
6166 NANCY RIDGE DRIVE SAN DIEGO CA
92121-3223 USA

(72) Name of the Inventor:
1.SMITH BRIAN
2.TSAI JAMES
3.CHEN RITA

Filed U/S 5(2) before The Patents (Amendment)
Act, 2005: NO

(57) Abstract:

The present invention relates to certain substituted N-phenyl-piperazine derivatives of Formula: (I) that are modulators of the 5HT_{2c} receptor. Accordingly, compounds of the present invention are useful for the prophylaxis or treatment of 5HT_{2c} receptor associated diseases or disorders, such as, obesity, Alzheimer Disease, erectile dysfunction and related disorders.



(FIG. - 1)

(12) PATENT APPLICATION PUBLICATION**(19) INDIA****(22) Date of filing of Application: 13/01/2006****(21) Application No.: 00117/KOLNP/2006****A****(43) Publication Date: 22/06/2007****(54) Title of the invention: BENZAZEPINE DERIVATIVES USEFUL FOR THE TREATMENT OF 5HT2C RECEPTOR ASSOCIATED DISEASES**

(51) International classification	: C07D 223/16	(71) Name of Applicant:	ARENA PHARMACEUTICALS INC
(31) Priority Document No	: 60/479,280	Address of the Applicant:	6166 NANCY RIDGE DRIVE SAN DIEGO CA
(32) Priority Date	: 17/06/2003		92121-3223 USA
(33) Name of priority country	: US	(72) Name of the Inventor:	
(86) International Application No and Filing Date	: PCT/US04/019670 16/06/2004	9. SMITH BRIAN	
(87) International Publication No	: WO 05/003096	10. GILSON CHARLES III	
(61) Patent of addition to Application No Filed on	: NIL N.A.	11. SCHULTZ JEFFREY	
(62) Divisional to Application No Filed on	: NIL N.A.		
		Filed U/S 5(2) before The Patents (Amendment) Act, 2005: NO	

(57) Abstract:

The present invention relates to certain 1-substituted-2,3,4,5-tetrahydro-3-benzazepine derivatives of Formula (I), that are modulators of the 5HT2C receptor. Accordingly, compounds of the present invention are useful for the prophylaxis or treatment of 5HT2C receptor associated diseases, conditions or disorders, such as, obesity and related disorders.

(FIG. - Nil)

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application: 13/01/2006

(21) Application No.: 00124/KOLNP/2006

A

(43) Publication Date: 22/06/2007

(54) Title of the invention: FUSION APPARATUS AND METHODS

(51) International classification : G21B
(31) Priority Document No : 60/478,699
(32) Priority Date : 13/06/2003
(33) Name of priority country : US
(86) International Application No and Filing Date : PCT/US04/18553
(87) International Publication No : WO 05/001845
(61) Patent of addition to Application No : NIL
Filed on : N.A.
(62) Divisional to Application No : NIL
Filed on : N.A.

(71) Name of Applicant:
LOWELL ROSEN & ROBERT GAZDZINSKI

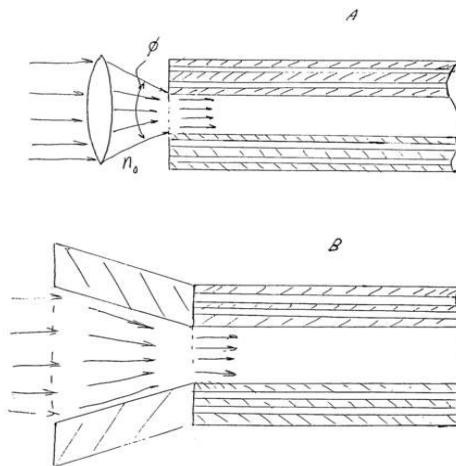
Address of the Applicant:
PASEO DEL OCASO LA JOLLA CA 92037
USA & 11027 ELDERWOOD LANE SAN
DIEGO CA 92132 USA

(72) Name of the Inventor:
1.LOWELL ROSEN
2.ROBERT GAZDZINSKI

Filed U/S 5(2) before The Patents (Amendment)
Act, 2005: NO

(57) Abstract:

Improved apparatus adapted to utilize available fuels and components to produce practical nuclear fusion in a comparatively confined space. In an exemplary embodiment, one or more glass fibers are used as a containment medium for the nuclear fuel (e.g., Deuterium or Lithium). The fibers are also optionally tapered and porous in order to permit introduction of gaseous fuel along a portion of their length. A high-intensity energy source (e.g., pulsed femto-second laser) is used to excite and contain the fuel to fusion temperature through, *inter alia*, pondermotive forces generated within the fiber(s). The effluent from the device can be used for any number of purposes, such as to drive a magneto-hydrodynamic generator in order to generate electricity.



(FIG. - 3)

(12) PATENT APPLICATION PUBLICATION**(19) INDIA****(21) Application No.:** 00131/KOLNP/2006**A****(22) Date of filing of Application:** 16/01/2006**(43) Publication Date:** 22/06/2007

(54) Title of the invention: METHOD OF MANUFACTURING INFORMATION RECORDING MEDIUM AND INFORMATION RECORDING MEDIUM

(51) International classification : G11B 7/26
(31) Priority Document No : 2003-199242
(32) Priority Date : 18/07/2003
(33) Name of priority country : JAPAN
(86) International Application No and Filing Date : PCT/JP04/010375 & 14/07/2004
(87) International Publication No : WO 05/008651
(61) Patent of addition to Application No Filed on : NA
(62) Divisional to Application No Filed on : NA

(71) Name of Applicant:
IDEMITSU TECHNOFINE CO., LTD.,

Address of the Applicant:
6-1, YOKOAMI 1-CHOME, SUMIDA-KU,
TOKYO 130-0015, JAPAN.

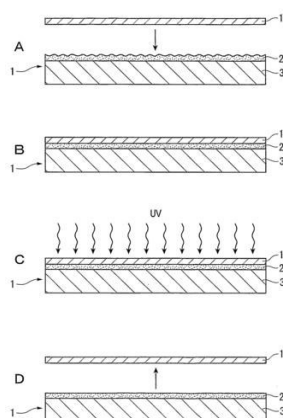
(72) Name of the Inventor:
FUKATSU FUMIOKI
MIKAMI SATOSHI

Filed U/S 5(2) before The Patents (Amendment) Act, 2005: NO

(57) Abstract:

There are provided a method of manufacturing an information recording medium 1 having a water-based ink absorbing layer 2 on a surface of a base material 3, and the information recording medium 1 obtained by the manufacturing method.

The method includes: (1) coating the surface of the base material with a water-based ink absorbent containing a water-absorptive filler to form a coated layer 2a; (2) covering a surface of the coated layer 2a with a cover material 10; (3) irradiating the coated layer 2a with active energy beam to cure the coated layer 2a; and (4) removing the cover material 10 from the coated layer 2a.



(FIG2).

(12) PATENT APPLICATION PUBLICATION**(19) INDIA****(22) Date of filing of Application: 16/01/2006****(21) Application No.: 00134/KOLNP/2006****A****(43) Publication Date: 22/06/2007**

(54) Title of the invention: `IMPROVED ELECTROPHYSIOLOGICAL ASSAYS USING OOCYTES THAT EXPRESS HUMAN ENaC AND THE USE OF PHENAMIL TO IMPROVE THE EFFECT OF ENaC ENHANCERS IN ASSAYS USING MEMBRANE POTENTIAL REPORTING DYES

(51) International classification : C12Q
(31) Priority Document No : 60/485,745
(32) Priority Date : 10/07/2003
(33) Name of priority country : US
(86) International Application No and Filing Date : PCT/US04/021853 : 09/07/2004
(87) International Publication No : WO 05/014848 A2
(61) Patent of addition to Application No : NIL
Filed on : N.A.
(62) Divisional to Application No : NIL
Filed on : N.A.

(71) Name of Applicant:
SENOYX INC

Address of the Applicant:

11099 N TORREY PINES ROAD, SUITE 160 LA
JOLLA CA 92037 USA

(72) Name of the Inventor:
10. SERVANT GUY
11. CHANG HONG
12. REDCROW CYRIL
13. RAY SUMITA
14. CLARK IMRAN

**Filed U/S 5(2) before The Patents (Amendment)
Act, 2005: NO**

(57) Abstract:

In one aspect, the present invention relates to a mammalian cell-based high-throughput assay for the profiling and screening of human epithelial sodium channel (hENaC) cloned from a human kidney c-DNA library and is also expressed in other tissues including human taste tissue. The present invention further relates to amphibian oocyte-based medium-throughput electrophysiological assays for identifying human ENaC modulators, preferably ENaC enhancers. Compounds that modulate ENaC function in a cell-based ENaC assay are expected to affect salty taste in humans. The assays described herein have advantages over existing cellular expression systems. In the case of mammalian cells, such assays can be run in standard 96 or 384 well culture plates in high-throughput mode with enhanced assay results being achieved by the use of a compound that inhibits ENaC function, preferably an amiloride derivative such as Phenamil. In the case of the inventive oocyte electrophysiological assays (two-electrode voltage-clamp technique), these assays facilitate the identification of compounds which specifically modulate human ENaC. The assays of the invention provide a robust screen useful to detect compounds that facilitate (enhance) or inhibit hENaC function. Compounds that enhance or block human ENaC channel activity should thereby modulate salty taste in humans.

(FIG. -Nil)

(12) PATENT APPLICATION PUBLICATION**(19) INDIA****(21) Application No.: 00135/KOLNP/2006****A****(22) Date of filing of Application: 16/01/2006****(43) Publication Date: 22/06/2007****(54) Title of the invention: PROCESS FOR THE PREPARATION OF CPLA₂ INHIBITORS**

(51) International classification : C07C 303/40,
311/13, C07D
209/14, 209/22
(31) Priority Document No : 60/490,005
(32) Priority Date : 25/07/2003
(33) Name of priority country : USA
(86) International Application No and Filing Date : PCT/US04/023247
& 19/07/2004
(87) International Publication No : WO 05/012238
(61) Patent of addition to Application No Filed on : NA
(62) Divisional to Application No Filed on : NA

(71) Name of Applicant:
WYETH.,

Address of the Applicant:

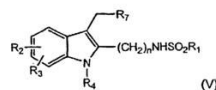
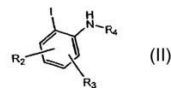
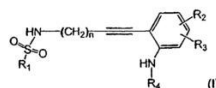
FIVE GIRALDA FARMS, MADISON, NJ 07940,
USA.

(72) Name of the Inventor:
WU, YANZHONG
RAVEENDRANATH, PANOLIL

**Filed U/S 5(2) before The Patents (Amendment)
Act, 2005: NO**

(57) Abstract:

A process for making a compound of formula (I) in which process the compound $\text{HC}\equiv\text{C}-(\text{CH}_2)_n-\text{NH}_2$ is reacted with the compound $\text{R}_1-\text{SO}_2\text{Cl}$ to produce an intermediate compound, which intermediate compound is then reacted with the compound of formula (II) to produce the compound of formula (I). The terms R_1 , R_2 , R_3 , R_4 and n have the definitions set forth in the claims. The compounds of formula (I) are useful in the preparation of indole derivatives of formula (V) which are cPLA₂ inhibitors.



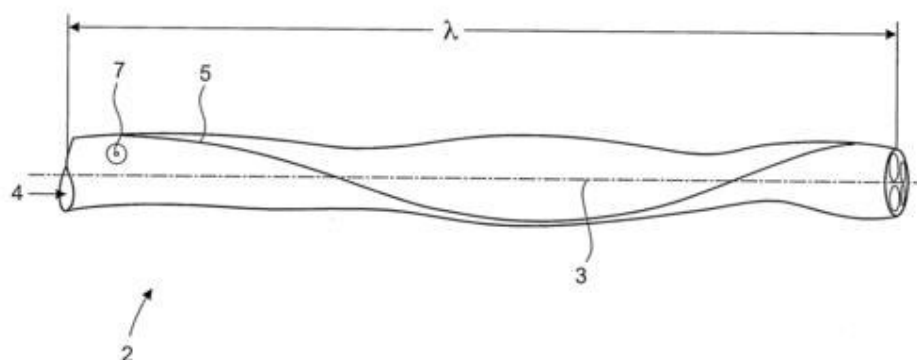
(12)	PATENT APPLICATION PUBLICATION			
(19)	INDIA	(21)	Application No.: 00137/KOLNP/2006	A
(22)	Date of filing of Application: 17/01/2006	(43)	Publication Date: 22/06/2007	

(54) **Title of the invention:** : **“FLOW CHANNEL FOR LIQUID”**

(51)	International classification	: F15D 1/06, 1/04	(71)	Name of Applicant:	WOB BEN ALOYS
(31)	Priority Document No	: 103 33 477.7		Address of the Applicant:	ARGESTRASSE
(32)	Priority Date	: 22/07/2003		19, 26607, AURICH, GERMANY	
(33)	Name of priority country	: GERMANY			
(86)	International Application No and Filing Date:	: PCT/EP2004/00296	(72)	Name of the Inventor:	WOB BEN ALOYS
		1			
		20/03/2004			
(87)	International Publication No	: WO 2005/019658			
		A1			
(61)	Patent of addition to Application No	: NIL		Filed U/S 5(2) before The	
	Filed on	: NIL		Patents (Amendment)	
				Ordinance, 2004: NO	
(62)	Divisional to Application No	: NIL			
	Filed on	: NIL			

(57) Abstract:

The invention relates to a flow channel for liquids. The aim of the invention is to provide a flow channel for liquids or gases, embodied such that the lowest possible losses occur in the flow, in particular low frictional losses. A further aim of the invention is to provide a flow channel for liquids, in which various flow regions may be adjusted. Said aim is achieved, by means of a flow channel for liquids, characterised in that at least one of the walls defining the flow channel is embodied such as to form, with a liquid flow, at least one flow region simultaneously having axial and tangential flow components.



(FIG.1)

(12) PATENT APPLICATION PUBLICATION**(19) INDIA****(21) Application No.:** 00140/KOLNP/2006**A****(22) Date of filing of Application:** 17/01/2006**(43) Publication Date:** 22/06/2007

(54) Title of the invention: DEVICE FOR PROJECTING THE LIGHT OF A SEMICONDUCTOR LASER UNIT COMPRISING A PLURALITY OF EMITTERS ONTO A WORKING PLANE AND ILLUMINATING DEVICE COMPRISING SUCH A PROJECTION DEVICE.

(51) International classification : B41J 2/45
(31) Priority Document No : 103 27 735.8
(32) Priority Date : 18/06/2003
(33) Name of priority country : GERMANY
(86) International Application No and Filing Date : PCT/EP04/ 005863 & 29/05/2004
(87) International Publication No : WO 04/110769
(61) Patent of addition to Application No Filed on : NA
(62) Divisional to Application No Filed on : NA

(71) Name of Applicant:
HENTZE-LISSOTSCHENKO PATENTVER-
WALTUNGS GMBH & CO. KG.

Address of the Applicant:
DORFSTRASSE 12, 36419 GERSTENGRUND,
GERMANY.

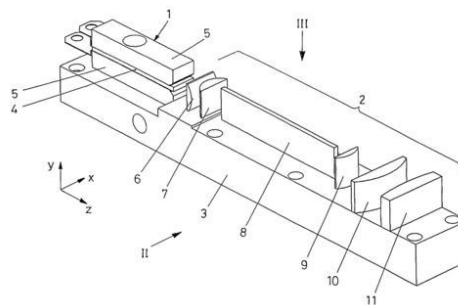
(72) Name of the Inventor:
LISSOTSCHENKO, VITALIJ
KARPUSHKI, FEDOR
PETROY, MIKHAIL

**Filed U/S 5(2) before The Patents (Amendment)
Act, 2005: NO**

(57) Abstract:

The invention relates to a device for projecting the light of a semiconductor laser unit (1) comprising a plurality of emitters onto a working plane. Said projection device comprises a collimating means (6) for at least partly collimating the light emitted by the semiconductor laser unit (1) in at least one direction which extends essentially perpendicular to the spreading direction (Z) of the light, and focusing means for at least partly focusing or projecting the at least partly collimated light onto the working plane. The inventive projection device (2, 12) further comprises light-guiding means (8, 13) which are provided with an incident area for light emitted by the collimating means (6) and an emission area from which light can be emitted to the focusing means. Said imaging device (2, 12) is embodied such that light from at least two of the emitters can enter the incident area. The invention also relates to an illuminating device encompassing such a projection device.

(FIG). 1



(43) **Publication Date:** 22/06/2007

(54) **Title of the invention:** IMPROVEMENT IN A CAN PLASTIC LID

(51)	International classification	:	B65D 43/02
(31)	Priority Document No	:	PI 0303138-1
(32)	Priority Date	:	24/07/2003
(33)	Name of priority country	:	BRAZIL
(86)	International Application No and Filing Date	:	PCT/BR04/000129 & 22/07/2004
(87)	International Publication No	:	WO 05/009856
(61)	Patent of addition to Application No Filed on	:	NA NA
(62)	Divisional to Application No Filed on	:	NA NA

(71) Name of Applicant:
BRASILATA S/A EMBALAGENS METALICAS.,

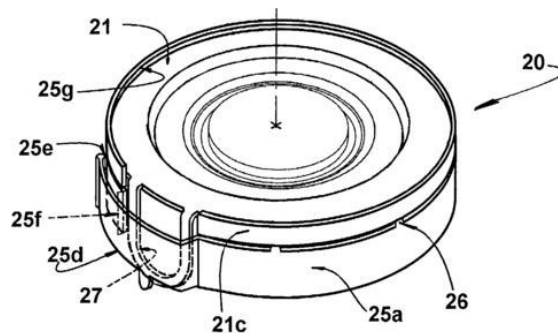
Address of the Applicant:
RUA ROBERT BOSCH, 332 01141-010 SAO
PAULO-SP, BRAZIL.

(72) **Name of the Inventor:**
ALVARES, ANTONIO CARLOS TEIXEIRA
SENE, ANTONIO ROBERTO

Filed U/S 5(2) before The Patents (Amendment) Act, 2005: NO

(57) Abstract:

An improvement in a plastic lid for a can of the type which comprises a tubular body (10) having an upper end (13) carrying a seat (16) for the lid (20) which comprises a sealing portion (21) provided with an external edge (21b) and a tamper evident portion (25) comprising a lower skirt (25a), to be seated around part of the upper end (13) of the tubular body (10) and which is incorporated, to the external edge (21b) of the sealing portion (21b), through bridges (26) which are broken upon the first opening of the lid (20). The bridges (26) are axially disposed around a circumferential extension of the upper end (13) of the tubular body (10), in order to connect an upper edge (25b) of the lower skirt (25a) with the external edge (21b) of the sealing portion (21) in points which are angularly spaced apart.



(FIG). 1

(12) PATENT APPLICATION PUBLICATION**(19) INDIA****(22) Date of filing of Application: 18/01/2006****(21) Application No.: 00148/KOLNP/2006****A****(43) Publication Date: 22/06/2007****(54) Title of the invention: PHOTOCHROMIC PRIMER COMPOSITION HAVING HIGH IMPACT RESISTANCE AND TRANSPARENT MATERIAL COATED WITH THE SAME**

(51) International classification	: C07D 175/04	(71) Name of Applicant:	LG CHEM LTD
(31) Priority Document No	: 10-2003-0054390	Address of the Applicant:	LG TWIN TOWER 20 YOIDO-DONG
(32) Priority Date	: 06/08/2003		YOUNGDUNGPO-GU SEOUL 150-721
(33) Name of priority country	: KR		REPUBLIC OF KOREA
(86) International Application No and Filing Date	: PCT/KR04/001976 06/08/2004	(72) Name of the Inventor:	1.LIM SUNG HYUN
(87) International Publication No	: WO 04/014739 A1		2.HAN SE HUI
(61) Patent of addition to Application No Filed on	: NIL N.A.		3.JANG SUNG HOON
(62) Divisional to Application No Filed on	: NIL N.A.		
		Filed U/S 5(2) before The Patents (Amendment) Act, 2005: NO	

(57) Abstract:

Disclosed are a primer composition having photochromic property and impact resistance for coating transparent materials and a photochromic transparent material having a primer layer formed by coating and curing the primer composition. The primer composition for coating transparent materials comprises: a) 5-90 parts by weight of a polyurethane containing Bronsted salt; b) 5-50 parts by weight of a polyepoxy resin; and c) 1-40 parts by weight of a photochromic dye, based on 100 parts by weight of the total primer composition. The photochromic transparent material having a primer layer formed by coating and curing the primer composition shows excellent photochromic property and impact resistance.

(FIG. - nil)

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application: 19/01/2006

(21) Application No.: 00152/KOLNP/2006

A

(43) Publication Date: 22/06/2007

(54) Title of the invention: SUBSTITUTED NAPHTHYRIDINE DERIVATIVES AS INHIBITORS OF MACROPHAGE MIGRATION INHIBITORY FACTOR AND THEIR USE IN THE TREATMENT OF HUMAN DISEASES

(51) International classification : C07D
471/04,A61K
31/4375,A61P
35/00,37/06,29/02
(31) Priority Document No : 60/497,443
(32) Priority Date : 22/08/2003
(33) Name of priority country : US
(86) International Application No and Filing Date : PCT/US04/025683
: 09/08/2004
(87) International Publication No : WO 05/021546 A1
(61) Patent of addition to Application No : NIL
Filed on : N.A.
(62) Divisional to Application No : NIL
Filed on : N.A.

(71) Name of Applicant:
AVANIR PHARMACEUTICALS

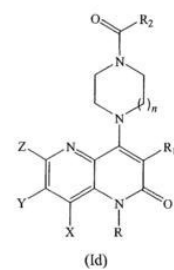
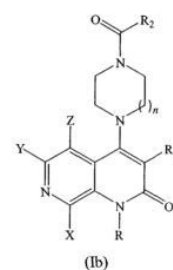
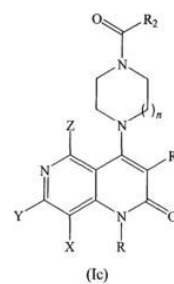
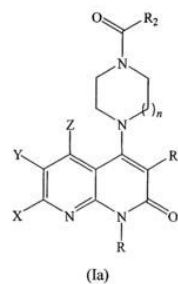
Address of the Applicant:
11388 SORRENTO VALLEY ROAD, SUITE
200 SAN DIEGO CALIFORNIA USA

(72) Name of the Inventor:
1.SIRCAR JAGADISH
2.KUMAR SUNIL K.C.
3.YING WENBIN
4.DAVIS TIMOTHY JAMES

Filed U/S 5(2) before The Patents (Amendment)
Act, 2005: NO

(57) Abstract:

Inhibitors of MIF having a naphthyridine backbone are provided which have utility in the treatment of a variety of disorders, including the treatment of pathological conditions associated with MIF activity. The inhibitors of MIF have the following structures: (Ia), (Ib), (Ic), (Id) including stereoisomers, prodrugs and pharmaceutically acceptable salts thereof, wherein n, R, R₁, R₂, X, Y and Z are as defined herein. Compositions containing an inhibitor of MIF in combination with a pharmaceutically acceptable carrier are also provided, as well as methods for use of the same.



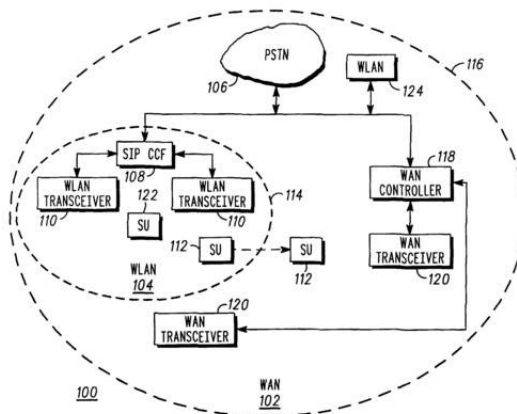
(12) PATENT APPLICATION PUBLICATION**(19) INDIA****(21) Application No.: 00175/KOLNP/2006****A****(22) Date of filing of Application: 23/01/2006****(43) Publication Date: 22/06/2007**

(54) Title of the invention: : **“METHOD AND APPARATUS IN A WIRELESS COMMUNICATION SYSTEM FOR FACILITATING A HANDOFF”**

(51) International classification : **H04Q 7/00****(31) Priority Document No** : **10/652,125****(32) Priority Date** : **29/08/2003****(33) Name of priority country** : **U.S.A****(86) International Application No and Filing Date:** : **PCT/US2004/02209
1
09/07/2004****(87) International Publication No** : **WO 2005/025108
A3****(61) Patent of addition to Application No** : **NIL****Filed on** : **NIL****(62) Divisional to Application No** : **NIL****Filed on** : **NIL****(71) Name of Applicant: MOTOROLA, INC.****Address of the Applicant:**1303, EAST ALGONQUIN ROAD
SCHAUMBURG ILLIONS 60196, U.S.A**(72) Name of the Inventor: I. SEGAL,
NIRANJAN N.
II. BELKIN, ANATOLY S.
III. HIRSBRUNNER, ALEX P.
IV. IDNANI, AJAYKUMAR
V. PIERCE, JENNIFER****Filed U/S 5(2) before The
Patents (Amendment)
Ordinance, 2004: NO**

(57) Abstract:

A dual-band wireless subscriber unit (SU) (112) having an enterprise address of E1 and a cellular address of C1, corresponding method (200), software program (310-320), and WLAN (104) determines (202) that the SU is about to leave a wireless local area network (WLAN) (104). In response, when the SU is involved in a call on E1, the SU sends (212, 208) to the WLAN a SIP message, for example a Refer message with a 'Refer To' field of C1 if an ongoing call or a SIP Redirect message with a contact address of C1 if a new call is attempting to begin on E1. In response to receiving either message, the WLAN seamlessly transfers (210, 214) the call to C1.

**(FIG.1)**

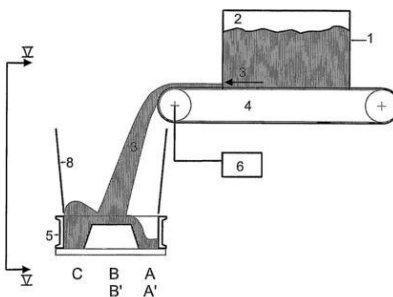
(12)	PATENT APPLICATION PUBLICATION			
(19)	INDIA	(21)	Application No.: 00176/KOLNP/2006	A
(22)	Date of filing of Application: 23/01/2006	(43)	Publication Date: 22/06/2007	

(54) Title of the invention: : “MOULDING SAND SUPPLY APPARATUS AND METHOD”

(51)	International classification	: B22C 19/00	(71)	Name of Applicant: DISA INDUSTRIES A/S
(31)	Priority Document No	: N.A		
(32)	Priority Date	: N.A		
(33)	Name of priority country	: N.A		
(86)	International Application No and Filing Date:	: PCT/IB2004/05074 6 19/05/2004		Address of the Applicant: HERLEV HOVEDGADE 17, DK-2730, HERLEV, DENMARK
(87)	International Publication No	: WO 2005/113176 A1	(72)	Name of the Inventor: KNUDSEN, SOREN ERIK
(61)	Patent of addition to Application No	: NIL		
	Filed on	: NIL		Filed U/S 5(2) before The Patents (Amendment) Ordinance, 2004: NO
(62)	Divisional to Application No	: NIL		
	Filed on	: NIL		

(57) Abstract:

In a moulding sand supply apparatus comprising a sand reservoir (2) for delivering sand (3) to a mainly horizontal belt conveyor (4), the belt conveyor (4) is controlled to deliver sand for filling a flask (5) positioned to receive sand falling from the belt conveyor (3). A controller (6) controls the speed of the belt conveyor (4) according to a speed profile providing varying trajectories for the delivered sand, which results in a controlled distribution of the sand (3) in the flask (5) in the transport direction of the belt conveyor (4). In this way, a simple and flexible control of the distribution of the sand (3) in the flask (5) can be obtained.



(FIG.1)

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application: 23/01/2006

(21) Application No.: 00178/KOLNP/2006

A

(43) Publication Date: 22/06/2007

(54) Title of the invention: QUINOLINE DERIVATIVES AS INHIBITORS OF C-FMS KINASE

(51) International classification : C07D 215/00
(31) Priority Document No : 60/488,811
(32) Priority Date : 22/07/2003
(33) Name of priority country : US
(86) International Application No and Filing Date : PCT/US04/023423 : 20/07/2004
(87) International Publication No : WO 05/009967 A2
(61) Patent of addition to Application No : NIL
Filed on : N.A.
(62) Divisional to Application No : NIL
Filed on : N.A.

(71) Name of Applicant:
JANSEEN PHARMACEUTICA N.V.

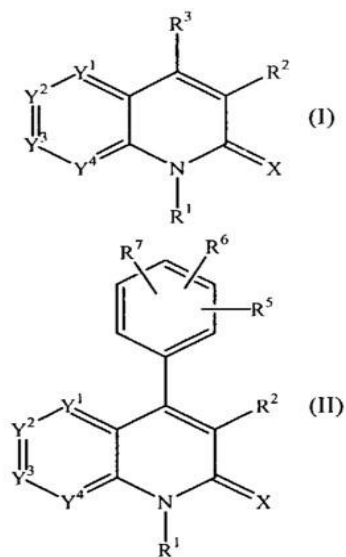
Address of the Applicant:
TURNHOUTSWEG 30, B-2340 BEERSE
BELGIUM

(72) Name of the Inventor:
1.MARK J WALL
2.MARK R PLAYER
3.RAYMOND JOSEPH PATCH
4.JIAN LIU
5.WING CHEUNG
6.SANATH MEEGALLA
7.CARL R ILLIG
8.JINSHENG CHEN

Filed U/S 5(2) before The Patents (Amendment)
Act, 2005: NO

(57) Abstract:

The invention is directed to compounds of Formulae I and II, wherein R^1 , R^2 , R^3 , R^5 , R^6 , Y^1 , Y^2 , Y^3 , Y^4 and X are set forth in the specification, as well as solvates, hydrates, tautomers or pharmaceutically acceptable salts thereof, that inhibit protein tyrosine kinases, especially c-fms kinase.



(FIG. -)

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application: 25/01/2006

(21) Application No.: 00200/KOLNP/2006

A

(43) Publication Date: 22/06/2007

(54) Title of the invention: METHOD OF PROVIDING BACKGROUND SOUND FROM PERSONAL PORTABLE TERMINAL DURING COMMUNICATION

(51) International classification : H04Q 7/24
(31) Priority Document No : 10-2003-0042704
2004-185303
(32) Priority Date : 27/06/2003
23/06/2004
(33) Name of priority country : KOREA
JAPAN
(86) International Application No and Filing Date : PCT/KR04/001543
& 25/06/2004
(87) International Publication No : WO 05/002255
(61) Patent of addition to Application No : NA
Filed on : NA
(62) Divisional to Application No : NA
Filed on : NA

(71) Name of Applicant:

LEE, JIN-HO.,

Address of the Applicant:

109-509, YAKSUHEIGHTS, 842, SINDANG-DONG, JUNG-GU, SEOUL 100-450, KOREA.

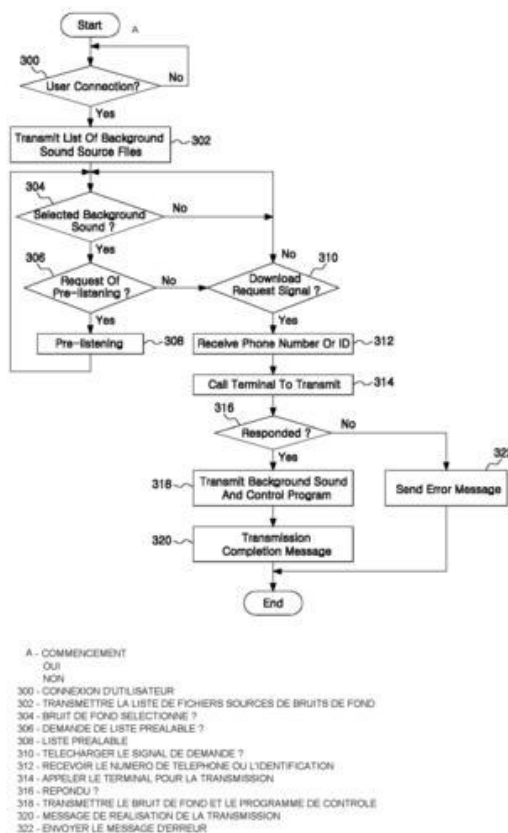
(72) Name of the Inventor:

LEE, JIN-HO

Filed U/S 5(2) before The Patents (Amendment) Act, 2005: NO

(57) Abstract:

The present invention discloses a method of providing a background sound from a personal portable terminal during communication. The method comprises steps of: a) connecting to a background sound providing service unit; b) downloading a background sound source file therefrom and storing the downloaded background sound source file in the personal portable terminal; c) setting the downloaded background sound source file correspondingly to at least one key of the personal portable terminal; and d) establishing a communication channel between a calling and receiving terminals by means of a connection request call. Execution of the background sound source file, intermission of the execution, and adjustment of output level is controlled by means of a background sound control program, while communicating. The background sound control program can be downloaded and stored in the personal portable terminal.



(FIG). 3

(12) PATENT APPLICATION PUBLICATION**(19) INDIA****(21) Application No.: 00212/KOLNP/2006****A****(22) Date of filing of Application: 30/01/2006****(43) Publication Date: 22/06/2007****(54) Title of the invention: LIPID ENCAPSULATED INTERFERING RNA**

(51) International classification : A61K 47/48
(31) Priority Document No : 60/488,144
60/503,279
60/529,406
(32) Priority Date : 16/07/2003
15/09/2003
11/12/2003
(33) Name of priority country : USA
(86) International Application No and Filing Date : PCT/CA04/001051
: & 16/07/2004
(87) International Publication No : WO 05/007196
(61) Patent of addition to Application No Filed on : NA
: NA
(62) Divisional to Application No Filed on : NA
: NA

(71) Name of Applicant:
PROTIVA BIOTHERAPEUTICS, INC.,

Address of the Applicant:

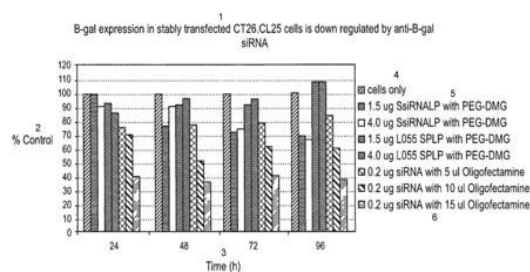
100-3480 GILMORE WAY, BURNABY, BRITISH COLUMBIA V5G 4Y1, CANADA.

(72) Name of the Inventor:
MACLACHLAN, IAN
AMBEGIA, ELLEN, GRACE
HEYES, JAMES

Filed U/S 5(2) before The Patents (Amendment) Act, 2005: NO

(57) Abstract:

The present invention provides compositions and methods for silencing gene expression by delivering nucleic acid-lipid particles comprising a siRNA molecule to a cell.



(FIG). 1

(12) PATENT APPLICATION PUBLICATION**(19) INDIA****(21) Application No.: 00219/KOLNP/2006****A****(22) Date of filing of Application: 30/01/2006****(43) Publication Date: 22/06/2007**

(54) Title of the invention: VERTEBRAL RETAINER-DISTRACTER AND METHOD OF USING SAME

(51) International classification : A61B
(31) Priority Document No : 10/622,803
(32) Priority Date : 21/07/2003
(33) Name of priority country : USA
(86) International Application No and Filing Date : 5 & 14/07/2004
(87) International Publication No : WO 05/009209
(61) Patent of addition to Application No Filed on : NA
(62) Divisional to Application No Filed on : NA

(71) Name of Applicant:
SPINE SOLUTIONS, INC.,

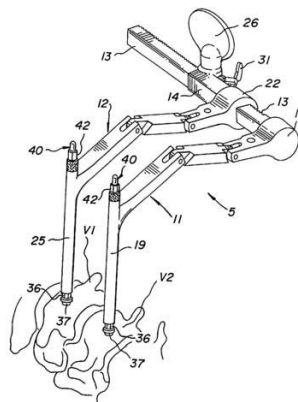
Address of the Applicant:
1302 WRIGHTS LANE EAST, WEST CHESTER
PENNSYLVANIA 19380, USA.

(72) Name of the Inventor:
BERTAGNOLI, RUDOLF

**Filed U/S 5(2) before The Patents (Amendment)
Act, 2005: NO**

(57) Abstract:

An instrument for distracting at least two adjacent vertebrae and/or retaining them in a spaced apart position. Anchor screws are secured to the adjacent vertebrae and tubes of a retainer-distracter instrument frame are slid down over the anchor screws, after which the anchor screws are positively secured to the tubes of the frame. The frame includes a structure for moving the arms and hence the anchor screws and vertebrae toward and away from each other. According to a method of operation, after the anchor screws and frame are attached, a separate distracter distracts the vertebrae away from each other, whereupon the instrument acts only as a retainer to hold the vertebrae apart.



(FIG).1

(12) PATENT APPLICATION PUBLICATION**(19) INDIA****(22) Date of filing of Application:** 07/02/2006**(21) Application No.:** 00279/KOLNP/2006**A****(43) Publication Date:** 22/06/2007

(54) Title of the invention: ANTENNA ARRAY

(51) International classification	: H01Q 1/24, 3/28
(31) Priority Document No	: 103 36 072.7
(32) Priority Date	: 06/08/2003
(33) Name of priority country	: GERMANY
(86) International Application No and Filing Date	: PCT/EP04/008799 : & 05/08/2004
(87) International Publication No	: WO 05/018043
(61) Patent of addition to Application No Filed on	: NA : NA
(62) Divisional to Application No Filed on	: NA : NA

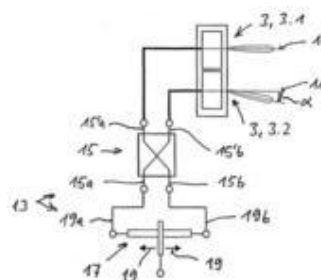
(71) Name of Applicant:

KATHREIN-WERKE-KG.,

Address of the Applicant:ANTON-KETHREIN-STRASSE 1-3, D-83022
ROSENHEIM, GERMANY.**(72) Name of the Inventor:**GABRIEL ROLAND
RUMOLD JURGEN
LANGENBERG JORG**Filed U/S 5(2) before The Patents (Amendment)
Act, 2005: NO**

(57) Abstract:

The invention relates to an improved antenna array which comprises the following features; the at least two radiator groups (3.1, 3.2) are arranged and/or fed in such a manner that the main lobe (7.1) of the first radiator device (3.1) and the main lobe (7.2) of the second radiator device (3.2) form an angle (α); - the array is provided with a network (13) via which a signal is supplied to the first radiator group (3.1) and the second radiator group (3.2) the intensity of which signal relative to each other can be adjusted, thereby adjusting a different angle radiation transmission(α) of the antenna array.

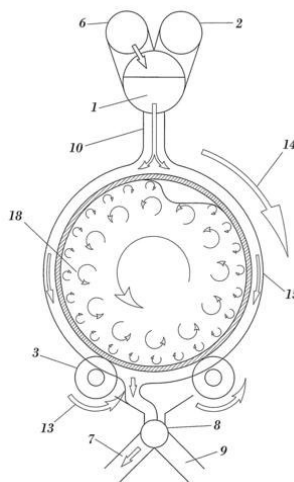


(12) PATENT APPLICATION PUBLICATION			
(19) INDIA		(21) Application No.: 00280/KOLNP/2006	A
(22) Date of filing of Application: 07/02/2006		(43) Publication Date: 22/06/2007	
(54) Title of the invention:	: "METHOD AND DEVICE FOR THE RAPID COOLING OF PACKAGED DRINKS"		
(51) International classification	: F25D 31/00, A23L 3/36, 2/42	(71) Name of Applicant: CONDE HINOJOSA JOSE RAMON	
(31) Priority Document No	: P200301733	Address of the Applicant: DIEGO DE RIANO, 5 5 D., E-41004 SEVILLA SPAIN	
(32) Priority Date	: 23/07/2003		
(33) Name of priority country	: SPAIN		
(86) International Application No and Filing Date:	: PCT/EP/000332 13/07/2004	(72) Name of the Inventor:	
(87) International Publication No	: WO 2005/010448 A2	CONDE HINOJOSA JOSE RAMON	
(61) Patent of addition to Application No	: NIL	Filed U/S 5(2) before The Patents (Amendment) Ordinance, 2004: NO	
Filed on	: NIL		
(62) Divisional to Application No	: NIL		
Filed on	: NIL		

(57) Abstract:

Based on the use of a coolant aqueous liquid, usually brine, maintained at low temperature in a reservoir receptacle, as low as -20°C if the brine is of Sodium chloride or as low as -50°C if it is of Calcium chloride, applied on the upper surface of the container, positioned horizontally, rotating about its axis, by means of soft jets, during a time which is calculated from the initial and desired temperatures, the temperatures of the cold solution and of the rinsing water and from the temporal coefficient of the packaged beverage, so that the brine glides over its surface drawn by the force of gravity, surrounding it completely through surface tension adherence to the surface of the container located underneath, where it is detached, determining at all times that the brine coats the greater part of the container during the spraying.

By substituting the coolant liquid with hot water the rapid heating of packaged beverages is produced.



(FIG. 5)

(12)	PATENT APPLICATION PUBLICATION			
(19)	INDIA	(21)	Application No.: 00296/KOLNP/2006	A
(22)	Date of filing of Application: 10/02/2006	(43)	Publication Date: 22/06/2007	

(54) **Title of the invention:** : **“TREATMENT OR PREVENTION OF DAMAGE DUE TO RADIATION EXPOSURE”**

(51)	International classification	: A61K 38/00	(71)	Name of Applicant: REGENERX BIOPHARMACEUTICALS, INC.
(31)	Priority Document No	: 60/488,097		
(32)	Priority Date	: 18/07/2003		
(33)	Name of priority country	: U.S.A		
(86)	International Application No and Filing Date:	: PCT/US2004/02307 5 19/07/2004		Address of the Applicant: 3 BETHESDA METRO CENTER, SUITE 630, BETHESDA, MARYLAND 20814, U.S.A
(87)	International Publication No	: WO 2005/007118 A3		
(61)	Patent of addition to Application No	: NIL	(72)	Name of the Inventor: GOLDSTEIN ALLAN L
	Filed on	: NIL		
(62)	Divisional to Application No	: NIL		Filed U/S 5(2) before The Patents (Amendment) Ordinance, 2004: NO
	Filed on	: NIL		

(57) Abstract:

A method of treatment or prevention of damage due to ionizing radiation exposure involves administering to a subject in need of such treatment an effective amount of a composition containing 1) a compound including a radiation damage-inhibiting polypeptide containing amino acid sequence LKKTET (such as Thymosin beta4), a conservative variant of LKKTET, an actin-sequestering agent, an anti-inflammatory agent; 2) an agent which stimulates production of the compound in the subject; 3) an agent which regulates the compound in the subject; or 4) an antagonist of the compound, so as to inhibit radiation damage in the subject.

(FIG.NIL)

(12) PATENT APPLICATION PUBLICATION**(19) INDIA****(21) Application No.: 00311/KOLNP/2006****A****(22) Date of filing of Application: 13/02/2006****(43) Publication Date: 22/06/2007**

(54) Title of the invention: HOST DEFENSE FACTOR X (HDFX)

(51) International classification	:	A61K
(31) Priority Document No	:	60/487,668
(32) Priority Date	:	16/07/2004
(33) Name of priority country	:	USA
(86) International Application No and Filing Date	:	PCT/US04/022917 & 16/07/2004
(87) International Publication No	:	WO 05/027827
(61) Patent of addition to Application No Filed on	:	NA NA
(62) Divisional to Application No Filed on	:	NA NA

(71) Name of Applicant:
THE RESEARCH FOUNDATION OF STATE
UNIVERSITY OF NEW YORK.,**Address of the Applicant:**
P.O.BOX 9, ALBANY, NY 11201-0009, USA.**(72) Name of the Inventor:**
ALTURA, BURTON**Filed U/S 5(2) before The Patents (Amendment)
Act, 2005: NO**

(57) Abstract:

The present invention relates to compositions and methods useful in medical prophylaxis and treatment of a mammalian subject before and after exposure of the subject to potentially lethal pathogens and other insults. More specifically, the present invention provides an isolated a natural host defense factor, or "HDFX", which enhances an animal subject's ability to withstand infection by any pathogen and a variety of insults. Pharmaceutical compositions containing HDFX and therapeutic methods involving administration of HDFX are also provided.

(FIG).

(12) **PATENT APPLICATION PUBLICATION**

(19) **INDIA**

(22) **Date of filing of Application:** 14/02/2006

(21) **Application No.:** 00320/KOLNP/2006

A

(43) **Publication Date:** 22/06/2007

(54) **Title of the invention:** METHOD FOR PRODUCING PLATINUM ALLOYS AND ALLOYS WHICH CAN BE OBTAINED USING THIS METHOD

(51) **International classification** : C22F 1/14, C22C 5/04
(31) **Priority Document No** : PD2003A000187
(32) **Priority Date** : 13/08/2003
(33) **Name of priority country** : ITALY
(86) **International Application No and Filing Date** : PCT/IB04/002392 & 16/07/2004
(87) **International Publication No** : WO 05/017224
(61) **Patent of addition to Application No Filed on** : NA
(62) **Divisional to Application No Filed on** : NA

(71) **Name of Applicant:**
MELICK LLC.,

Address of the Applicant:

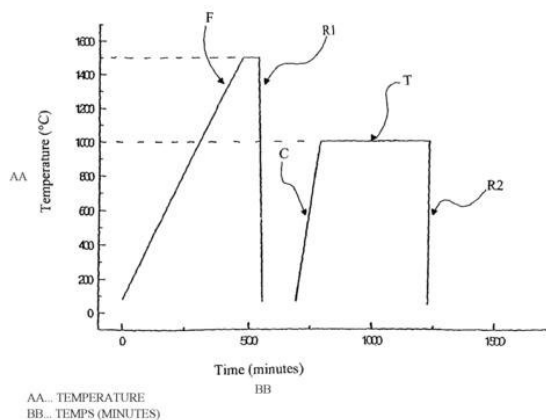
85 DEVONSHIRE STREET, SUITE 1000,
BOSTON MA 02109, USA.

(72) **Name of the Inventor:**
WIECZORED WACLAW, JOZEF

Filed U/S 5(2) before The Patents (Amendment) Act, 2005: NO

(57) **Abstract:**

Method for producing platinum/copper alloys which envisages the steps of melting platinum and copper parts and/or powders in a predetermined ratio in a controlled atmosphere and subjecting the fusion product thus obtained to heat treatment so as to produce a platinum/copper alloy which is devoid of phase separation products and can be easily worked in the manner of a gold alloy.



(FIG). 3

(12) **PATENT APPLICATION PUBLICATION**

(19) **INDIA**

(21) **Application No.: 00331/KOLNP/2006**

A

(22) **Date of filing of Application: 15/02/2006**

(43) **Publication Date: 22/06/2007**

(54) **Title of the invention:** : **“TRANSFER DEVICE”**

(51) **International classification** : **E02B 15/04**

(31) **Priority Document No** : **2003 1327**

(32) **Priority Date** : **17/09/2003**

(33) **Name of priority country** : **FINLAND**

(86) **International Application No and Filing Date:** : **PCT/FI2004/000541**
16/09/2004

(87) **International Publication No** : **WO 2005/026447 A1**

(61) **Patent of addition to Application No** : **NIL**

Filed on : **NIL**

(62) **Divisional to Application No** : **NIL**

Filed on : **NIL**

(71) **Name of Applicant:**

LARSEN BENT

Address of the Applicant:

WALLGRENINKATU 22, FI-06100

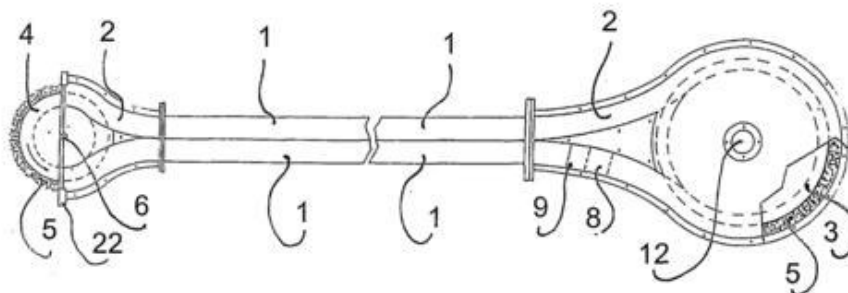
PORVOO, FINLAND

(72) **Name of the Inventor:** LARSEN BENT

Filed U/S 5(2) before The Patents (Amendment) Ordinance, 2004: NO

(57) Abstract:

The present invention relates to a transfer device for transferring fluid, the transfer device comprising: a rope (5) which rotates around wheels (3, 4) and which, moved by the wheels, comes into contact with the fluid, and a cleaner (8) for removing fluid stuck to the rope (5) therefrom. In order to achieve an efficient and simple transfer device, the transfer device further comprises: at least a first and a second housing (2) provided with wheels (3, 4) around which the rope (5) rotates, and at least two closed channels (1) which are arranged between the first and the second housings (2) and into which the rope (5) is arranged to transfer fluid from the first housing to the cleaner in the second housing.



(FIG.1A)

(12) PATENT APPLICATION PUBLICATION**(19) INDIA****(22) Date of filing of Application:** 17/02/2006**(21) Application No.:** 00362/KOLNP/2006**A****(43) Publication Date:** 22/06/2007

(54) Title of the invention: PROACTIVE USER INTERFACE

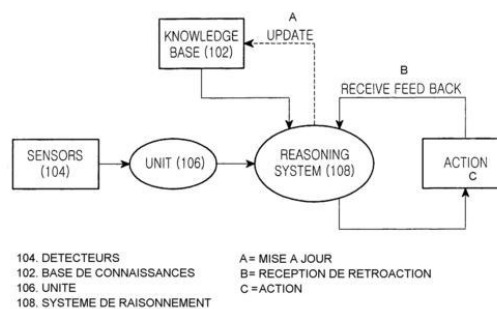
(51) International classification	:	H04B 1/40
(31) Priority Document No	:	60/500,669
		10/743,476
(32) Priority Date	:	05/09/2003
		23/12/2003
(33) Name of priority country	:	USA
(86) International Application No and Filing Date	:	PCT/KR03/002934
		& 31/12/2003
(87) International Publication No	:	WO 05/025081
(61) Patent of addition to Application No	:	NA
Filed on	:	NA
(62) Divisional to Application No	:	NA
Filed on	:	NA

(71) Name of Applicant:
SAMSUNG ELECTRONICS CO., LTD.,**Address of the Applicant:**416, MAETAN-DONG, YEONGTONG-GU,
SUWON-SI, GYEONGGI-DO, KOREA.**(72) Name of the Inventor:**JONG-GOO LEE
NATAN LINDER
EYAL TOLEDANO
YARIV EISENBERG**Filed U/S 5(2) before The Patents (Amendment)
Act, 2005: NO**

(57) Abstract:

A proactive user interface, which could optionally be installed in (or otherwise control and/or be associated with) any type of computational device. The proactive user interface actively makes suggestions to the user, based upon prior experience with a particular user and/or various preprogrammed patterns from which the computational device could select, depending upon user behavior. These suggestions could optionally be made by altering the appearance of at least a portion of the display, for example by changing a menu or a portion thereof; providing different menus for display; and/or altering touch screen functionality. The suggestions could also optionally be made audibly.

(FIG).1



(12)	PATENT APPLICATION PUBLICATION			
(19)	INDIA	(21)	Application No.: 00368/KOLNP/2006	A
(22)	Date of filing of Application: 20/02/2006	(43)	Publication Date: 22/06/2007	

(54) **Title of the invention:** : **LAWSONIA INTRACELLULARIS OF EUROPEAN ORIGIN AND VACCINES, DIAGNOSTIC AGENTS AND METHODS OF USE THEREOF**

(51)	International classification	: A61K 39/02, C12N 1/20	(71)	Name of Applicant: BOEHRINGER INGELHEIM VETMEDICA, INC.
(31)	Priority Document No	: 60/490,001`		
(32)	Priority Date	: 25/07/2003		Address of the Applicant: 2621 NORTH BELT HIGHWAY, ST.JOSEPH MO 64506-2002, U.S.A
(33)	Name of priority country	: U.S.A		
(86)	International Application No and Filing Date:	: PCT/US2004/02270 4 15/07/2004		
(87)	International Publication No	: WO 2005/011731 A1	(72)	Name of the Inventor: 1. ROOF, MICHAEL, B 2. KROLL, JEREMY, J. 3. KNITTEL, JEFFREY, P
(61)	Patent of addition to Application No	: NIL		
	Filed on	: NIL		
(62)	Divisional to Application No	: NIL		Filed U/S 5(2) before The Patents (Amendment) Ordinance, 2004: NO
	Filed on	: NIL		

(57) Abstract:

The present invention relates to *Lawsonia intracellularis* vaccines and methods for protecting against and diagnosing *L. intracellularis* infection. The products and processes of the invention are attainable, in part, as the result of an improved method for cultivating large scale supplies of *L. intracellularis*, including both a novel isolate of *L. intracellularis* of European origin and a method of preparing a lyophilized product containing the attenuated European isolate as vaccine product.

(FIG.nil)

(12)	PATENT APPLICATION PUBLICATION			
(19)	INDIA	(21)	Application No.: 00371/KOLNP/2006	A
(22)	Date of filing of Application: 20/02/2006	(43)	Publication Date: 22/06/2007	

(54) **Title of the invention:** : **MODAFINIL COMPOSITIONS**

(51)	International classification	: A61K	(71)	Name of Applicant: CEPHALON, INC
(31)	Priority Document No	: US03/27772, 10/660,202, 60/508,208, 60/542,752		Address of the Applicant: 41. MOORES ROAD P.O. BOX 4011 FRAZER, PENNSYLVANIA 19355 U.S.A
(32)	Priority Date	: 04/09/2003, 11/09/2003 02/10/2003. 06/02/2004	(72)	Name of the Inventor: 1. MAGALI BOURGHOL HICKEY 2.MATTHEW PETERSON 3. ORN ALMARSSON 4. MARK OLIVERIA
(33)	Name of priority country	: U.S.A		
(86)	International Application No and Filing Date:	: PCT/US2004/02901 3 04/09/2004		
(87)	International Publication No	: WO 2005/023198 A2		Filed U/S 5(2) before The Patents (Amendment) Ordinance, 2004: NO
(61)	Patent of addition to Application No	: NIL		
	Filed on	: NIL		
(62)	Divisional to Application No	: NIL		
	Filed on	: NIL		

(57) Abstract:

Co-crystals and solvates of racemic, enantiomerically pure, and enantiomerically mixed modafinil are formed and several important physical properties are modulated. The solubility, dissolution, bioavailability, dose response, and stability of modafinil can be modulated to improve efficacy in pharmaceutical compositions.

(FIG.Nil)

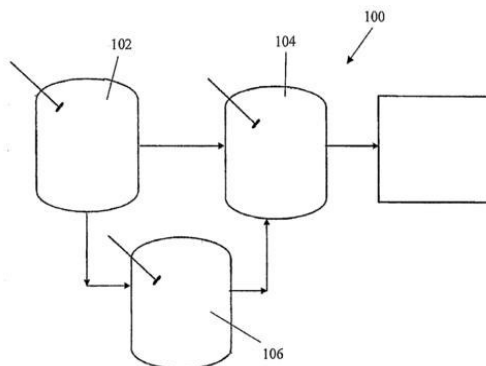
(12)	PATENT APPLICATION PUBLICATION			
(19)	INDIA	(21)	Application No.: 00390/KOLNP/2006	A
(22)	Date of filing of Application: 21/02/2006	(43)	Publication Date: 22/06/2007	

(54) **Title of the invention:** : **MODIFIED ANIONICALLY POLYMERIZED POLYMERS**

(51)	International classification	: C08G 81/02	(71)	Name of Applicant: JOHNSON POLYMER, LLC
(31)	Priority Document No	: 60/481,164 10/710,654		
(32)	Priority Date	: 31/07/2003 27/07/2004		Address of the Applicant: 8310 16th STREET -M/S 509, STURTEVANT, WI 53177, U.S.A
(33)	Name of priority country	: U.S.A	(72)	Name of the Inventor:
(86)	International Application No and Filing Date:	: PCT/US2004/02435 0 28/07/2004	I.	DEETER, GARY, A
(87)	International Publication No	: W0 05/012393	II.	VILLALOBOS, MARCO, A
			III.	MOCTEZUMA ESPIRICUETO, SERGIO, ALBERTO
(61)	Patent of addition to Application No	: NIL	IV.	REVILLA VAZQUEZ, JAVIER
	Filed on	: NIL	V.	ROJAS GARCIA, JOSE, MANUEL
(62)	Divisional to Application No	: NIL	VI.	GUTIERREZ CRTZ, GERARDO
	Filed on	: NIL		Filed U/S 5(2) before The Patents (Amendment) Ordinance, 2004: NO

(57) Abstract:

Oligomer-modified anionically polymerized polymers, reinforced materials made with polymers and articles made from reinforced materials are provided. The oligomer-modified polymers are made by reacting anionically polymerized polymers with low molecular weight acrylic oligomers. The oligomer-modified polymers may be used as adhesives, compatibilizers, reinforcing agents and impact modifiers.



(FIG.1)

(12) PATENT APPLICATION PUBLICATION**(19) INDIA****(21) Application No.: 00403/KOLNP/2006****A****(22) Date of filing of Application: 22/02/2006****(43) Publication Date: 22/06/2007**

(54) Title of the invention: : GRINDING MACHINE WITH CONCENTRICITY CORRECTION

(51) International classification	: B24B 19/04, 3/02, 3/24, 49/00
(31) Priority Document No	: 10344293.6
(32) Priority Date	: 23/09/2003
(33) Name of priority country	: GERMANY
(86) International Application No and Filing Date:	: PCFT/EP2004/010 660 23/09/2004
(87) International Publication No	: WO 2005/030437 A1
(61) Patent of addition to Application No	: NIL
Filed on	: NIL
(62) Divisional to Application No	: NIL
Filed on	: NIL

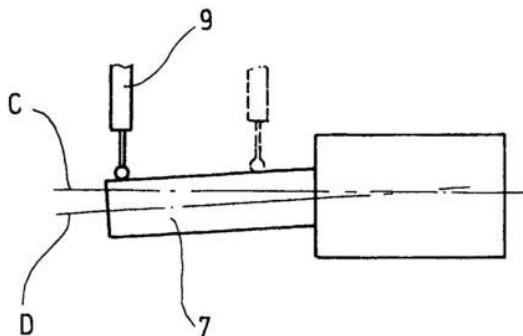
(71) Name of Applicant: WALTER MASCHINENBAU GMBH
Address of the Applicant: DERENDINGER STRASSE 53 72072 TUBINGEN, GERMANY

(72) Name of the Inventor: 1. SIMAKOV, MIKAIL 2. DILGER, CHRISTIAN

Filed U/S 5(2) before The Patents (Amendment) Ordinance, 2004: NO

(57) Abstract:

A tool grinding machine has a machine control unit, which by means of a suitable measuring device, which for instance comprises a tracer (9) and a measuring module, first determines the wobble runout with respect to the ideal receptacle axis © of a workpiece receptacle. In the grinding machining of the blank (7) or a workpiece, this wobble runout is taken into account and compensated for; that is, the grinding tools are made to trace a tumbling workpiece in such a way that the workpiece is machined to the exact intended dimensions and concentrically.

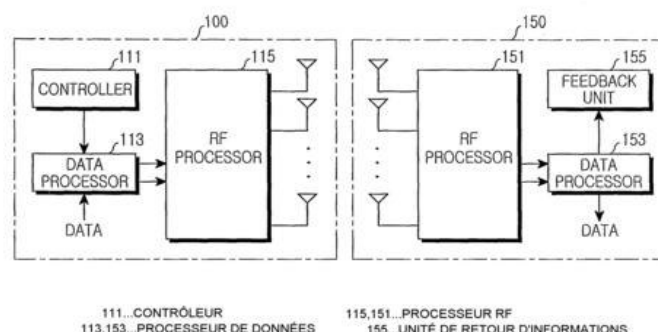
**(FIG.3)**

(12)	PATENT APPLICATION PUBLICATION	(21)	Application No.: 00404/KOLNP/2006	A
(19)	INDIA	(43)	Publication Date: 22/06/2007	
(22)	Date of filing of Application: 22/02/2006			

(54)	Title of the invention:	: APPARATUS AND METHOD FOR CONTROLLING A TRANSMISSION SCHEME ACCORDING TO CHANNEL STATE IN A COMMUNICATION SYSTEM
(51)	International classification	: H04B 7/155
(31)	Priority Document No	: 10-2003-0070436
(32)	Priority Date	: 30/09/2003
(33)	Name of priority country	: KOREA
(86)	International Application No and Filing Date:	: PCT/KR2004/0023 57 16/09/2004
(87)	International Publication No	: WO 2005/032001 A1
(61)	Patent of addition to Application No	: NIL
	Filed on	: NIL
(62)	Divisional to Application No	: NIL
	Filed on	: NIL
(71)	Name of Applicant:	SAMSUNG ELECTRONICS CO. LTD.,
	Address of the Applicant:	416, MAETAN-DONG, YEONGTONG-GU SUWON-SI, GYEONGGI-DO, KOREA
(72)	Name of the Inventor:	1.CHAN-BYOUNG CHAE 2.SEOK-HYUN YOON 3.YOUNG-KWON CHO 4. CHANG-HO SUH 5.JUNG MIN RO 6. KATZ, MARCOS DANIEL 7. HONG-SIL JEONG
	Filed U/S 5(2) before The Patents (Amendment) Ordinance, 2004:	NO

(57) Abstract:

Disclosed is a transmission scheme for a transmitter according to a channel state in a communication system where the transmitter has M transmit antennas and a receiver has N receive antennas. Upon the input of data, the transmitter processes the data in a transmission scheme selected from among a plurality of transmission schemes, and transmits the processed data to the receiver. The receiver estimates the channel state of the received signal, selects a transmission scheme according to a channel state corresponding to the channel state estimation result, and feeds back to the transmitter transmission scheme information indicating the selected transmission scheme. The transmitter determines the transmission scheme corresponding to the received transmission scheme information.



(FIG.1)

(12) PATENT APPLICATION PUBLICATION**(19) INDIA****(22) Date of filing of Application: 23/02/2006****(21) Application No.: 00411/KOLNP/2006****A****(43) Publication Date: 22/06/2007****(54) Title of the invention: DISPOSABLE WEARING ARTICLE**

(51) International classification : A61F 13/62
(31) Priority Document No : 2003-207943
(32) Priority Date : 19/08/2003
(33) Name of priority country : JP
(86) International Application No and Filing Date : PCT/JP04/011933 : 19/08/2004
(87) International Publication No : WO 05/016215 A1
(61) Patent of addition to Application No : NIL
Filed on : N.A.
(62) Divisional to Application No : NIL
Filed on : N.A.

(71) Name of Applicant:
UNI-CHARM CO LTD

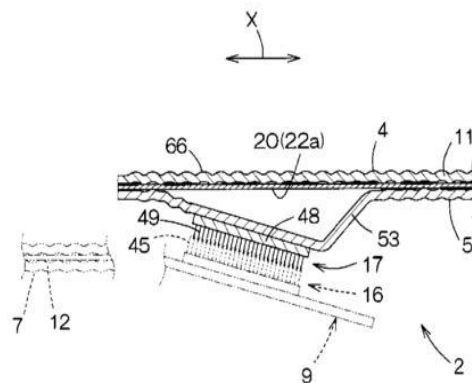
Address of the Applicant:
182 SHIMOBUNKINSEI-CHO
SHIKOKUCHUO-SHI EHIME 799-0111 JAPAN

(72) Name of the Inventor:
OTSUBO TOSHIFUMI
SUGITO TOMOKO

Filed U/S 5(2) before The Patents (Amendment) Act, 2005: NO

(57) Abstract:

A disposable wearing article (1) capable of preventing gathers from occurring on a fastening means by the action of elastic members (20), comprising the multiple lines of elastic members (20) provided between an inner surface sheet (4) and an outer surface sheet (5) and extending in a body peripheral direction in an extended state and the fastening means fitted to the wearing article so as to cross the elastic members (20). The base sheet (48) of the hook part (17) of a mechanical fastener as the fastening means is fitted to the outer surface sheet (5) in the state of crossing the elastic member (20). The outer surface sheet (5) is formed such that, in the lateral direction (X) of the wearing article (1), the portion (52) thereof joined with the base sheet (48) and the portions (53) and (54) thereof positioned at the peripheral edge of the base sheet (48) having width dimensions (m) and (n) from both side edge parts (50) of the base sheet (48) thereto are not joined to the inner elastic member (20) and the surface sheet (4) and joined to the elastic member (20) and the inner surface sheet (4) on the outside of the peripheral edge portions (53) and (54).



(FIG. - 7)

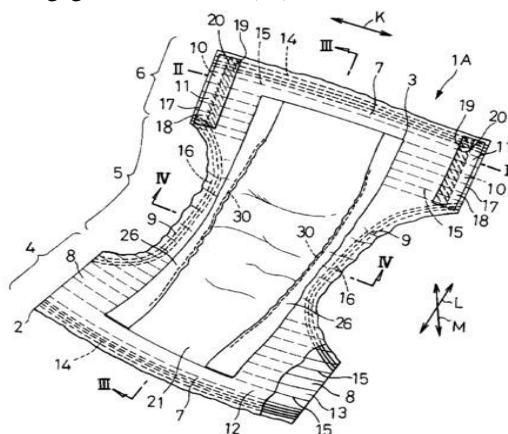
(12)	PATENT APPLICATION PUBLICATION			
(19)	INDIA	(21)	Application No.: 00412/KOLNP/2006	A
(22)	Date of filing of Application: 23/02/2006	(43)	Publication Date: 22/06/2007	

(54) Title of the invention: : **“DISPOSABLE WEARING ARTICLE”**

(51)	International classification	: A61F 13/62	(71)	Name of Applicant: UNI-CHARM CO., LTD.
(31)	Priority Document No	: 2003-207945 2004-219916		Address of the Applicant: 182 SHIMOBUN, KINSEI-CHO,
(32)	Priority Date	: 19/08/2003 28/07/2004		
(33)	Name of priority country	: JAPAN		
(86)	International Application No and Filing Date:	: PCT/JP2004/01193 2 19/08/2004	(72)	Name of the Inventor: 1.OTSUBO, TOSHIFUMI 2. SUGITO, TOMOKO
(87)	International Publication No	: WO 2005/016214 A1		
(61)	Patent of addition to Application No	: NIL		Filed U/S 5(2) before The Patents (Amendment) Ordinance, 2004: NO
	Filed on	: NIL		
(62)	Divisional to Application No	: NIL		
	Filed on	: NIL		

(57) Abstract:

A disposable wearing article (1A) capable of preventing a connection between front and rear body peripheral zones from being disconnected in use, comprising the front and rear body peripheral zones (4) and (6) and a crotch zone (5) positioned between the body peripheral zones (4) and (6), and engagement members (11) extending in the vertical direction which are fitted to the inner surfaces of both side parts (10) of the rear body peripheral zone (6). The engagement members (11) further comprise fixed parts (18) fixed to the side parts (10) of the rear body peripheral zone (6) and first free parts (19) extending from the fixed parts (18) to the lateral center of the rear body peripheral zone (6). Hooks (20) of mechanical fasteners are formed on the inner surfaces of the first free parts (19), and both side parts (10) of the rear body peripheral area (6) are disengageably fixed to the inner and outer surfaces of the front body peripheral zone (4) through the engagement members (11).



(FIG.1)

(12) **PATENT APPLICATION PUBLICATION**

(19) **INDIA**

(22) **Date of filing of Application: 23/02/2006**

(21) **Application No.: 00418/KOLNP/2006**

(43) **Publication Date: 22/06/2007**

A

(54) **Title of the invention:** : **PERMANENT MAGNET ASSEMBLY**

(51) **International classification** : **H01F**
(31) **Priority Document No** : **60/499,134**
(32) **Priority Date** : **29/08/2003**
(33) **Name of priority country** : **U.S.A**
(86) **International Application No and Filing Date:** : **PCT/US04/027748**
: **26/08/2004**
(87) **International Publication No** : **WO 2005/024857**
: **A2**
(61) **Patent of addition to Application No** : **NIL**
Filed on : **NIL**
(62) **Divisional to Application No** : **NIL**
Filed on : **NIL**

(71) **Name of Applicant:**
ASTRONAUTICS CORPORATION

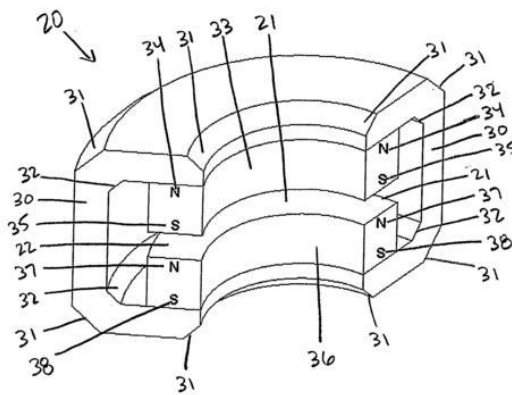
Address of the Applicant: 4115 N.
TEUTONIA AVENUE, MILWAUKEE WI
53209 U.S.A

(72) **Name of the Inventor: CHELL, JEREMY,**

Filed U/S 5(2) before The
Patents (Amendment)
Ordinance, 2004: NO

(57) Abstract:

A permanent magnet assembly is disclosed that is adapted to provide a magnetic field across an arc-shaped gap. Such a permanent magnet assembly can be used, for example, to provide a time-varying magnetic field to an annular region.



(FIG.1)

(12) PATENT APPLICATION PUBLICATION**(19) INDIA****(22) Date of filing of Application:** 24/02/2006**(21) Application No.:** 00424/KOLNP/2006**A****(43) Publication Date:** 22/06/2007**(54) Title of the invention:** (THIO) CARBAMOYL-CYCLOHEXANE DERIVATIVES AS D₃/D₂ RECEPTOR ANTAGONISTS

(51) International classification : C07D 243/08,
295/12, 295/14,
401/12, A61K
31/495, A61P 25/00

(31) Priority Document No : P0302451

(32) Priority Date : 04/08/2003

(33) Name of priority country : HUNGARY

(86) International Application No and Filing Date : PCT/HU04/000056
: & 21/05/2004

(87) International Publication No : WO 05/012266

(61) Patent of addition to Application No Filed on : NA
: NA

(62) Divisional to Application No Filed on : NA
: NA

(71) Name of Applicant:
RICHTER GEDEON VEGYESZETI GYAR RT.,

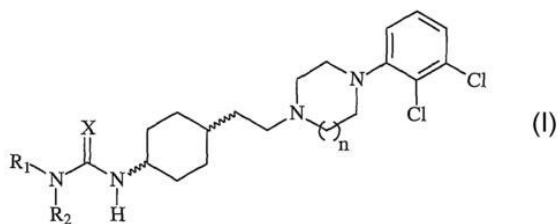
Address of the Applicant:GYOMROI UT 19-21, H-1103, BUDAPEST,
HUNGARY.

(72) Name of the Inventor:
AGAI, CSONGOR, EVA
GALAMBOS, JANOS
NOGRADI, KATALIN
VAGO, ISTVAN
GYERTYAN, ISTVAN
KISS, BELA
LASZLOVSZKY, ISTVAN
LASXY, JUDIT
SAGHY, KATALIN

**Filed U/S 5(2) before The Patents (Amendment)
Act, 2005:** NO

(57) Abstract:

The present invention relates to new D₃ and D₂ dopamine receptor subtype preferring ligands of formula (I): wherein R₁ and R₂ represent independently a substituent selected from hydrogen, alkyl, aryl, cycloalkyl, aroyl, or R₁ and R₂ may form a heterocyclic ring with the adjacent nitrogen atom; X represents an oxygen or sulphur atom; n is an integer of from 1 to 2, and/or geometric isomers and/or stereoisomers and/or diastereomers and/or salts and/or hydrates and/or solvates thereof, to the processes for producing the same, to pharmaceutical compositions containing the same and to their use in therapy and/or prevention of a condition which requires modulation of dopamine receptors.



(FIG). 1

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application: 24/02/2006

(21) Application No.: 00425/KOLNP/2006

A

(43) Publication Date: 22/06/2007

(54) Title of the invention: WRITE-ONCE OPTICAL DISC AND METHOD AND APPARATUS FOR RECORDING/REPRODUCING MANAGEMENT INFORMATION ON/FROM OPTICAL DISC

(51) International classification : G11B 7/00,20/10
(31) Priority Document No : 10-2003-0054165
(32) Priority Date : 05/08/2003
(33) Name of priority country : KR
(86) International Application No and Filing Date : PCT/KR04/001964 : 04/08/2004
(87) International Publication No : WO 05/013265 A1
(61) Patent of addition to Application No : NIL
Filed on : N.A.
(62) Divisional to Application No : NIL
Filed on : N.A.

(71) Name of Applicant:
LG ELECTRONICS INC

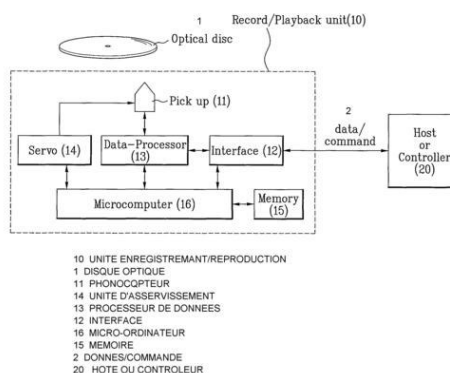
Address of the Applicant:
20 YOIDO-DONG YOUNGDUNGPO-GU SEOUL
150-721 REPUBLIC OF KOREA

(72) Name of the Inventor:
PARK YONG CHEOL

Filed U/S 5(2) before The Patents (Amendment)
Act, 2005: NO

(57) Abstract:

A write-once optical disc and a method and apparatus for recording management information on the optical disc are provided. The optical disc includes at least one recording layer and a plurality of temporary defect management areas (TDMAs) on the at least one recording layer. At least one of the TDMAs includes an indicator indicating which one of the TDMAs has an in-use status.



(FIG. -15)

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application: 24/02/2006

(21) Application No.: 00426/KOLNP/2006

A

(43) Publication Date: 22/06/2007

(54) Title of the invention: DEVICES FOR REPLACING POSTERIOR ELEMENTS OF THE SPINE

(51) International classification : A61F 2/44
(31) Priority Document No : 10/635,622
(32) Priority Date : 05/08/2003
(33) Name of priority country : US
(86) International Application No and Filing Date : PCT/US04/025402 : 06/08/2004
(87) International Publication No : WO 05/013864
(61) Patent of addition to Application No : NIL
Filed on : N.A.
(62) Divisional to Application No : NIL
Filed on : N.A.

(71) Name of Applicant:
SDGI HOLDINGS INC

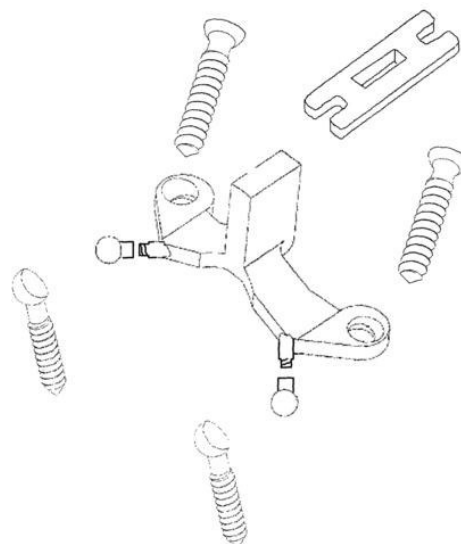
Address of the Applicant:
300 DELWARE AVENUE SUITE 08
WILMINGTON DE 19801 USA

(72) Name of the Inventor:
BERRY BRET M

Filed U/S 5(2) before The Patents (Amendment)
Act, 2005: NO

(57) Abstract:

A prosthetic device for interposition in a space left by one or more excised vertebral posterior structures. The prosthetic device comprises a lamina bridge having an inferior portion for replacing an excised lamina; at least one inferior facet replacement device, connected to the inferior portion of the lamina bridge, to replace an excised inferior articular process; and at least one superior facet replacement device to replace an excised superior articular process. The at least one superior facet replacement device articulates with the at least one inferior facet replacement device.



(FIG. - 2)

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application: 24/02/2006

(21) Application No.: 00428/KOLNP/2006

A

(43) Publication Date: 22/06/2007

(54) Title of the invention: **WRITRE-ONCE OPTICAL DISC AND METHOD AND APPARATUS FOR RECORDING/PLAYBACK MANAGEMENT INFORMATION ON/FROM OPTICAL DISC**

(51) International classification : G11B 7/00,20/10
(31) Priority Document No : 10-2003-0054165
(32) Priority Date : 05/08/2003
(33) Name of priority country : KR
(86) International Application No and Filing Date : PCT/KR04/001965 : 04/08/2004
(87) International Publication No : WO 05/013266 A1
(61) Patent of addition to Application No : NIL
Filed on : N.A.
(62) Divisional to Application No : NIL
Filed on : N.A.

(71) Name of Applicant:
LG ELECTRONICS INC

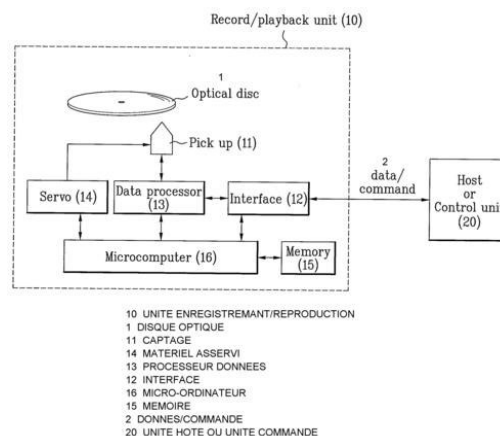
Address of the Applicant:
20 YOIDO-DONG YOUNGDUNGPO-GU SEOUL
150-721 REPUBLIC OF KOREA

(72) Name of the Inventor:
4 PARK YONG CHEOL

Filed U/S 5(2) before The Patents (Amendment) Act, 2005: NO

(57) Abstract:

A write-once optical disc, and an apparatus and method for recording management information on the optical disc are provided. The disc includes at least one recording layer, a plurality of temporary defect management areas (TDMAs) on the at least one recording layer, and a plurality of defect management areas (DMAs) on the at least one recording layer. At least one of the TDMAs includes first and second indicators. The first indicator indicates which TDMA is an in-use TDMA, and the second indicator indicates whether or not the recording medium is closed.



(FIG. - 7)

(12) PATENT APPLICATION PUBLICATION			
(19) INDIA		(21) Application No.: 00430/KOLNP/2006	A
(22) Date of filing of Application: 24/02/2006		(43) Publication Date: 22/06/2007	

(54) Title of the invention:	: NOVEL DEVICE		
(51) International classification	: B65D 51/00, 39/00	(71) Name of Applicant:	GLAXOSMITHKLINE BIOLOGICALS S.A
(31) Priority Document No	: 0318242.5	Address of the Applicant:	RUE DE L' INSTITUTE 89, B-1330 RIXENSART BELGIUM
(32) Priority Date	: 04/08/2003		
(33) Name of priority country	: GB		
(86) International Application No and Filing Date:	: PCT/EP2004/008703 02/08/2004	(72) Name of the Inventor:	I. THILLY, JACQUES II. VANDECASSERIE, CHRISTAIN
(87) International Publication No	: WO 2005/014419 A1		
(61) Patent of addition to Application No	: NIL		
Filed on	: NIL		
(62) Divisional to Application No	: NIL	Filed U/S 5(2) before The Patents (Amendment) Ordinance, 2004:	NO
Filed on	: NIL		

(57) Abstract:

A novel elastomer material having an absorption coefficient for laser light of 0.5 - 2.5 mm⁻¹, preferably being a base thermoplastic elastomer compounded with a colourant which comprises a Pantone 4597C pigment mixed with a carrier material. The elastomer is suited for use as a pharmaceutical vial closure which can be punctured by a filling needle and the puncture hole heat sealed by a focused laser.

(FIG.Nil)

(12) PATENT APPLICATION PUBLICATION**(19) INDIA****(22) Date of filing of Application: 24/02/2006****(21) Application No.: 00433/KOLNP/2006****A****(43) Publication Date: 22/06/2007****(54) Title of the invention: FLUORINATED DYES OR COLORANTS AND THEIR USES**

(51) International classification : C09B	(71) Name of Applicant: SIPIX IMAGING INC
(31) Priority Document No : 60/493,703	
(32) Priority Date : 08/08/2003	
(33) Name of priority country : US	Address of the Applicant: 47485 SEABRIDGE DRIVE FREMONT CA 94538 USA
(86) International Application No and Filing Date : PCT/US04/024932 : 30/07/2004	
(87) International Publication No : WO 05/017046 A2	
(61) Patent of addition to Application No : NIL	(72) Name of the Inventor:
Filed on : N.A.	• YANG JIN • LI YING-SYI • WANG HONG • FENG KAI-CHIA • ZANG HONGMEI • CHOU CHIEN-HUNG
(62) Divisional to Application No : NIL	
Filed on : N.A.	
	Filed U/S 5(2) before The Patents (Amendment) Act, 2005: NO

(57) Abstract:

This invention relates to novel fluorinated dyes or colorants having high solubility and low viscosity in halogenated, especially fluorinated, solvents. The dyes or colorants of the present invention have shown to improve the performance of electrophoretic displays.

(FIG. - nil)

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application: 27/02/2006

(21) Application No.: 00444/KOLNP/2006

A

(43) Publication Date: 22/06/2007

(54) Title of the invention: APPARATUS FOR MANUFACTURING COMPACTED IRONS OR REDUCED MATERIALS COMPRISING FINE DIRECT REDUCED IRONS AND APPARATUS FOR MANUFACTURING MOLTEN IRONS USING THE SAME

(51) International classification : C21B 13/00
(31) Priority Document No : 10-2004-0083446
(32) Priority Date : 19/10/2004
(33) Name of priority country : KR
(86) International Application No and Filing Date : PCT/KR05/003465 : 18/10/2005
(87) International Publication No : WO 06/043770
(61) Patent of addition to Application No : NIL
Filed on : N.A.
(62) Divisional to Application No : NIL
Filed on : N.A.

(71) Name of Applicant:
POSCO

Address of the Applicant:

1 GOEDONG-DONG NAM-KU POHANG-SHI
DYUNGSANGBUK-DO REPUBLIC OF KOREA

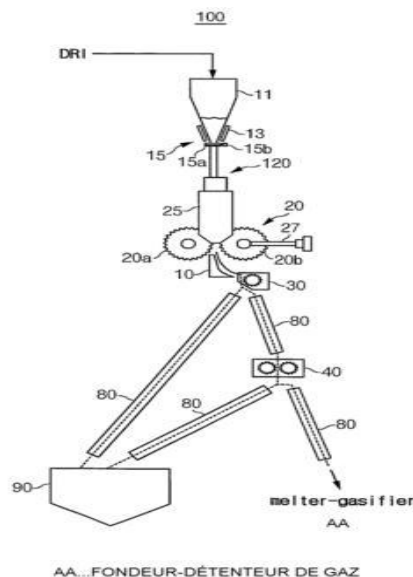
(72) Name of the Inventor:

1. LEE KWANG HEE
2. SHIN SUNG KEE
3. PARK MIN CHUL
4. JOO SANG HOON
5. KIM DEUK CHAE
6. BANG SOO YOUNG
7. CHOI KWANG-SOO
8. CHO IL-HYUN
9. CHOI SEUNG-HO
10. KIM MYUNG SIK
11. CHOI CHING WON

Filed U/S 5(2) before The Patents (Amendment)
Act, 2005: NO

(57) Abstract:

The present invention relates to an apparatus for manufacturing compacted irons of the reduced materials containing fine reduce irons and an apparatus for manufacturing molten irons provided with the same. The apparatus for manufacturing compacted irons according to the present invention includes a couple of rollers for compacting reduced materials containing fine reduced irons and manufacturing compacted irons, a guide chute for guiding compacted irons which are discharged from the couple of rollers; and crushers for crushing compacted irons which are guided into the guide chute. A guiding surface of the guide chute, which guides the compacted irons, includes a straight slanted surface and a curved slanted surface.



(FIG. - 1)

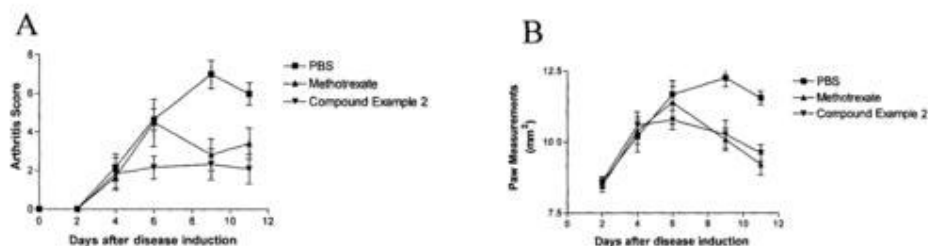
(12)	PATENT APPLICATION PUBLICATION		
(19)	INDIA	(21)	Application No.: 00446/KOLNP/2006
(22)	Date of filing of Application: 27/02/2006	(43)	Publication Date: 22/06/2007

(54) **Title of the invention:** : **“INHIBITORS OF SEMICARBAZIDE-SENSITIVE AMINE OXIDASE (SSAO) AND VAP-1 MEDIATED ADHESION USEFUL FOR TREATMENT OF DISEASES”**

(51)	International classification	: C07C 243/18, 243/16, 239/08, 161K 31/15	(71)	Name of Applicant: LA JOLLA PHARMACEUTICAL CO.
(31)	Priority Document No	: 60/493,835 60/502,401 60/568,999		Address of the Applicant: 6455, NANCY RIDGE DRIVE, SUITE 300, SAN DIEGO, CA 92121 U.S.A
(32)	Priority Date	: 08/08/2003 12/09/2003 06/05/2004	(72)	Name of the Inventor:
(33)	Name of priority country	: U.S.A	I.	SALTER-CID, LUISA MARIA
(86)	International Application No and Filing Date:	: PCT/US2004/02569 9 06/08/2004	II.	II. WANG, ERIC YANJUN
(87)	International Publication No	: WO 2005/014530 A3	III.	COCKERILL, KEITH
(61)	Patent of addition to Application No	: NIL	IV.	LINNIK, MATHEW D.
	Filed on	: NIL	V.	VICTORIA, EDWARD J.
(62)	Divisional to Application No	: NIL		Filed U/S 5(2) before The Patents (Amendment) Ordinance, 2004: NO
	Filed on	: NIL		

(57) Abstract:

Compositions and methods of using compositions for treatment of inflammatory diseases and immune disorders are provided. Allylhydrazine compounds, hydroxylamine (aminooxy) compounds, and other compounds are disclosed which are inhibitors of semicarbazide-sensitive amine oxidase (SSAO) and/or vascular adhesion protein 1 (VAP-1). The compounds have therapeutic utility in suppressing inflammation and inflammatory responses, and in treatment of several disorders, including multiple sclerosis.



(FIG.1A,B)

(12)	PATENT APPLICATION PUBLICATION			
(19)	INDIA	(21)	Application No.: 00447/KOLNP/2006	A
(22)	Date of filing of Application: 27/02/2006	(43)	Publication Date: 22/06/2007	

(54) **Title of the invention:** : **DIENE-BIS-AQUO-RHODIUM (I) COMPLEXES, PROCESS FOR PREPARING THEM AND THEIR USE**

(51)	International classification	: B01J 31/22, 37/30, C07F 15/00	(71)	Name of Applicant: UMICORE AG & CO. KG
(31)	Priority Document No	: 10339790.6		
(32)	Priority Date	: 28/08/2003		Address of the Applicant: RODENBACHER CHAUSSEE
(33)	Name of priority country	: GERMANY		4 63457 HANAU GERMANY
(86)	International Application No and Filing Date:	: PCT/EP/2004/0089 64 10/08/2004	(72)	Name of the Inventor: 1. RIVAS-NASS, ANDREAS
(87)	International Publication No	: WO 2005/021153 A3		2. PETER, GERHARD
(61)	Patent of addition to Application No	: NIL		3.WIDMER, JURGEN
	Filed on	: NIL		4. BRIEL, OLIVER
(62)	Divisional to Application No	: NIL		5.KARCH, RALF
	Filed on	: NIL		Filed U/S 5(2) before The Patents (Amendment) Ordinance, 2004: NO

(57) Abstract:

Diene-bis-aquo-rhodium(I) complex of the general formula $[\text{Rh}(\text{diene})(\text{H}_2\text{O})_2]\text{X}$ where diene is a cyclic diene and X is a noncoordinating anion.

(FIG.nil)

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application: 27/02/2006

(21) Application No.: 00449/KOLNP/2006

A

(43) Publication Date: 22/06/2007

(54) Title of the invention: METHODS OF TREATING OR PREVENTING AUTOIMMUNE DISEASES WITH 2,4-PYRIMIDINEDIAMINE COMPOUNDS

(51) International classification : C07D 239/00
(31) Priority Document No : 60/491,641
(32) Priority Date : 30/7/2003
(33) Name of priority country : US
(86) International Application No and Filing Date : PCT/US04/024716 : 30/07/2004
(87) International Publication No : WO 05/016893 A2
(61) Patent of addition to Application No : NIL
Filed on : N.A.
(62) Divisional to Application No : NIL
Filed on : N.A.

(71) Name of Applicant:
RIGEL PHARMACEUTICALS INC

Address of the Applicant:
1180 VETERANS BOULEVARD SOUTH SAN
FRANCISCO CA 94080 USA

(72) Name of the Inventor:
1 RAJINDER SINGH
2 ANKUSH ARGADE
3 LI HUI
4 BHAMIDIPATI SOMSSEKHAR
5 CARROL DAVID SYLVATIN
CATHERINE
6 SLOUGH JEFFREY
7 KEIM HOLGER

Filed U/S 5(2) before The Patents (Amendment)
Act, 2005: NO

(57) Abstract:

The present invention provides methods of treating or preventing autoimmune diseases with 2,4-pyrimidinediamine compounds, as well as methods of treating, preventing or ameliorating symptoms associated with such diseases. Specific examples of autoimmune diseases that can be treated or prevented with the compounds include rheumatoid arthritis and/or its associated symptoms, systemic lupus erythematosus and/or its associated symptoms and multiple sclerosis and/or its associated symptoms.

(FIG. -Nil)

(12)	PATENT APPLICATION PUBLICATION		
(19)	INDIA	(21)	Application No.: 00492/KOLNP/2006
(22)	Date of filing of Application: 02/03/2006	(43)	Publication Date: 22/06/2007

(54)	Title of the invention:	: CYANOACRYLATE MONOMER FORMULATION CONTAINING DIIDOMETHYL-P-TOLYLSULFONE	
(51)	International classification	: A61L 24/06	(71) Name of Applicant: ETHICON, INC
(31)	Priority Document No	: 60/501,100	Address of the Applicant:
(32)	Priority Date	: 08/09/2003	U.S. ROUTE 22, SOMERVILLE, NJ 08876-
(33)	Name of priority country	: U.S.A	0151 U.S.A
(86)	International Application No and Filing Date:	: PCT/US2004/02654 4 16/08/2004	(72) Name of the Inventor:
(87)	International Publication No	: WO 2005/025629 A1	1.BINOY K. BORDOLOI 2. SHUBHA
(61)	Patent of addition to Application No	: NIL	Filed U/S 5(2) before The Patents (Amendment) Ordinance, 2004: NO
	Filed on	: NIL	
(62)	Divisional to Application No	: NIL	
	Filed on	: NIL	

(57) Abstract:

A polymerizable antimicrobial formulation for forming a wound closure adhesive comprising cyanoacrylate monomer and diiodomethyl-p-tolylsulfone; and a method for closing the approximated edges of a wound with a polymeric film that substantially inhibits the growth of microorganisms, where the polymeric film is formed by use of the polymerizable antimicrobial formulation.

(FIG.nil)

(12)	PATENT APPLICATION PUBLICATION			
(19)	INDIA	(21)	Application No.: 00518/KOLNP/2006	A
(22)	Date of filing of Application: 06/03/2006	(43)	Publication Date: 22/06/2007	

(54) **Title of the invention:** : **“SYSTEM AND METHODS FOR PRODUCING FLUOROCARBONS”**

(51)	International classification	: CO7C 19/08, 19/10,21/18	(71)	Name of Applicant: GREAT LAKES CHEMICAL CORPORATION
(31)	Priority Document No	: 10/641,527		
(32)	Priority Date	: 13/08/2003		
(33)	Name of priority country	: U.S.A		Address of the Applicant: ONE GREAT LAKES BOULEVARD, WEST LAFAYETTE, IN 47906, U.S.A
(86)	International Application No and Filing Date:	: PCT/US2004/23917 22/07/2004		
(87)	International Publication No	: WO 2005/019142 A1	(72)	Name of the Inventor: 1. HEDRICK VICKI 2. BOGGS JANET 3. BRANDSTADTER STEPHAN 4. COHN MITCHEL
(61)	Patent of addition to Application No	: NIL		
	Filed on	: NIL		
(62)	Divisional to Application No	: NIL		Filed U/S 5(2) before The Patents (Amendment) Ordinance, 2004: NO
	Filed on	: NIL		

(57) Abstract:

Systems and methods for producing fluorocarbons are provided that include contacting a saturated halogenated fluorocarbon with hydrogen and catalyst to produce a saturated hydrofluorocarbon and an unsaturated fluorocarbon. Aspects of the present invention describe systems and methods for contacting saturated halogenated fluorocarbons such as $\text{CF}_3\text{CClFCF}_3$ and/or $\text{CF}_3\text{CCl}_2\text{CF}_3$ with hydrogen and catalyst. Systems and methods of the present invention also describe contacting saturated halogenated fluorocarbons with catalysts having one or more of K, Zr, Na, Ni, Cu, Ni, Zn, Fe, Mn, Co, Ti, and Pd. Aspects of the present invention also describe contacting saturated halogenated fluorocarbons with hydrogen under pressure. Saturated hydrofluorocarbons and unsaturated fluorocarbons produced in accordance with the systems and methods of the present invention can include one or more of $\text{CF}_3\text{CFHCF}_3$, $\text{CF}_3\text{CH}_2\text{CF}_3$, $\text{CF}_3\text{CHClCF}_3$, $\text{CF}_3\text{CF}=\text{CF}_2$, $\text{CF}_3\text{CH}=\text{CF}_2$, and $\text{CF}_3\text{CCl}=\text{CF}_2$.

(FIG.Nil)

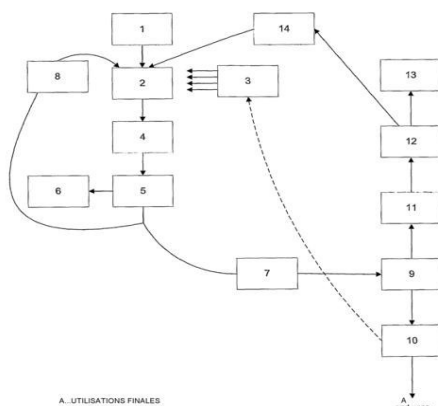
(12)	PATENT APPLICATION PUBLICATION		
(19)	INDIA	(21)	Application No.: 00536/KOLNP/2006
(22)	Date of filing of Application: 07/03/2006	(43)	Publication Date: 22/06/2007

(54) **Title of the invention:** : **“SOLVENTS FOR USE IN THE TREATMENT OF LIGNIN-CONTAINING MATERIALS”**

(51)	International classification	: D21C 3/04	(71)	Name of Applicant: VIRIDIAN CHEMICAL PTY LTD.
(31)	Priority Document No	: 2003904323		Address of the Applicant: UNIT 12, 193 DOMAIN ROAD, SOUTH YARRA, VIC 3141, AUSTRALIA
(32)	Priority Date	: 13/08/2003		
(33)	Name of priority country	: AUSTRALIA		
(86)	International Application No and Filing Date:	: PCT/AU2004/0010 93 13/08/2004	(72)	Name of the Inventor: 1. UPEAL JONATHAN 2. MACFARLANE DOUGLAS ROBERT 3. FORSYTH STUART ALEXANDER
(87)	International Publication No	: WO 2005/017252 A1		
(61)	Patent of addition to Application No	: NIL		Filed U/S 5(2) before The Patents (Amendment) Ordinance, 2004: NO
	Filed on	: NIL		
(62)	Divisional to Application No	: NIL		
	Filed on	: NIL		

(57) Abstract:

A method for the treatment of a lignin-containing material such as wood pulp, bagasse and other plant-derived materials, comprising contacting the lignin-containing material with an ionic liquid to extract the lignin therefrom. The ionic liquid is suitably a substituted or unsubstituted imidazolium, triazolium, pyrazolium, pyridinium, pyrrolidinium, piperidinium, ammonium, phosphonium or sulfonium salt of a substituted or unsubstituted aryl sulfonate, such as an ionic liquid salt of a xylene sulfonate.

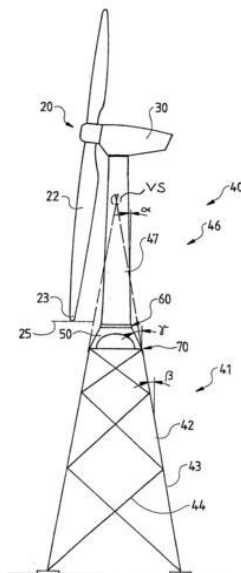


(FIG. 1)

(12) PATENT APPLICATION PUBLICATION			
(19)	INDIA	(21)	Application No.: 00640/KOLNP/2006
(22)	Date of filing of Application: 20/03/2006	(43)	Publication Date: 22/06/2007
(54)	Title of the invention:	: TOWER FOR WIND ENERGY PLANT	
(51)	International classification	: E04H 12/08, F03D 11/04	(71) Name of Applicant: REPOWER SYSTEMS AG
(31)	Priority Document No	: 103 39 438.9	Address of the Applicant: ALSTERKRUGCHAUSSEE 378 22335 HAMBURG GERMANY
(32)	Priority Date	: 25/08/2003	
(33)	Name of priority country	: GERMANY	
(86)	International Application No and Filing Date:	: PCT/EP2004/00948 6 25/08/2004	(72) Name of the Inventor: 1. ROLAND WEITKAMP 2. UWE HINZ 3. STEPHAN SCHAFFER
(87)	International Publication No	: WO 2005/021897 A1	
(61)	Patent of addition to Application No	: NIL	
	Filed on	: NIL	Filed U/S 5(2) before The Patents (Amendment) Ordinance, 2004: NO
(62)	Divisional to Application No	: NIL	
	Filed on	: NIL	

(57) Abstract:

Tower for wind energy plant, that comprises of a machine car arranged on the tower and a rotor supported as a pivot on the machine car around an almost horizontal axis, that has at least one rotor blade with an upper, pipe-shaped tower section that is joined in a transition region to a lower tower section designed as grid tower, whereby the grid tower has at least three corner poles, whereby the upper tower section forms at least one-sixth of the total tower, the cross-section of the lower tower section below the transition region is greater than the cross-section of the upper tower section, and the transition region is designed in such a way, that a force-flow-optimized adaptation of the cross-section of the lower tower section to the cross-section of the upper tower section takes place.



(FIG.2)

(12) **PATENT APPLICATION PUBLICATION**

(19) **INDIA**

(22) **Date of filing of Application: 30/03/2006**

(21) **Application No.: 00768/KOLNP/2006**

(43) **Publication Date: 22/06/2007**

A

(54) **Title of the invention:** : **MINERAL FIBER-BASED INSULATING PANEL, PRODUCTION METHOD THEREOF AND USE OF SAME**

(51) **International classification** : **F04B 1/80, D04H 13/00, B32B 5/26, 5/28**

(31) **Priority Document No** : **M1 2003A 001877**

(32) **Priority Date** : **30/09/2003**

(33) **Name of priority country** : **ITALY**

(86) **International Application No and Filing Date:** : **PCT/FR2004/0024 87**
30/09/2004

(87) **International Publication No** : **WO 2005/032811 A3**

(61) **Patent of addition to Application No** : **NIL**

Filed on : **NIL**

(62) **Divisional to Application No** : **NIL**

Filed on : **NIL**

(71) **Name of Applicant: SAINT-GOBAIN ISOVER**

Address of the Applicant:

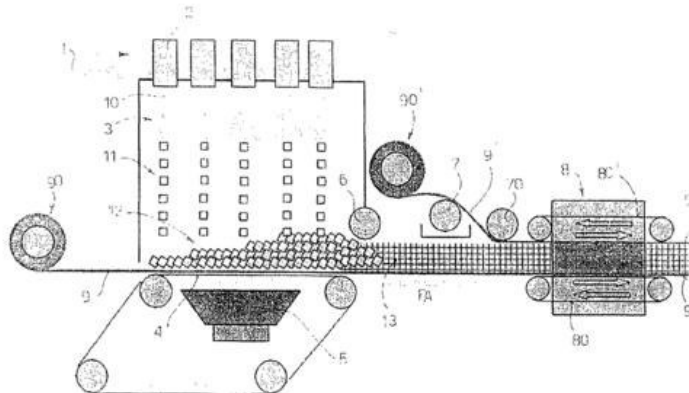
LES MIROIRS,, 18 AVNUE D' ALSACE F-92400 COURBEVOIE FRANCE

(72) **Name of the Inventor: 1.FERRI, ENRICO**
2. MAZZOLENI, SERGIO
3. VALOTA, FRANCO

Filed U/S 5(2) before The Patents (Amendment) Ordinance, 2004: NO

(57) Abstract:

The invention relates to an insulating panel which is used as lagging for an electrical apparatus and which is based on mineral fibres, particularly glass fibres. The invention also relates to a method of producing one such panel. The inventive panel comprises a core (13; 113) of interconnected mineral fibres and a coating layer (9, 9') which is applied to at least one face of the mineral fibre core (13; 113). The coating layer (9; 9') comprises a non-woven fabric, a glass fabric or a glass mat and is connected to the mineral fibre core using a mineral chemical binder or a mechanical connection.



(FIG.1)

(12) **PATENT APPLICATION PUBLICATION**

(19) **INDIA**

(22) **Date of filing of Application: 08/12/2005**

(21) **Application No.: 02542/KOLNP/2005**

(43) **Publication Date: 22/06/2007**

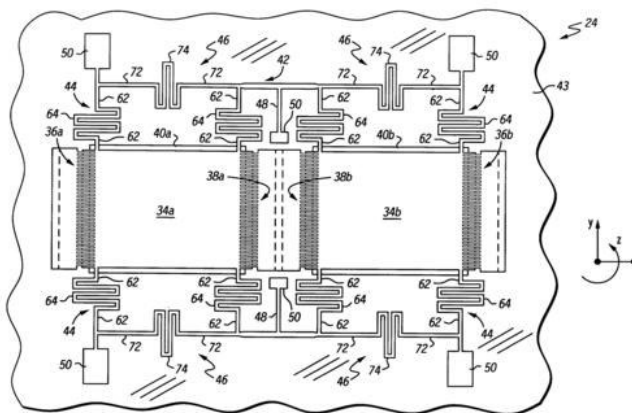
A

(54) **Title of the invention:** : **“FLEXIBLE VIBRATORY MICRO-ELECTROMECHANICAL DEVICE”**

(51) International classification	: G01P 9/04	(71) Name of Applicant: MOTOROLA, INC.
(31) Priority Document No	: 10/630,044	Address of the Applicant: 1303, EAST ALGONQUIN ROAD, SCHAUMBURG, IL 60196, U.S.A
(32) Priority Date	: 30/07/2003	
(33) Name of priority country	: U.S.A	
(86) International Application No and Filing Date:	: PCT/US2004/01692 8 28/05/2004	(72) Name of the Inventor: CHIOU JEN-HUANG ALBERT
(87) International Publication No	: WO 2005/017445 A3	Filed U/S 5(2) before The Patents (Amendment) Ordinance, 2004: NO
(61) Patent of addition to Application No	: NIL	
Filed on	: NIL	
(62) Divisional to Application No	: NIL	
Filed on	: NIL	

(57) **Abstract:**

There is a sensor element (24) for an electronic sensor device (20). The sensor element (24) may have a substrate (43), a pair of proof masses (34a, 34b), a set of drive beams (44), and at least one base beam (46). The pair of proof masses (34a, 34b) are suspended above the substrate (43) and attached to the substrate (43) at fixed anchor points (50). The set of drive beams (44) are positioned between the proof masses (34a, 34b) and the anchor points (50). Each drive beam (44) has a first longitudinal body portion (62) that extends in a first direction and a first flexible spring member (64) that extends along a second direction. The base beam (46) interconnects the set of drive beams (44) and has a second longitudinal body portion (72) and a second flexible spring member (74). The second longitudinal body portion (72) extends along the second direction and the second flexible spring member (74) extends along the first direction. The first and second flexible spring members (64, 74) may be serpentine in shape, such as folded beam-columns or wrinkle springs.



(FIG.2)

(12) PATENT APPLICATION PUBLICATION

(21) Application No.295/KOL/2006 A

(19) INDIA

(22) Date of filing of Application :03/04/2006

(43) Publication Date :

(54) Title of the invention : "BLOOMING TYPE, HARD SURFACE CLEANING/DISINFECTING COMPOSITIONS"

(51) International classification	:C11D1/00
(31) Priority Document No	:9516072.7
(32) Priority Date	:04/08/1995
(33) Name of priority country	:U.K.
(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 to Application Number	:1376/CAL/1996
Filing Date	:01/08/1996

(71)**Name of Applicant :**
1)RECKITT BENCKISER INC.
Address of Applicant :1655 VALLEY ROAD WAYNE, NEW
JERSEY 07474 U.S.A.
(72)**Name of Inventor :**
1)ALAN FRANCIS RICHTER
2)FREDERIC ALBERT TARASCHI

(57) Abstract :

The present invention discloses an aqueous blooming type, hard surface cleaning composition concentrate comprises a blooming system comprising one or more nonionic surfactants which are characterized in exhibiting a cloud point of 20°C or less in water.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.296/KOL/2006 A

(19) INDIA

(22) Date of filing of Application :03/04/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : PROCESS FOR THE PREPARATION OF KETONES BY OZONOLYSIS

(51) International classification	:C07C45/40	(71)Name of Applicant :
(31) Priority Document No	:10 2005	1)SYMRISE GMBH & CO. KG
(32) Priority Date	015 590.1	Address of Applicant :MUHLENFELDSTRASSE 1 37603
(33) Name of priority country	:05/04/2005	HOLZMINDEN Germany
(86) International Application No	:Germany	(72)Name of Inventor :
Filing Date	:NA	1)NOBIS MARKUS
(87) International Publication No	:NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

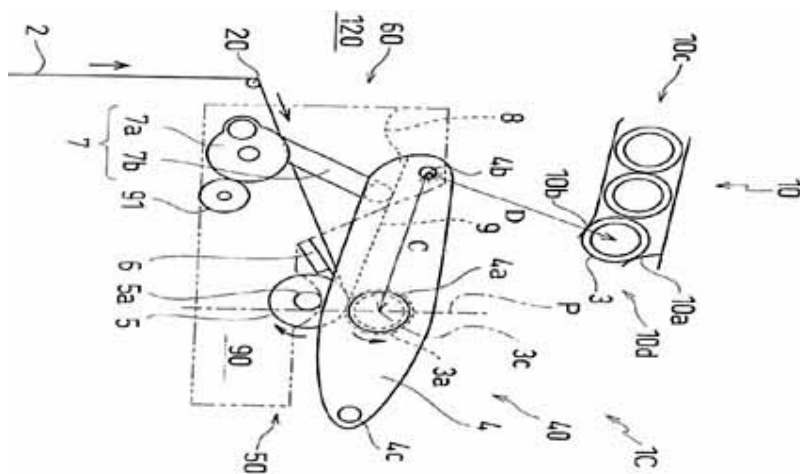
The invention relates to a process for the preparation of a ketone from a tertiary alcohol having a double bond in the alpha position, comprising the steps: a) provision of the alcohol, b) treatment of the alcohol with ozone in the presence of an inorganic base.

(54) Title of the invention : TEXTILE MACHINERY

(51) International classification	:D01H 1/00	(71)Name of Applicant :
(31) Priority Document No	:2005-108479	1)TMT MACHINERY, INC.
(32) Priority Date	:05/04/2005	Address of Applicant :6th FLOOR, OSAKA GREEN BLDG, 2-6-26
(33) Name of priority country	:Japan	KITAHAMA, CHUO-KU, OSAKA-SHI, OSAKA 541-0041 Japan
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)YAMAMOTO MASATO
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A false-twist draw-texturing machine as a textile machine has winding part 1C having automatic doffing device 60. In this false-twist draw-texturing machine, a traverse device 6 for traversing a yarn when the yarn is wound, a cradle lifting part 7 for rotatively moving a cradle 40, and a pair of the ejecting concave portions 8 for extracting a full winding package 3b are disposed closer to the work passage 120 than the center of rotation 3c of a winding tube 3 at winding. Rolling guide surfaces 9 are provided on surfaces facing each other of a pair of the cradle arms 4 forming the cradle 40, and due to the rolling guide surfaces 9, the full winding package 3b is rolled from its winding position to the ejecting concave portions 8.

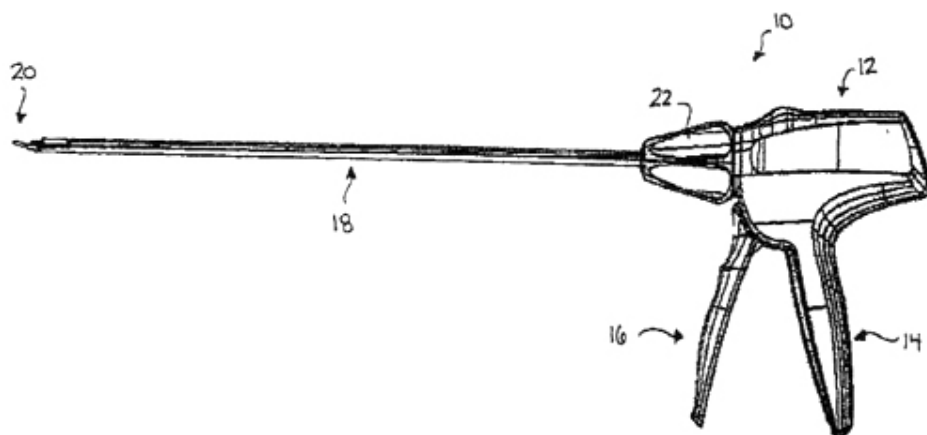


(54) Title of the invention : FORCE LIMITING MECHANISM FOR MEDICAL INSTRUMENT

(51) International classification	:A61B17/12	(71)Name of Applicant :
(31) Priority Document No	:10/907764	1)ETHICON ENDO-SURGERY, INC
(32) Priority Date	:14/04/2005	Address of Applicant :4545 CREEK ROAD, CINCINNATI, OH,
(33) Name of priority country	:U.S.A.	OHIO CORPORATION U.S.A.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)THOMAS W. HUITEMA
(87) International Publication No	: NA	2)BRIAN D. BERTKE
(61) Patent of Addition to Application Number	:NA	3)ROBERT L. KOCH JR.
Filing Date	:NA	4)DARIO VITALI
(62) Divisional to to Application Number	:NA	5)NICHOLAS G. MOLITOR
Filing Date	:NA	

(57) Abstract :

A surgical clip applier and methods for applying surgical clips to a vessel, duct, shunt, etc., during a surgical procedure are provided. In one exemplary embodiment, a surgical clip applier is provided having a housing with a trigger movably coupled thereto and an elongate shaft extending therefrom with opposed jaws formed on a distal end thereof. The trigger is adapted to advance a clip to position the clip between the jaws, and to move the jaws from an open position to a closed position to crimp the clip positioned therebetween.

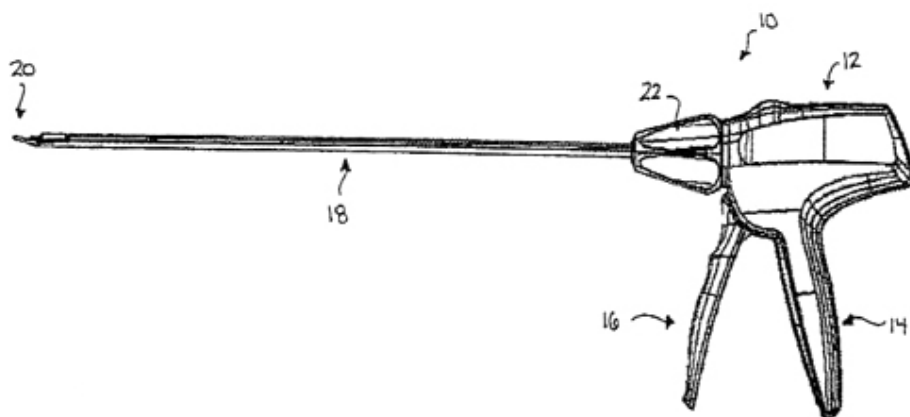


(54) Title of the invention : SURGICAL CLIP ADVANCEMENT MECHANISM

(51) International classification	:A61B17/00	(71)Name of Applicant :
(31) Priority Document No	:10/907765	1)ETHICON ENDO-SURGERY, INC.
(32) Priority Date	:14/04/2005	Address of Applicant :4545 CREEK ROAD, CINCINNATI, OH,
(33) Name of priority country	:U.S.A.	OHIO CORPORATION, U.S.A.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)NICHOLAS G. MOLITOR
(87) International Publication No	: NA	2)DARIO VITALI
(61) Patent of Addition to Application Number	:NA	3)ROBERT L KOCH JR.
Filing Date	:NA	4)THOMAS W HUITEMA
(62) Divisional to to Application Number	:NA	5)KEVIN A. LARSON
Filing Date	:NA	6)RICHARD P. FUCHS

(57) Abstract :

A surgical clip applier and methods for applying surgical clips to a vessel, duct, shunt, etc., during a surgical procedure are provided. In one exemplary embodiment, a surgical clip applier is provided having a housing with a trigger movably coupled thereto and an elongate shaft extending therefrom with opposed jaws formed on a distal end thereof. The trigger is adapted to advance a clip to position the clip between the jaws, and to move the jaws from an open position to a closed position to crimp the clip positioned therebetween.



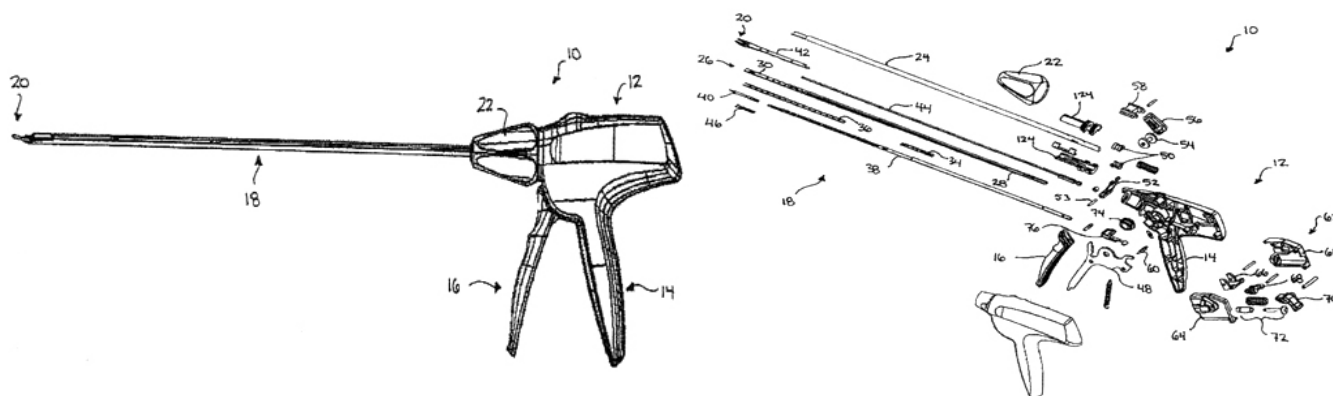
(54) Title of the invention : SURGICAL CLIP APPLIER RATCHET MECHANISM

(51) International classification :A61B
17/00
(31) Priority Document No :10/907766
(32) Priority Date :14/04/2005
(33) Name of priority country :U.S.A.
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)ETHICON ENDO-SURGERY, INC.
Address of Applicant :4545 CREEK ROAD, CINCINNATI, OH,
OHIO CORPORATION, U.S.A.
(72)Name of Inventor :
1)THOMAS W. HUITEMA
2)ROBERT L. KOCH JR.

(57) Abstract :

A surgical clip applier and methods for applying surgical clips to a vessel, duct, shunt, etc., during a surgical procedure are provided. In one exemplary embodiment, a surgical clip applier is provided having a housing with a trigger movably coupled thereto and an elongate shaft extending therefrom with opposed jaws formed on a distal end thereof. The trigger is adapted to advance a clip to position the clip between the jaws, and to move the jaws from an open position to a closed position to crimp the clip positioned therebetween.



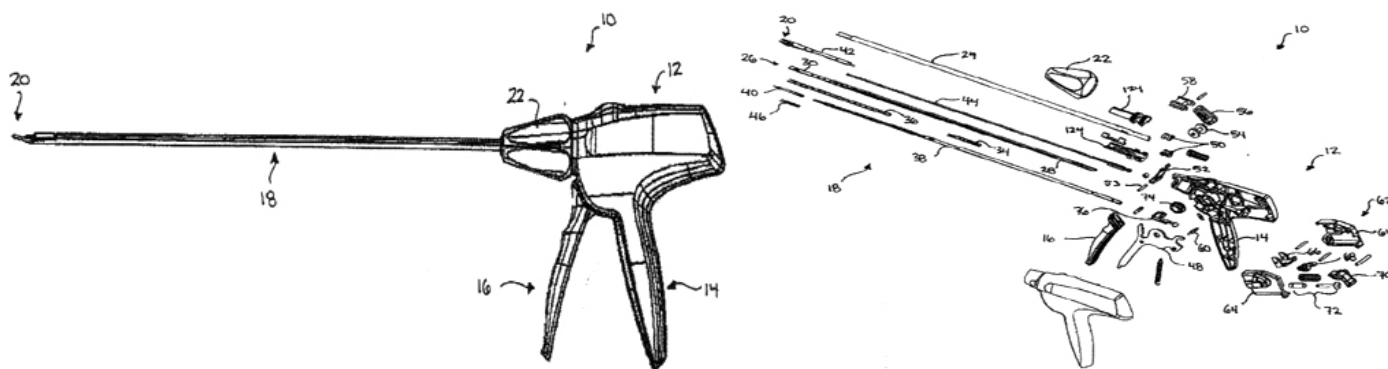
(54) Title of the invention : SURGICAL CLIP ADVANCEMENT AND ALIGNMENT MECHANISM

(51) International classification :A61B17/128
 (31) Priority Document No :10/907768
 (32) Priority Date :14/04/2005
 (33) Name of priority country :U.S.A.
 (86) International Application No :NA
 Filing Date :NA
 (87) International Publication No : NA
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :
1)ETHICON ENDO-SURGERY, INC.
 Address of Applicant :4545 CREEK ROAD, CINCINNATI OH,
 OHIO CORPORATION U.S.A.
 (72)Name of Inventor :
1)THOMAS W. HUITEMA
2)BRIAN D. BERTKE
3)DARIO VITALI
4)ROBERT L. KOCH JR.
5)NICHOLAS G. MOLITOR

(57) Abstract :

A surgical clip applier and methods for applying surgical clips to a vessel, duct, shunt, etc., during a surgical procedure are provided. In one exemplary embodiment, a surgical clip applier is provided having a housing with a trigger movably coupled thereto and an elongate shaft extending therefrom with opposed jaws formed on a distal end thereof. The trigger is adapted to advance a clip to position the clip between the jaws, and to move the jaws from an-open position to a closed position to crimp the clip positioned therebetween.



(54) Title of the invention : SURGICAL CLIP

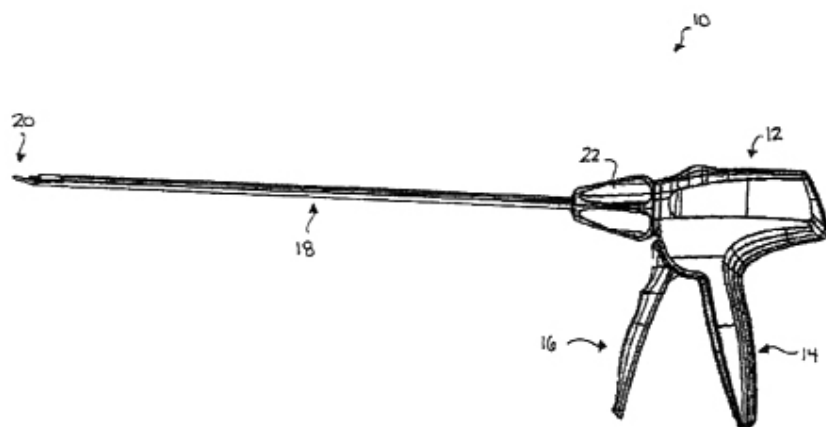
(51) International classification :A61B17/122
 (31) Priority Document No :10/907770
 (32) Priority Date :14/04/2005
 (33) Name of priority country :U.S.A.
 (86) International Application No :NA
 Filing Date :NA
 (87) International Publication No : NA
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :
1)ETHICON ENDO-SURGERY, INC
 Address of Applicant :4545 CREEK ROAD, CINCINNATI OH,
 45242 OHIO CORPORATION U.S.A. U.S.A.

(72)Name of Inventor :
1)THOMAS W. HUITEMA
2)DAVID B. SMITH

(57) Abstract :

A clip is provided that can be used for ligating tissue, such as vessels, other tubular ducts, and the like. The clip has opposed first and second leg members having proximal and distal ends. The proximal end of each leg member is connected by an apex having a notch formed therein. Moreover, each leg member has an inner tissue-contacting surface and an outer compression-receiving surface, both of which include features to provide a more secure ligation of the vessel or duct. A method for ligating vessels is also provided.

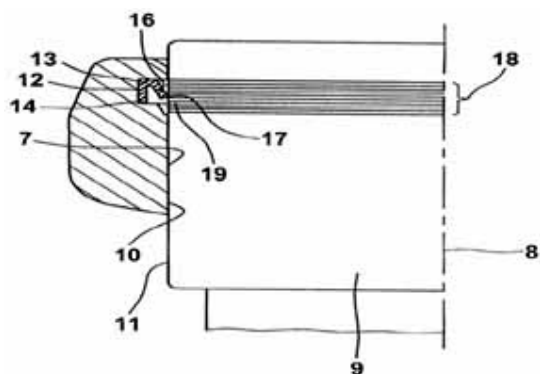


(54) Title of the invention : AXIAL RETAINING ARRANGEMENT FOR A BEARING BUSHING IN A UNIVERSAL JOINT

(51) International classification	:F16D3/16	(71)Name of Applicant :	1)SPICER GELENKWELLENBAU GMBH
(31) Priority Document No	:102005021376.6		Address of Applicant :Westendhof 5-9 45143 Essen Germany
(32) Priority Date	:04/05/2005	(72)Name of Inventor :	
(33) Name of priority country	:Germany		1)HANS-JURGEN SCHULTZE
(86) International Application No	:NA		2)Erhard Muller
Filing Date	:NA		3)Andreas Neises
(87) International Publication No	: NA		4)Lars Christoph Schafer
(61) Patent of Addition to Application Number	:NA		
Filing Date	:NA		
(62) Divisional to to Application Number	:NA		
Filing Date	:NA		

(57) Abstract :

Axial retaining arrangement for a bearing bushing in a bearing bore 7, forming a bore wall 10, of a yoke arm 5 of a joint yoke 3 belonging to a universal joint 1 or of a bearing element by means of a retaining ring 13, wherein the bearing bushing 9 has an outer face 11, with which it rests in the bearing bore 7, the bearing bore 7 forms a longitudinal axis 8, the bore wall 10 of the bearing bore 7 or the outer face 11 of the bearing bushing 9 have an annular groove 12 centred on the longitudinal axis 8, the retaining ring 13 has a first ring portion 14, retained in the annular groove 12, has at least one second ring portion 16 following to the first ring portion 14, which is elastic in the radial direction and which at least forms one engagement edge 17, which, depending on the arrangement of the annular groove 12 to the bearing bore 7 or the bearing bushing 107 is pressing against the bore wall 10 or the outer face 11.



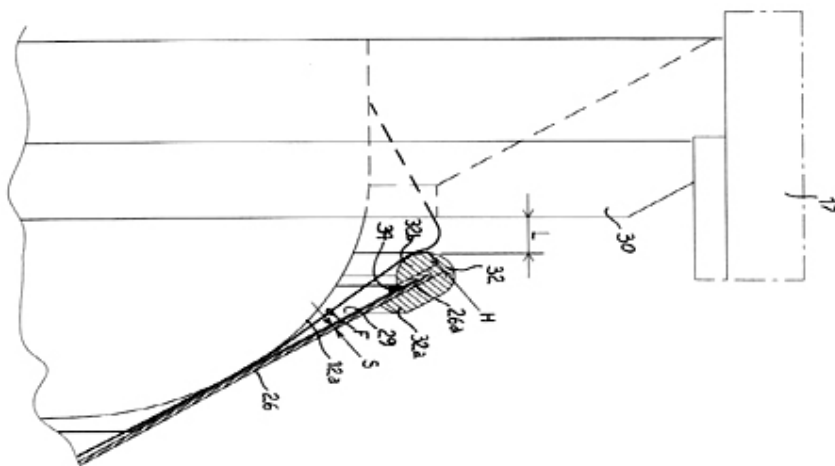
(54) Title of the invention : YARN-BREAKING DEVICE IN WEFT FEEDERS FOR TEXTILE MACHINES

(51) International classification :D02J1/22
 (31) Priority Document No :T02005U000063
 (32) Priority Date :18/05/2005
 (33) Name of priority country :Italy
 (86) International Application No :NA
 Filing Date :NA
 (87) International Publication No : NA
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :
1)L.G.L. ELECTRONICS S.P.A
 Address of Applicant :VIA UGO FOSCOLO, 156, 24024 GANDINO
 (PROV. OF BERGAMO) Italy
 (72)Name of Inventor :
1)MR. PEDRINI GIOVANNI
2)MR. ZENONI PIETRO

(57) Abstract :

A weft feeder is provided with a weft-storing drum (12) having a delivery edge (12a) from which the yarn (F) is unwound to be fed to a textile machine. A yarn-braking device comprises a frustoconical, hollow braking member (32) supported with its larger base facing the drum and coaxially biased with its inner surface against the delivery edge (12a) of the drum. The edge (26a) of the larger base of the braking member (26) is lined with a protection ring (32) having an inner, circumferential slot (34) formed in the direction of the generatrices of the cone in which the edge of the larger base (26a) is received.

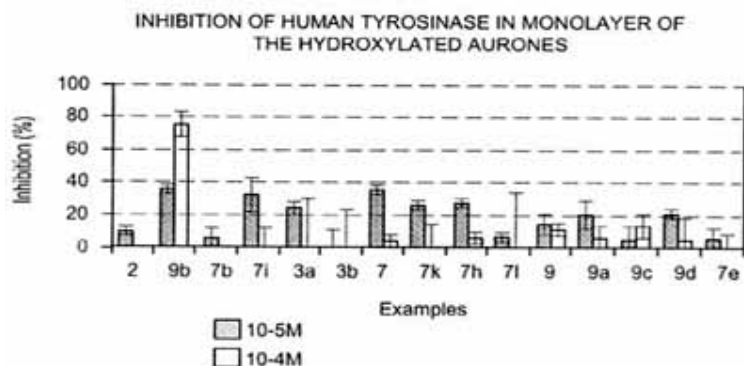


(54) Title of the invention : A METHOD OF COSMETIC DEPIGMENTATION CARE BY APPLYING AT LEAST ONE AURONE

(51) International classification	:A61K8/49; A61K8/73; A61K8/30	(71)Name of Applicant :
(31) Priority Document No	:0503409	1)ENGELHARD LYON, S.A. LYON
(32) Priority Date	:06/04/2005	Address of Applicant :32, RUE SAINT-JEAN-DE-DIEU
(33) Name of priority country	:France	69000/LYON, FRANCE AND UNIVERSITE JOSEPH FOURIER
(86) International Application No	:NA	GRENOBLE 1, BATIMENT ADMINIS TRATIF, 621 AVENUE
Filing Date	:NA	CENTRALE DOMAINE UNIVERSITAIRE DE SAINT MARTIN
(87) International Publication No	: NA	D'HERES GIERES, BP53, 38041 GRENOBLE CEDEX 09, France
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor :
Filing Date	:NA	1)PERRIER, ERIC
(62) Divisional to to Application Number	:NA	2)OKOMBI, SABRINA
Filing Date	:NA	3)RIVAL, DELPHINE
		4) BOUMENDJEL, AHCENE
		5)MARIOTTE, ANNE-MARIE

(57) Abstract :

At least one aurone or a natural or synthetic derivative of aurone, or an analogue of aurone, in which the independent phenyl ring can be substituted by a heterocycle of pyrrole, imidazole, triazole, pyridine, furan, or thiophene type, is disclosed as a cosmetic agent, or as an active substance, for the manufacture either of a cosmetic composition, or of a pharmaceutical composition, notably a dermatological composition, having a melanogenesis-inhibiting activity or a depigmenting activity, or an anti-tyrosinase activity.

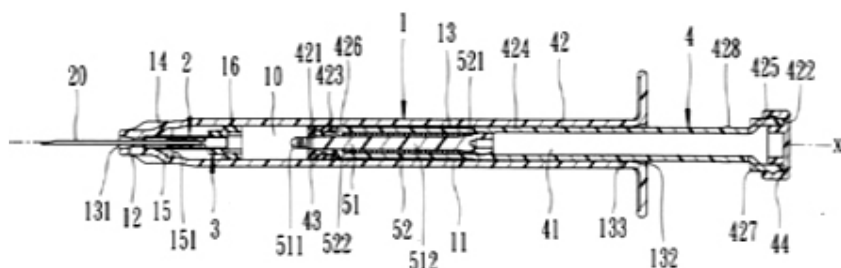


(54) Title of the invention : DISPOSABLE SYRINGE

(51) International classification	:A61M5/00	(71)Name of Applicant :
(31) Priority Document No	:094119486	1)MING-JENG SHUE
(32) Priority Date	:13/06/2005	Address of Applicant :NO.14, LANE 8, CHUNG-I ST. HSI DIST.
(33) Name of priority country	:Argentina	TAICHUNG CITY, Taiwan
(86) International Application No	:NA	2)DEBORAH HUANG
Filing Date	:NA	3)PHILLIP SHUE
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)MING-JENG SHUE
Filing Date	:NA	2)DEBORAH HUANG
(62) Divisional to to Application Number	:NA	3)PHILLIP SHUE
Filing Date	:NA	

(57) Abstract :

A disposable syringe includes a needle assembly (2) having a needle seat (22) retained in a barrel (1) by a grip member (3) to fix a needle cannula (20), a tubular plunger (4) movable in the barrel (1) toward the needle seat (22) during an injection course, and a coupling member (51) having a retained shank (512) in frictional engagement with the plunger (4), and an anchored portion (511) disposed outwardly of the plunger (4) to engage a rear anchoring portion (223) of the needle seat (22) when the coupling member (51) is moved forwardly. When the plunger (4) is moved further forward to cause the plunger (4) to move relative to the coupling member (51), the retained shank (512) is released to enable the needle assembly (2) to retract into the plunger (4) by means of a biasing member (52). A guiding sleeve (21) is sleeved on the needle seat (22), and can be forced to extend between the needle seat (22) and the grip member (3) so as to decrease the frictional force therebetween for ensuring successful retraction of the needle assembly (2).

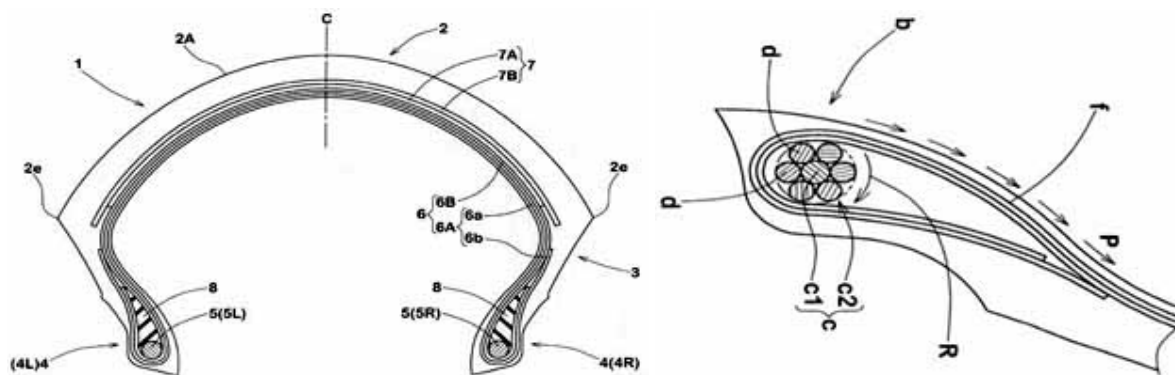


(54) Title of the invention : "PNEUMATIC TIRE"

(51) International classification	:B60C11/01	(71)Name of Applicant :
(31) Priority Document No	:2005-151282	1)SUMITOMO RUBBER INDUSTRIES, LTD.
(32) Priority Date	:24/05/2005	Address of Applicant :6-9, WAKINOHAMA-CHO 3-CHOME
(33) Name of priority country	:Japan	CHUO-KU KOBE-SHI HYOGO-KEN Japan
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)ISHIKAWA GENICHIRO
(87) International Publication No	: NA	2)IDEI MITSUSHIGE
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A pneumatic tire comprises a tread portion, a pair of sidewall portions, a pair of bead portions, a pair of bead cores each being disposed in the bead portion, the bead core comprising an annular core extending in the tire circumferential direction and a sheath including a plurality of sheath wires each extending helically around the annular core, a carcass comprising a carcass ply extending between the bead portions and turned up around the bead core in each bead portion, wherein one of the bead cores is reverse to the other bead core with respect to the helical direction of the sheath wire.

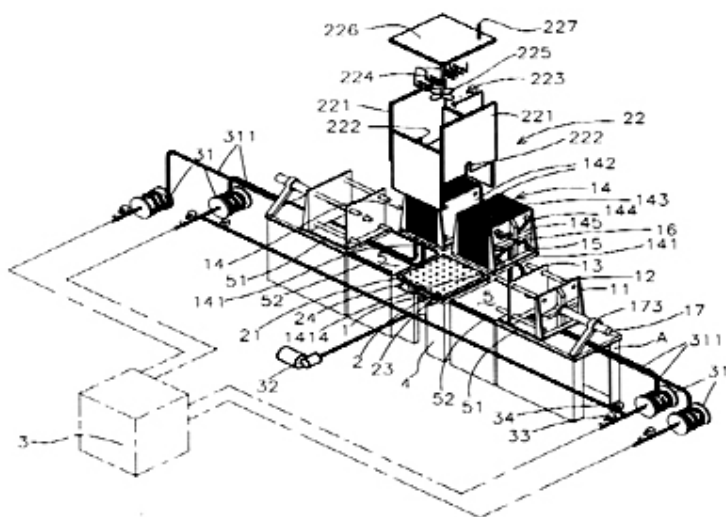


(54) Title of the invention : PRODUCTION LINE ENVIRONMENTAL STRESS SCREENING SYSTEM

(51) International classification	:B22D29/00	(71)Name of Applicant :
(31) Priority Document No	:11/107,761	1)HONG SUN LIU
(32) Priority Date	:18/04/2005	Address of Applicant :44291 View Point Circle, Fremont, CA 94539
(33) Name of priority country	:U.S.A.	U.S.A.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)HONG SUN LIU
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A production line environmental stress screening system consists of a shaker, a head expander, a fast ramping temperature chamber, two transporting trays, two PCB according fixture assemblies, a vacuum pump, a compressed air system, and a base table. The two PCB according fixture assemblies move back and forth and alternately enter the fast ramping temperature chamber to receive vibration and high and low temperature screening. This system will greatly reduce the screening time required, drastically increase the production efficiency and significantly reduce the screening cost.



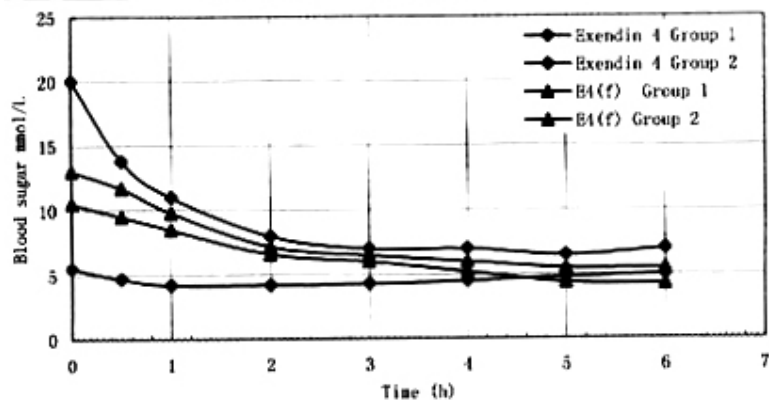
(54) Title of the invention : EXENDIN 4 POLYPEPTIDE FRAGMENT

(51) International classification : C07K14/575
 (31) Priority Document No : CN
 200510040823.8
 (32) Priority Date : 19/06/2005
 (33) Name of priority country : China
 (86) International Application No : NA
 Filing Date : NA
 (87) International Publication No : NA
 (61) Patent of Addition to Application Number : NA
 Filing Date : NA
 (62) Divisional to to Application Number : NA
 Filing Date : NA

(71) Name of Applicant :
1) CHANGZHOU PHARMACEUTICAL FACTORY
 Address of Applicant : NO.2 CAILING ROAD, CHANGZHOU,
 JIANGSU, 213018 P R CHINA China
2) WANG, BING
3) MA, XIAOPENG
4) XI, SHAOQI
 (72) Name of Inventor :
1) MA, XIAOPENG
2) WANG, BING
3) XI, SHAOQI

(57) Abstract :

The present invention relates to an Exendin 4 polypeptide fragment, which has hypoglycemic activity, and can be used for the treatment of type II diabetes mellitus. The polypeptide sequence described herein is HGE GTX1TSDLSKQX2EEEEAVX3LFIEWLKNGX4PX5, where X1, represents Phe or Tyr, X2 represents Met, Ile or Leu, X3 represents Lys, X4 represents Gly or deletion, X5 represents Arg or deletion. Additionally, the present invention relates to a method for the Exendin 4 polypeptide fragment preparation.

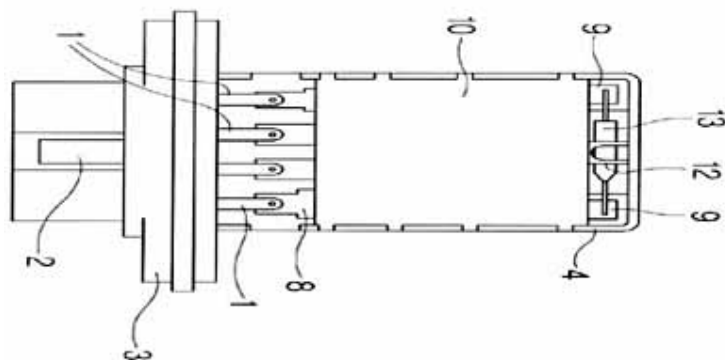


(54) Title of the invention : RESISTOR FOR CONTROLLING A FAN MOTOR ROTATING SPEED FOR USE IN AN AIR CONDITIONER

(51) International classification	:F24F1/00	(71)Name of Applicant :
(31) Priority Document No	:20-2005-0010152	1)JS TECH CO., LTD.
(32) Priority Date	:13/04/2005	Address of Applicant :412, GASONG-RI, POONGSAE-MYON, CHEONAN-SI, CHUNGCHONGNAM-DO, 330-911 Republic of Korea
(33) Name of priority country	:Republic of Korea	(72)Name of Inventor :
(86) International Application No	:NA	1)HAN, HEUNG-SOO
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Provided is a resistor for controlling a fan motor rotating speed for use in an air conditioner. The resistor comprises a base body, a radiator attached to a top portion of the base body, a printed resistor circuit board covered with insulating sheets and received within the radiator, a fixture plate placed on a front surface of the radiator to isolate the printed resistor circuit board from the outside, and a temperature fuse spot-welded to upper connecting tip ends of the printed resistor circuit board at a top portion of the radiator. A fastener portion of an arc shape is formed on a top portion of the fixture plate to wrap around and fixedly support the temperature fuse. This reduces the manufacturing cost of the resistor, while improving the manufacturability and reliability thereof.

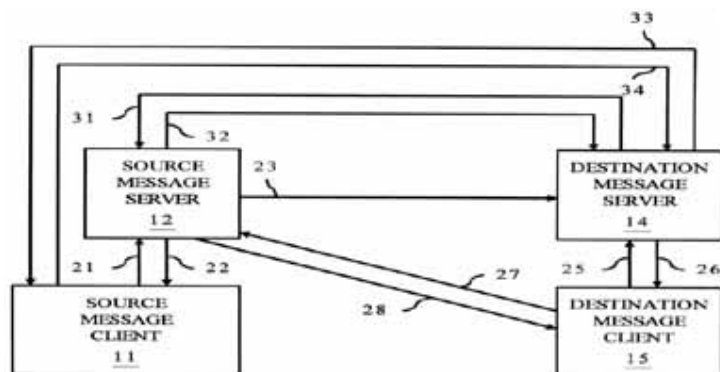


(54) Title of the invention : DELIVER-UPON-REQUEST SECURE ELECTRONIC MESSAGE SYSTEM

(51) International classification	:H04L9/08; G06F15/16; G06Q10/00	(71)Name of Applicant : 1)LIN, GERARD Address of Applicant :18340 LAUREL DRIVE, LOS GATOS, CA 95030 U.S.A.
(31) Priority Document No	:60/673,490	(72)Name of Inventor : 1)LIN, GERARD
(32) Priority Date	:22/04/2005	
(33) Name of priority country	:U.S.A.	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method of delivering electronic mail messages upon requests and managing public-secret key pairs of public key cryptography in an electronic message system. A sending party sends an intend-to-deliver associated with an electronic mail message to an intended receiving party. The intended receiving party responds with a request-for-mail-content to request for the electronic mail message if the intended receiving party determines to do so. The sending party will not deliver the electronic mail message to the intended receiving party if the intended receiving party does not send the request-for-mail-content. A host computer is assigned with a unique name that is registered with authoritative organizations and can be used for establishing a connection to the host computer. The host computer provides the public keys of its account holders to the public. The initial public key of an account holder is certified by the host computer using an account password. The account holder may regenerate a public-secret key pair as often as needed. The new public key is certified by the host computer using the old public key of the account holder and becomes effective for providing to the public.

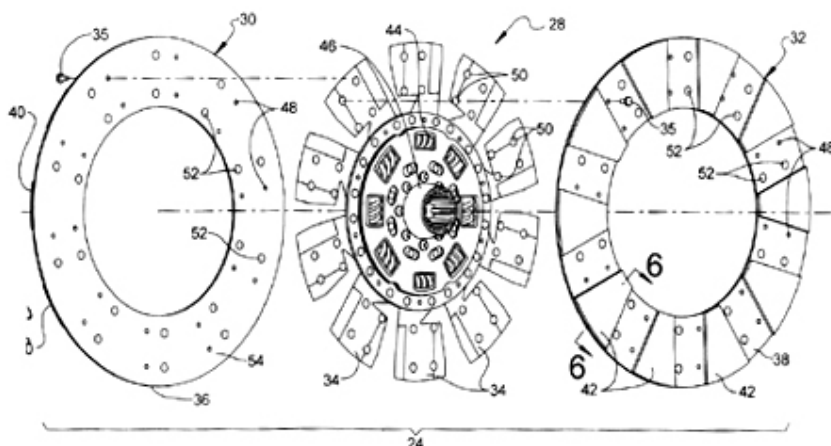


(54) Title of the invention : CLUTCH DISC ASSEMBLY WITH DIRECT BOND CERAMIC FRICTION MATERIAL

(51) International classification	:F16D13/46	(71)Name of Applicant :	
(31) Priority Document No	:60/671,854	1)EATON CORPORATION	
(32) Priority Date	:15/04/2005	Address of Applicant :EATON CENTER, 1111 SUPERIOR	
(33) Name of priority country	:U.S.A.	AVENUE, CLEVELAND, OHIO 44114 U.S.A.	
(86) International Application No	:NA	(72)Name of Inventor :	
Filing Date	:NA	1)MICHAEL LEE BASSETT	
(87) International Publication No	: NA	2)STEVEN JOE RYNEARSON, Jr.	
(61) Patent of Addition to Application Number	:NA		
Filing Date	:NA		
(62) Divisional to to Application Number	:NA		
Filing Date	:NA		

(57) Abstract :

A clutch disc assembly for a friction torque device has a clutch damper assembly which includes a hub defining an axis of rotation. The damper assembly includes a plurality of cushion elements extending radially outwardly away from the axis of rotation. A first friction ring includes a backer plate fixed to the cushion elements by circumferentially distributed rivets. At least one ceramic friction element is bonded to the backer plate.

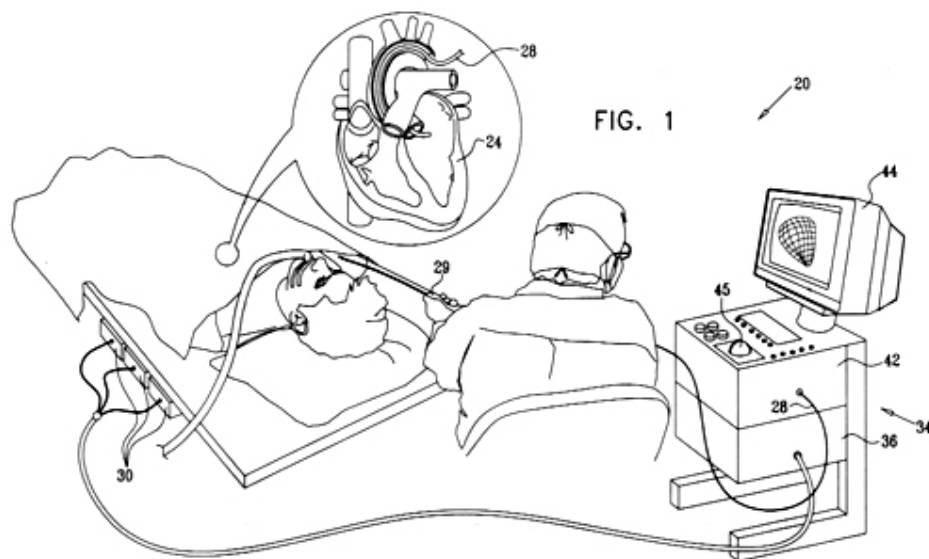


(54) Title of the invention : REGISTRATION OF ULTRASOUND DATA WITH PRE-ACQUIRED IMAGE

(51) International classification	:A61B19/00	(71)Name of Applicant :
(31) Priority Document No	:11/114,847	1)Biosense Webster, Inc
(32) Priority Date	:26/04/2005	Address of Applicant :3333 DIAMOND CANYON ROAD,
(33) Name of priority country	:U.S.A.	DIAMOND BAR CA 91765 U.S.A.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)ANDRES CLAUDIO ALTMANN
(87) International Publication No	: NA	2)ASSAF GOVARI
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A system and method for imaging a target in a patient's body uses a pre-acquired image of the target and a catheter having a position sensor and an ultrasonic imaging sensor. The catheter is placed in the patient's body and positional information of a portion of the catheter in the patient's body is determined using the position sensor. The catheter is used to generate an ultrasonic image of the target using the ultrasonic imaging sensor. An image processor is used for determining positional information for any pixel of the ultrasonic image of the target and registering the pre-acquired image with the ultrasonic image; and a display is used for displaying the registered pre-acquired image and ultrasonic image.



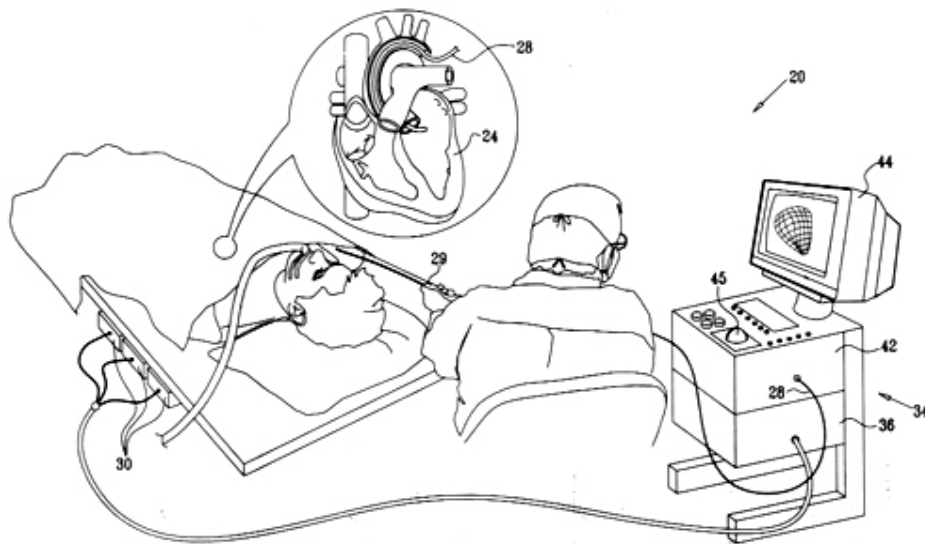
(54) Title of the invention : REGISTRATION OF ELECTRO-ANATOMICAL MAP WITH PRE-ACQUIRED IMAGING USING ULTRASOUND

(51) International classification :A61B19/00
 (31) Priority Document No :11/114,801
 (32) Priority Date :26/04/2005
 (33) Name of priority country :U.S.A.
 (86) International Application No :NA
 Filing Date :NA
 (87) International Publication No : NA
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :
1)Biosense Webster, Inc
 Address of Applicant :3333 Diamond Canyon Road, Diamond Bar
 CA 91765 U.S.A.
 (72)Name of Inventor :
1)Andres Claudio Altmann
2)Assaf Govari

(57) Abstract :

A system and method for imaging a target in a patient's body includes the steps of providing a pre-acquired image of the target and placing a catheter having a position sensor, an ultrasonic imaging sensor and at least one electrode, in the patient's body. Positional information of a portion of the catheter in the patient's body is determined using the position sensor and electrical activity data-points of a surface of the target are acquired using the at least one electrode. An ultrasonic image of the target is obtained using the ultrasonic imaging sensor and positional information for the electrical activity data-points of the surface of the target is determined. An electrophysiological map of the target is generated based on the electrical activity data-points and the positional information for the electrical activity data-points. Positional information for any pixel of the ultrasonic image of the target is determined and the pre-acquired image and the electrophysiological map are registered with the ultrasonic image. The registered pre-acquired image, electrophysiological map and ultrasonic image are displayed on a display.



(54) Title of the invention : THREE-DIMENSIONAL CARDIAC IMAGING USING ULTRASOUND CONTOUR RECONSTRUCTION

(51) International classification

:A61B8/00;
G06T17/00

(31) Priority Document No

:11/115,002

(32) Priority Date

:26/04/2005

(33) Name of priority country

:U.S.A.

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

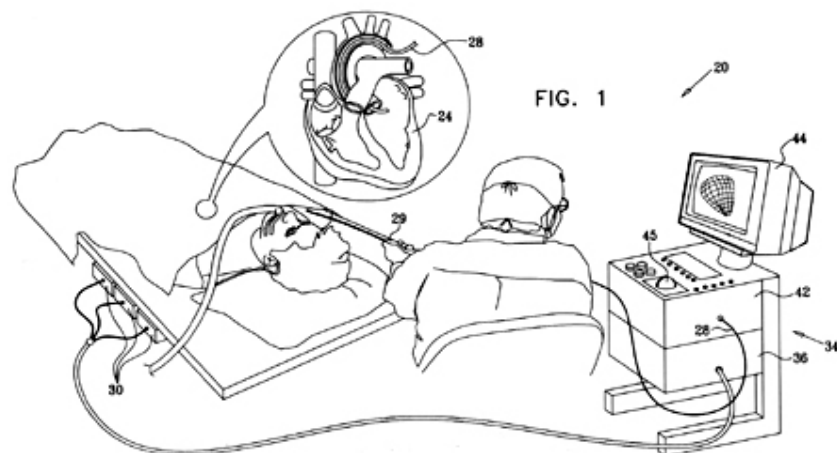
1)BIOSENSE WEBSTER, INCAddress of Applicant :3333 DIAMOND CANYON ROAD,
DIAMOND BAR CA 91765 U.S.A.

(72)Name of Inventor :

1)ANDRES CLAUDIO ALTMANN**2)ASSAF GOVARI****3)AHARON TURGEMAN****4)DINA KIRSHENBAUM**

(57) Abstract :

A method for modeling of an anatomical structure includes acquiring a plurality of ultrasonic images of the anatomical structure using an ultrasonic sensor, at a respective plurality of spatial positions of the ultrasonic sensor. Location and orientation coordinates of the ultrasonic sensor are measured at each of the plurality of spatial positions. Contours-of-interest that refer to features of the anatomical structure are marked in one or more of the ultrasonic images. A three-dimensional (3-D) model of the anatomical structure is constructed, based on the contours-of-interest and on the measured location and orientation coordinates.

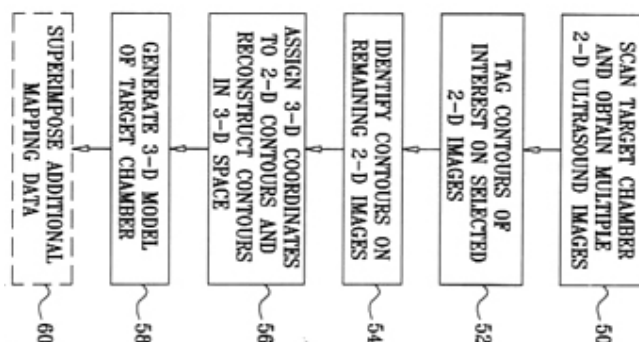


(54) Title of the invention : SOFTWARE PRODUCT FOR THREE DIMENSIONAL CARDIAC IMAGING USING ULTRASOUND CONTOUR RECONSTRUCTION

(51) International classification	:A61B8/00; G06T17/00	(71)Name of Applicant :
(31) Priority Document No	:11/114800	1)BIOSENSE WEBSTER, INC
(32) Priority Date	:26/04/2005	Address of Applicant :3333 Diamond Canyon Road, Diamond Bar, CA 91765 California Corporation, U.S.A.
(33) Name of priority country	:U.S.A.	(72)Name of Inventor :
(86) International Application No	:NA	1)ANDRES CLAUDIO ALTMANN
Filing Date	: NA	2)ASSAF GOVARI
(87) International Publication No	: NA	3)AHARON TURGEMAN
(61) Patent of Addition to Application Number	:NA	4)DINA KIRSHENBAUM
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A computer software product for modeling of an anatomical structure includes a computer-readable medium, in which program instructions are stored, and which instructions, when read by the computer, cause the computer to acquire a plurality of ultrasonic images of the anatomical structure using an ultrasonic sensor, at a respective plurality of spatial positions of the ultrasonic sensor in order to measure location and orientation coordinates of the ultrasonic sensor at each of the plurality of spatial positions. The software product is used to receive a manual input marking contours-of-interest that refer to features of the anatomical structure in one or more of the ultrasonic images and to construct a 3-D model of the anatomical structure based on the contours-of-interest and on the measured location and orientation coordinates.

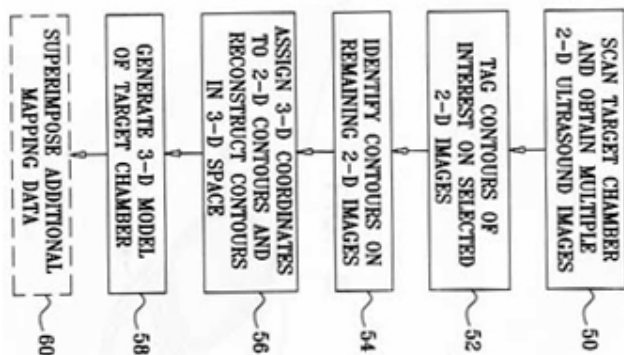


(54) Title of the invention : DISPLAY OF TWO-DIMENSIONAL ULTRASOUND FAN

(51) International classification	:A61B8/12;	(71)Name of Applicant :
(31) Priority Document No	:11/114680	1)BIOSSENSE WEBSTER, INC
(32) Priority Date	:26/04/2005	Address of Applicant :3333 DIAMOND CANYON ROAD,
(33) Name of priority country	:U.S.A.	DIAMOND BAR, CA 91765 CALIFORNIA CORPORATION U.S.A.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)ANDRES CLAUDIO ALTMANN
(87) International Publication No	: NA	2)ASSAF GOVARI
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A medical imaging system for imaging a patient's body includes a catheter having a position sensor and an ultrasonic imaging sensor wherein the position sensor transmits electrical signals indicative of positional information of a portion of the catheter in a patient's body and the ultrasonic imaging sensor transmits ultrasonic energy at a target in the patient's body, receives ultrasonic echoes reflected from the target in the patient's body and transmits signals relating to the ultrasonic echoes reflected from the target in the patient's body. A positioning processor is operatively connected to the catheter for determining positional information of the portion of the catheter based on the electrical signals transmitted by the position sensor. The system also includes a display and an image processor operatively connected to the catheter, the positioning processor and the display. The image processor generates an ultrasonic image of the target based on the signals transmitted by the ultrasonic sensor and depicts in real-time the generated ultrasound image on a display in a same orientation as an orientation of the portion of the catheter in the patient's body based on positional information derived from the position sensor.



(54) Title of the invention : DISPLAY OF CATHETER TIP WITH BEAM DIRECTION FOR ULTRASOUND SYSTEM

(51) International classification

:A61B8/12;

(31) Priority Document No

:11/115013

(32) Priority Date

:26/04/2005

(33) Name of priority country

:U.S.A.

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

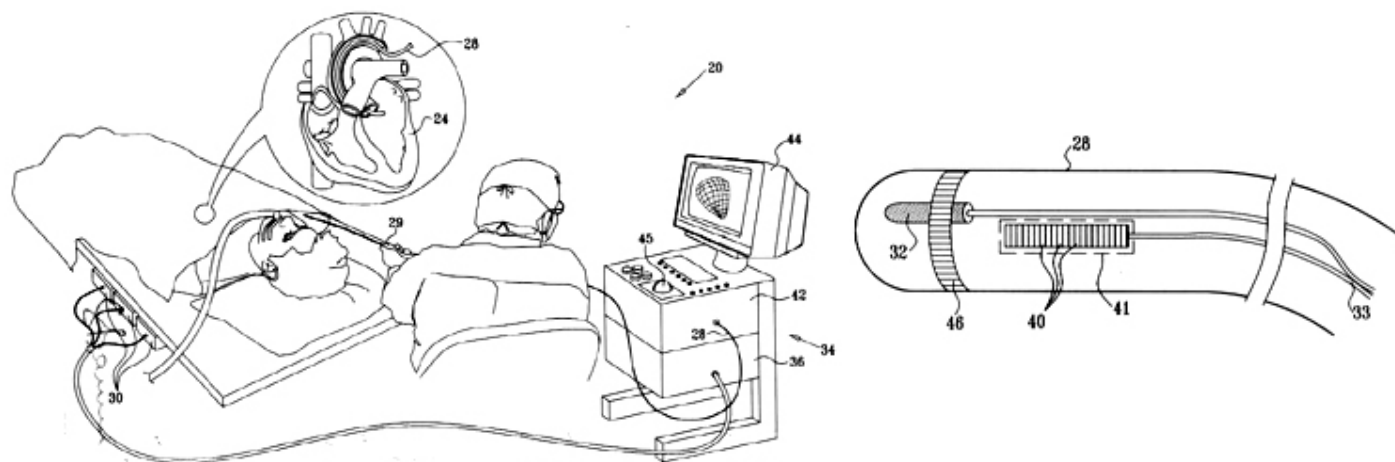
1)BIOSENSE WEBSTER, INC.Address of Applicant :3333 DIAMOND CANYON ROAD,
DIAMOND BAR, CA 91765 CALIFORNIA CORPORATION U.S.A.

(72)Name of Inventor :

1)ANDRES CLAUDIO ALTMANN**2)ASSAF GOVARI**

(57) Abstract :

A medical imaging system for imaging a patient's body includes a catheter having a position sensor and an ultrasonic imaging sensor wherein the position sensor transmits electrical signals indicative of positional information of a portion of the catheter in a patient's body and the ultrasonic imaging sensor transmits ultrasonic energy at a target in the patient's body, receives ultrasonic echoes reflected from the target in the patient's body and transmits signals relating to the ultrasonic echoes reflected from the target in the patient's body. A positioning processor is operatively connected to the catheter for determining positional information of the portion of the catheter based on the electrical signals transmitted by the position sensor. The system also includes a display and an image processor operatively connected to the catheter, the positioning processor and the display. The image processor displays on the display a catheter icon in a same orientation as an orientation of the portion of the catheter in the patient's body based on positional information derived from the position sensor. The image processor also generates an ultrasonic image of the target based on the signals transmitted by the ultrasonic sensor and depicts in real-time the generated ultrasound image on a display in a same orientation as the orientation of the portion of the catheter in the patient's body based on positional information derived from the position sensor.

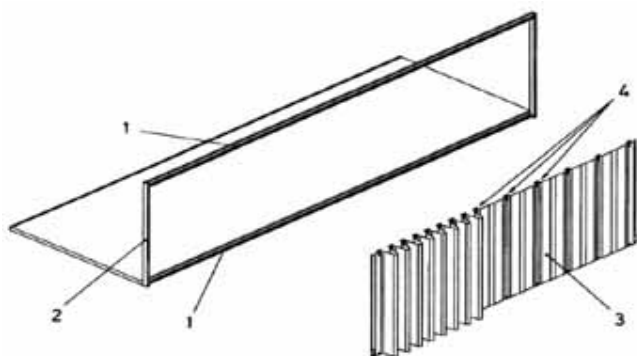


(54) Title of the invention : FOLDING CLOSURE FOR CARGO CONTAINERS

(51) International classification	:B60J5/06	(71)Name of Applicant :
(31) Priority Document No	:2005 00	1)MECADETOL, S.A.
(32) Priority Date	932	Address of Applicant :CIUDAD DEL TRANSPORTE.. C/TUDELA,
(33) Name of priority country	:19/04/2005	S/N 31119 IMARCOAIN, NAVARRA Spain
(86) International Application No	:Spain	(72)Name of Inventor :
Filing Date	:NA	1)FERNANDEZ, JUAN, MANUEL ZUGAZA
(87) International Publication No	:NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A folding closure for cargo containers, formed by a tarp (3) arranged on rails (1) defining V-shaped tracks on which top and bottom carriages joined to the tarp (3) and top and bottom carriages incorporated on respective terminal profiles (7) arranged on the ends of the tarp (3) rest when running, by means of corresponding wheels.

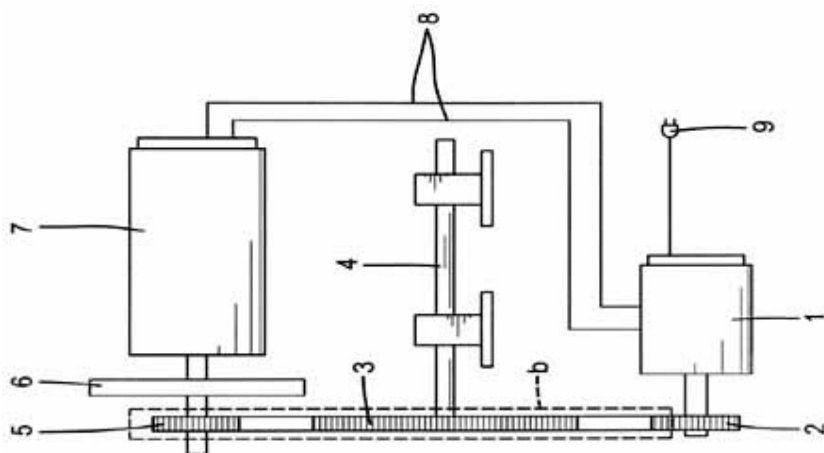


(54) Title of the invention : ENERGY-SAVING ENVIRONMENTALLY FRIENDLY GENERATING SYSTEM

(51) International classification	:H02K53/00	(71)Name of Applicant :
(31) Priority Document No	:94112927	1)LIN CHU-FU
(32) Priority Date	:22/04/2005	Address of Applicant :NO.50, LANE 305 ZHENGQIANG ST.,
(33) Name of priority country	:Argentina	YUNGKANG TAINAN COUNTY, TAIWAN ROC China
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)LIN CHU-FU
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An energy-saving environmentally friendly generating system includes at least one starting system (1), a generating system (7), a transmission gear system (b), and at least one weighting system (6). Speed ratios of the transmission gear system (b) are utilized, and an external power (9) is used to start the starting system (1). The speed changes of large and small gears create torques for releasing energy that is multiple times of the primitive energy of the starting system (1). The weighting system (6) rotates and creates a gravitational force to release multifold energy for counterbalancing the load of generating and the load of electricity consumption of the generating system (7). The generating system (7) can thus be started. When the generating system (7) reaches its rated generating speed, a portion of electricity is directly transmitted to the starting system (1), thereby achieving continuous operation for generating electricity.

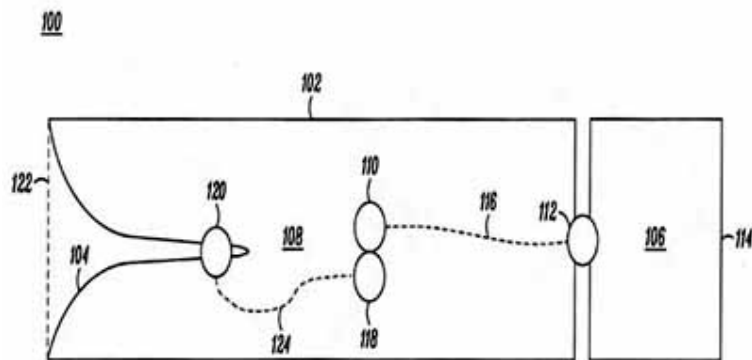


(54) Title of the invention : ANTENNA SYSTEM

(51) International classification	:H01Q1/00	(71)Name of Applicant :
(31) Priority Document No	:11/117,032	1)MOTOROLA, INC.
(32) Priority Date	:28/04/2005	Address of Applicant :1303 EAST ALGONQUIN ROAD,
(33) Name of priority country	:U.S.A.	SCHAUMBURG, ILLINOIS 60196, U.S.A.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)CHAN YIU KWONG
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An antenna system (100) comprising a first electromagnetic radiator (102) and a second electromagnetic radiator (104) is provided. The first electromagnetic radiator incorporates an off-center series feed (112) at a pre-defined distance from a first end (114) of the antenna system. The second electromagnetic radiator incorporates a shunt feed (120) at a second pre-defined distance from a second end (122) of the antenna system. The first electromagnetic radiator is used primarily for plural band transmission-reception and the second electromagnetic radiator for antenna diversity band reception.



(54) Title of the invention : THERMOPLASTIC ELASTOMER AND MANUFACTURING METHOD THEREOF

(51) International classification	:C08L23/00	(71)Name of Applicant :
(31) Priority Document No	:094134878	1)TSRC CORPORATION
(32) Priority Date	:05/10/2005	Address of Applicant :2 Hsiung Kung Road, Ta-She, Kaohsiung,
(33) Name of priority country	:China	Taiwan 815 R.O.C. China
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)KAO, Huan-Chun
(87) International Publication No	: NA	2)SU-Jau-Rong
(61) Patent of Addition to Application Number	:NA	3)TU, Yuan-Chao
Filing Date	:NA	4)KUNG, Chien-Kun
(62) Divisional to to Application Number	:NA	5)LEE, Cheng-Te
Filing Date	:NA	

(57) Abstract :

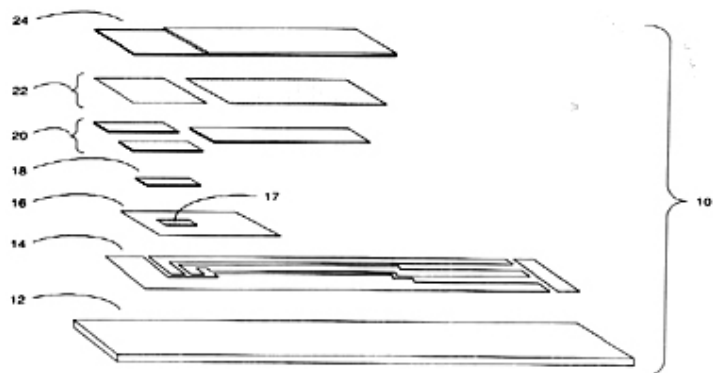
A low-smoke, halogen-free and flame-retardant thermoplastic elastomer is provided in the present invention. The thermoplastic elastomer includes a polymer having a hydrogenated styrenic/conjugated diene copolymer, an inorganic phosphorus flame-retardant and a flame-retardant auxiliary, wherein a weight of the hydrogenated styrenic/conjugated diene copolymer is 50-100 percents of a weight of the polymer, a weight of the inorganic phosphorus flame-retardant is ranged from 0.3 to 2 times of the weight of the hydrogenated styrenic/conjugated diene copolymer, and a weight of the flame-retardant auxiliary is ranged from 0.05 to 0.4 times of the weight of the hydrogenated styrenic/conjugated diene copolymer.

(54) Title of the invention : METHOD FOR MANUFACTURING AN ELECTROCHEMICAL-BASED ANALYTICAL TEST STRIP WITH HYDROPHILICITY ENHANCED METAL ELECTRODES

(51) International classification	:C12Q1/00	(71)Name of Applicant :
(31) Priority Document No	:11/118265	1)LIFESCAN SCOTLAND LIMITED
(32) Priority Date	:28/04/2005	Address of Applicant :BEECHWOOD PARK NORTH,
(33) Name of priority country	:U.S.A.	INVERNESS, INVERNESS-SHIRE IV2 3ED U.K.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)Elliot V. Plotkin
(87) International Publication No	: NA	2)Richard Michael Day
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method for manufacturing a portion of an electrochemical-based test strip comprising includes forming a metal electrode(s) with an upper surface on a surface of an electrically-insulating substrate. The method also includes treating the upper surface of the metal electrode(s) with a hydrophilicity-enhancing composition to form a treated upper surface on the metal electrode with hydrophilicity-enhancing chemical moieties thereon and depositing an enzymatic reagent layer on the treated upper surface of the metal electrode(s).

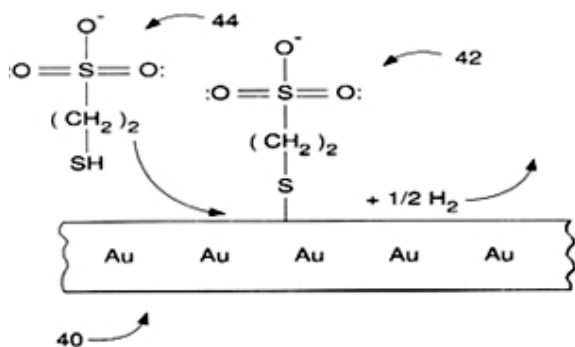


(54) Title of the invention : ELECTROCHEMICAL-BASED ANALYTICAL TEST STRIP WITH HYDROPHILICITY ENHANCED METAL ELECTRODES

(51) International classification	:C12Q1/00	(71)Name of Applicant :
(31) Priority Document No	:11/118266	1)LIFESCAN SCOTLAND LIMITED
(32) Priority Date	:28/04/2005	Address of Applicant :Beechwood Park North, Inverness, Inverness-
(33) Name of priority country	:U.S.A.	shire IV2 3ED, U.K.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)Elliot V. Plotkin
(87) International Publication No	: NA	2)Richard Michael Day
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An electrochemical-based analytical test strip includes an electrically-insulating substrate and a metal electrode (e.g., a gold metal electrode) disposed on a surface of the electrically-insulating substrate. The metal electrode has an upper surface with hydrophilicity-enhancing chemical moieties thereon. In addition, the electrochemical-based analytical test strip also includes an enzymatic reagent layer disposed on the upper surface of the metal electrode.

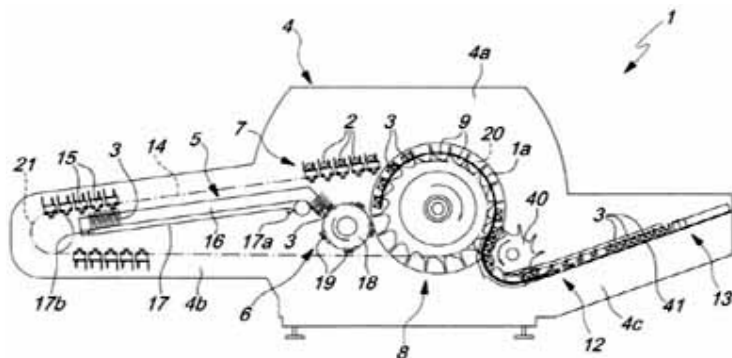


(54) Title of the invention : APPARATUS FOR PACKAGING PRODUCTS IN BOXES

(51) International classification	:B65B35/02; B65B35/00	(71)Name of Applicant : 1)O.A.M.-SOCIETA 'PER AZIONI
(31) Priority Document No	:BO 2005A000304	Address of Applicant :VIA VERDI, 1/2 40065 PIANORO (PROV. OF BOLOGNA) Italy
(32) Priority Date	:02/05/2005	(72)Name of Inventor : 1)ANTONIO MARTELLI
(33) Name of priority country	:Italy	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An apparatus for packaging products in boxes, comprising a supporting footing (4), a magazine (5) for the continuous feeding of boxes (3) in a flattened configuration, at least one device (6) for picking up the boxes (3) from the magazine (5) and for opening the boxes (3) in a substantially parallelepipedal configuration, at least one feeder (7) of products (2) to be placed in the boxes and at least one rotating carousel (8) which is adapted to receive the boxes (3), in a parallelepipedal configuration, from the pick-up and opening device (6) in a plurality of peripheral receptacles (9), each of which has at least one open side (10), the rotating carousel (8) being further provided with axial pusher means (11), which are suitable to insert the products (2) in the respective boxes (3) through the open sides (10), and being further suitable to convey the boxes (3) filled with the products (2) toward subsequent production stations (12, 13), the apparatus being characterized in that the feeder conveyor (7) comprises at least one loop element (14), which is closed in a loop and is provided, on its external surface, with a uniform distribution of supporting cups (15), which are adapted to convey the products (2) to be placed in boxes from at least one feeder to the rotating carousel (8), the loop element (14) being associated with actuation means (15a) which are suitable to produce the advancement of the cups (15) with the products (2) to be placed in boxes in step with the rotation of the rotating carousel (8), so as to allow their insertion, one by one, in the respective boxes (3) by way of the axial pusher means (11).

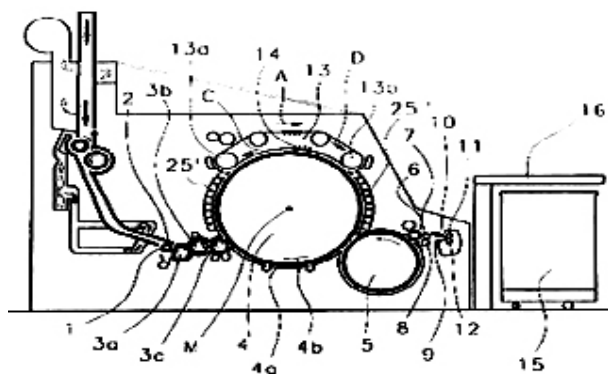


(54) Title of the invention : APPARATUS ON A SPINNING PREPARATION MACHINE, ESPECIALLY A FLAT CARDING MACHINE, ROLLER CARDING MACHINE, CLEANER OR THE LIKE, WITH A COOLING SYSTEM

(51) International classification	:D01G15/24	(71)Name of Applicant :
(31) Priority Document No	:10 2005	1)TRUTZSCHLER GMBH & CO. KG.
(32) Priority Date	029 767.6	Address of Applicant :Duvenstrasse 82-92 D-41199
(33) Name of priority country	:24/06/2005	Monchengladback Germany
(86) International Application No	:Germany	(72)Name of Inventor :
Filing Date	:NA	1)Gerd Pferdmenes
(87) International Publication No	: NA	2)Markus Schmltz
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

In an apparatus on a spinning preparation machine, especially a flat carding machine, roller carding machine, cleaner or the like, with a cooling system, in which a roller has a cylindrical peripheral surface and a casing opposite to and spaced from this peripheral surface, a carding region where carding work is carried out and heat is generated being present between the peripheral surface of the roller and a part of the casing, with respect to the interior space in the roller, a cooling medium enters, passes through and exits again. In order to reduce or avoid thermal expansion of the roller in a structurally simple manner, the cooling medium is air, which is capable of absorbing heat in the interior space of the roller and dissipating it from the interior space of the roller.

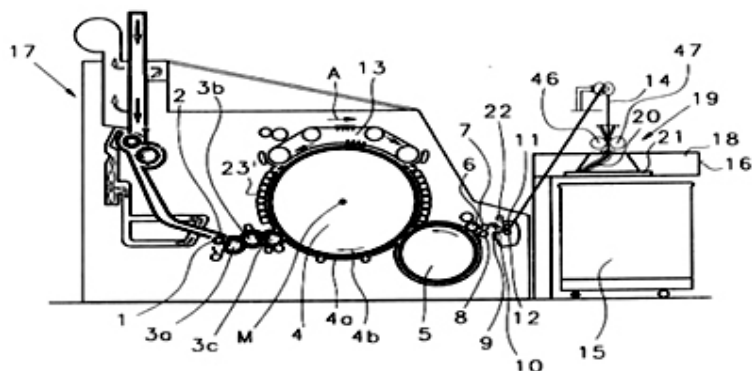


(54) Title of the invention : APPARATUS ON A SPINNING PREPARATION MACHINE, FOR EXAMPLE A FLAT CARD, ROLLER CARD, DRAW FRAME, COMBING MACHINE OR THE LIKE, FOR ASCERTAINING THE MASS AND/OR FLUCTUATIONS IN THE MASS OF A FIBRE MATERIAL, FOR EXAMPLE AT LEAST ONE FIBRE SLIVER, FIBRE WEB

(51) International classification	:D01G15/24	(71)Name of Applicant :
(31) Priority Document No	:10	1)TRUTZSCHLER GMBH & CO. KG.
(32) Priority Date	:20/05/2005	Address of Applicant :Duvenstr. 82-92, D-41199 Monchengladbach
(33) Name of priority country	:Germany	Germany
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)GUNTER DUDA
(87) International Publication No	: NA	2)FRANZ-JOSEF MINTER
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

In an apparatus on a spinning preparation machine, for example a flat card, roller card, draw frame, combing machine or the like, for ascertaining the mass and/or fluctuations in the mass of a fibre material, for example at least one fibre sliver, fibre web or the like, of cotton, synthetic fibres or the like, in which the fibre material is scanned mechanically by a feeler element the excursions of which are converted into electrical signals, there is a contactless distance sensor for detecting the position of the feeler element. In order to facilitate improved and more accurate measurement of the fibre bundle in a way that is simple in terms of structure and installation, the distance sensor is a sensor that measures optical or acoustic distance and is connected to an electronic evaluating device.



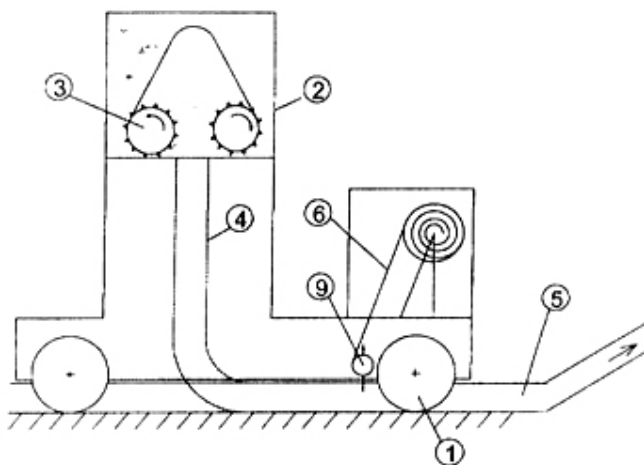
(54) Title of the invention : TRACK BALE PLUCKER

(51) International classification :E01B9/62
 (31) Priority Document No :102005019526.1
 (32) Priority Date :27/04/2005
 (33) Name of priority country :Germany
 (86) International Application No :NA
 Filing Date :NA
 (87) International Publication No : NA
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :
1)HUBERT HERGETH
 Address of Applicant :ALZNACH 2 6343 ROTKREUZ Switzerland
 (72)Name of Inventor :
1)HUBERT HERGETH

(57) Abstract :

Inexpensive construction of bale pluckers. The bale plucker runs on large rubber tyres without rails and is guided by the air channel or a guide profile.

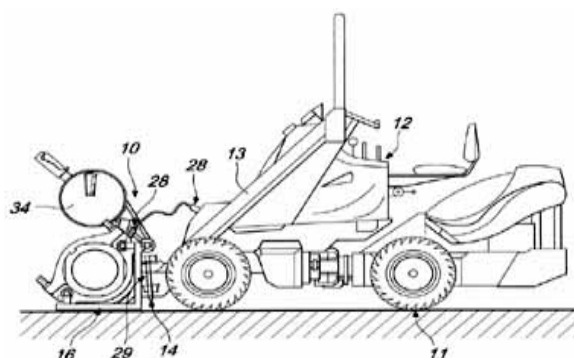


(54) Title of the invention : APPARATUS FOR WELDING ENDS OF PLASTICS PIPES LOCATED ON-SITE

(51) International classification	:B29C65/18; B23K37/053; B29C65/78	(71)Name of Applicant : 1)RITMO S.P.A.
(31) Priority Document No	:PD 2005A000124	Address of Applicant :Via A, Volta, 7 35037 TEOLO (Prov. of PADOVA) Italy
(32) Priority Date	:03/05/2005	(72)Name of Inventor : 1)Renzo BORTOLI
(33) Name of priority country	:Italy	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An apparatus for welding ends of plastics pipes comprising a supporting frame (16, 116) for a first clamp (17) for locking the end of a first pipe (18) and for a second clamp (19, 119) for locking the end of a second pipe (20) to be welded to the first pipe (18); the second clamp (19, 119) being movable toward the first clamp (17) with translational motion. A heat-generating element (33) for welding and a milling device (34) for the ends of the first and second pipes (18, 20) are associable with the welding apparatus (10, 100) provided with a control unit (36) and with reversible elements for fixing to a vehicle (11, 111) provided with an auxiliary hydraulic system (25). The reversible fixing elements (14) comprise hydraulic couplings (28) for connecting the auxiliary hydraulic system (25) to the hydraulic means (21) for the translational motion of the second clamp (19, 119) and to a hydraulic motor (26) which is connected to an electric generator (27) for supplying power to the welding apparatus (10, 100).

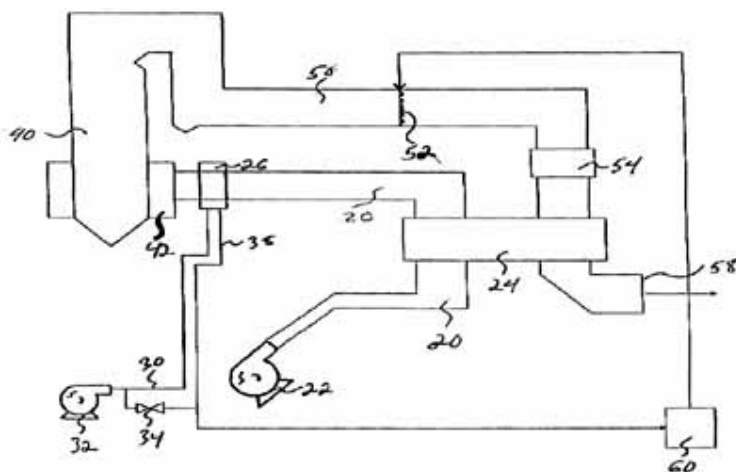


(54) Title of the invention : CARRIER AIR HEATING SYSTEM FOR SCR

(51) International classification	:F23D14/66; F23L15/00; F23D14/46	(71)Name of Applicant : 1)THE BABCOCK & WILCOX COMPANY Address of Applicant :1450, POYDRAS STREET, NEW ORLEANS, LOUISIANA 70160 U.S.A.
(31) Priority Document No	:11/105,053	(72)Name of Inventor :
(32) Priority Date	:13/04/2005	1)SMITH JOHN WILLIAM
(33) Name of priority country	:U.S.A.	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A heat exchanger is provided in an air duct between an air heater and a windbox of a combustion means such as a boiler. Dilution air is carried to the heat exchanger from a dilution air fan in a separate duct. The heat in the air from the air heater is transferred to the dilution air via the heat exchanger and the heated dilution air is sent to vaporize ammonia before the ammonia is introduced into an exhaust duct with a selective catalytic reduction (SCR) chamber. A bypass valve is provided around the heat exchanger for blending heated and unheated air to control the temperature of the dilution air.



(54) Title of the invention : FIXED BED REACTOR FOR GAS-PHASE CATALYTIC OXIDATION AND PROCESSES FOR PRODUCING ACROLEIN OR ACRYLIC ACID

(51) International classification	:B01J8/06; B01J8/02; C07C45/35	(71)Name of Applicant : 1)NIPPON SHOKUBAICO., LTD. Address of Applicant :1-1, KORAIHASHI 4-CHOME, CHUO-KU, OSAKA-SHI, OSAKA Japan
(31) Priority Document No	:JP2005- 120244	(72)Name of Inventor : 1)FUKUMOTO NAOHIRO
(32) Priority Date	:18/04/2005	
(33) Name of priority country	:Japan	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

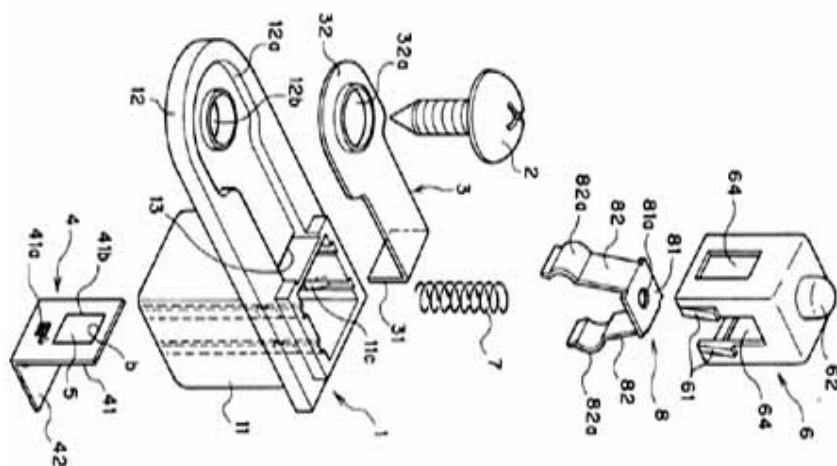
A fixed bed reactor including a reaction tube filled with a gas-phase oxidation catalyst, wherein a solid acid, of which acid strength (H0) meets an inequality: $-5.6 \leq H0 \leq 1.5$, is placed in a gas passage containing a starting material compound and/or a produced compound; a process for producing acrolein, the process including using the above fixed bed reactor for production of acrolein by gas-phase catalytic oxidation of propylene with molecular oxygen; a process for producing acrylic acid, the process including using the above fixed bed reactor for production of acrolein by gas-phase catalytic oxidation of propylene with molecular oxygen and for subsequent production of acrylic acid by gas-phase catalytic oxidation of the acrolein with molecular oxygen; and a method for suppressing deposition of a catalyst inhibitor in a fixed bed reactor including a reaction tube filled with a gas-phase oxidation catalyst, the method including placing a solid acid, of which acid strength (H0) meets an inequality: $-5.6 \leq H0 \leq 1.5$, in the fixed bed reactor for gas-phase catalytic oxidation.

(54) Title of the invention : PUSH SWITCH

(51) International classification	:H01H13/52	(71)Name of Applicant :
(31) Priority Document No	:2005-132641	1)KABUSHIKI KAISHA T A N T
(32) Priority Date	:28/04/2005	Address of Applicant :972-1, AZA-SAKASHITA, OAZA-KOSENBA, KAWAGOE-SHI SAITAMA PREFECTURE Japan
(33) Name of priority country	:Japan	(72)Name of Inventor :
(86) International Application No	:NA	1)KUWANA ISAMU
Filing Date	:NA	2)SHINZAWA KOUICHI
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A push-button switch includes a fixed member having a first fixed contact strip disposed on the inner surface of the fixed member and a second fixed contact strip disposed on the inner surface of the fixed member and opposite the first fixed contact strip; a control member biased by a spring from the fixed member and locked in a desired position; and a movable contact strip configured, when attached to the control member locked in the desired position, to be in contact with and to short-circuit the first fixed contact strip and the second fixed contact strip. The movable contact strip is configured to be isolated from the first and second fixed contact strips at substantially the same time when the control member is controlled against a biasing force of the spring.

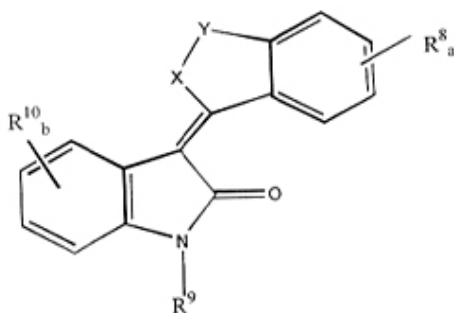


(54) Title of the invention : (3Z)-3-(3-HYDRO-ISOBENZOFURAN-1-YLIDENE)-1, 3-DIHYDRO-2H-INDOL-2-ONES AS KINASE INHIBITORS

(51) International classification	:A61K31/404; A61K31/454; A61K31/496	(71)Name of Applicant : 1)ALLERGAN, INC. Address of Applicant :2525 DUPONT DRIVE, T2-7H IRVINE, CA 92612 U.S.A.
(31) Priority Document No	:10/116,309	(72)Name of Inventor :
(32) Priority Date	:03/04/2002	1)ANDREWS STEVEN W
(33) Name of priority country	:U.S.A.	2)WURSTER JULIE A
(86) International Application No	:NA	3)HULL CLARENCE, E, III
Filing Date	:NA	4)WANG EDWARD H
(87) International Publication No	: NA	5)MALONE THOMAS
(61) Patent of Addition to Application Number	:NA	6)GUO XIALING
Filing Date	:NA	7)ZHU ZHEN
(62) Divisional to to Application Number	:1241/KOLNP/2004	8)WANG SHIMIAO
Filing Date	25/08/2004	

(57) Abstract :

The present invention relates to organic molecules capable of modulating tyrosine kinase signal transduction in order to regulate, modulate and/or inhibit abnormal cell proliferation.

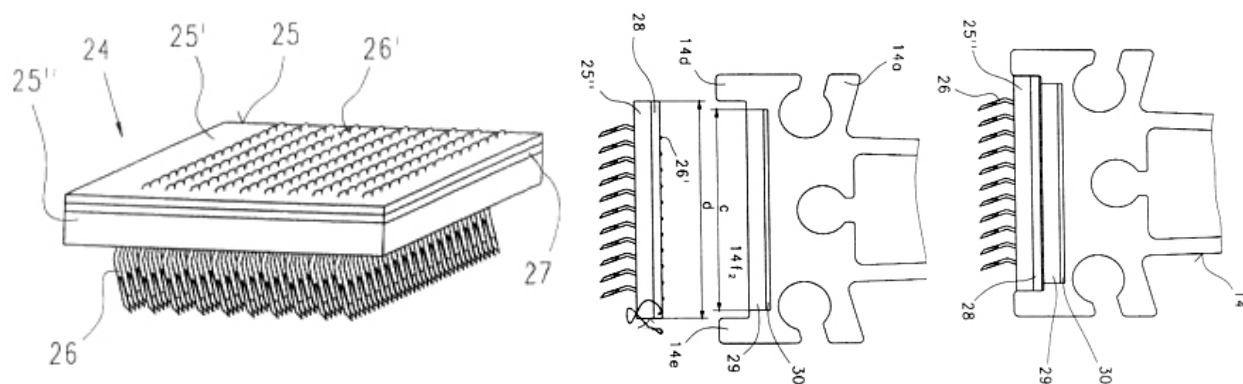


(54) Title of the invention : DEVICE AT A CARD FOR COTTON, SYNTHETIC FIBRES AND THE LIKE, IN WHICH AT LEAST ONE FLAT BAR HAVING A FLAT CLOTHING IS PRESENT

(51) International classification	:D01G13/00; D01G13/00	(71)Name of Applicant :
(31) Priority Document No	:102005029766.8	1)TRUTZSCHLER GMBH & CO. KG.
(32) Priority Date	:24/06/2005	Address of Applicant :DUVENSTR. 82-92, D-41199
(33) Name of priority country	:Germany	Monchengladbach Germany
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)THOMAS LANDMESSER
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

In a device at a card for cotton, synthetic fibres and the like, in which at least one flat bar having a flat clothing is present, wherein the flat clothing, preferably small wire hooks, arranged in a strip-shaped supporting layer, is attached to the flat bar and lies opposite to the clothing of a roller, for example of the cylinder, and at least the regions of the flat clothing that face the flat bar consist of an iron material, especially of steel, there is present between the flat bar and the regions of the flat clothing that face the flat bar at least one magnetic element. In order appreciably to increase the degree of adhesive forces between flat bar and clothing element in a structurally simple manner, the supporting body of the clothing strip comprises a sheet-like structure that consists at least in part of a ferromagnetic material.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.354/KOL/2006 A

(19) INDIA

(22) Date of filing of Application :19/04/2006

(43) Publication Date : 22/06/2007

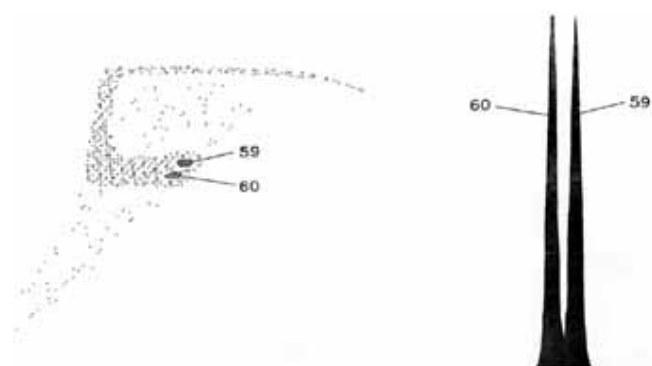
(54) Title of the invention : "A METHOD OF ISOLATING X-CHROMOSOME BEARING SPERM CELLS AND Y-CHROMOSOME BEARING SPERM CELLS"

(51) International classification	:A61B
(31) Priority Document No	:60/203,089
(32) Priority Date	:09/05/2000
(33) Name of priority country	:U.S.A.
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	IN/PCT/2002/01393
Filing Date	:12/11/2002

(71)**Name of Applicant :**
1)XY, INC.
Address of Applicant :1108 NORTH LEMAY AVENUE, FORT COLLINS, CO 80524, U.S.A.
(72)**Name of Inventor :**
1)EVANS KENNETH M
2)VAN MUNSTER ERIK B

(57) Abstract :

Isolated non-naturally occurring populations of spermatozoa (15) having high purity and technologies to differentiate spermatozoa (28) based on characteristics such as mass, volume, orientation, or emitted light including methods of analysis and apparatus such as beam shaping optics (30) and detectors (32).

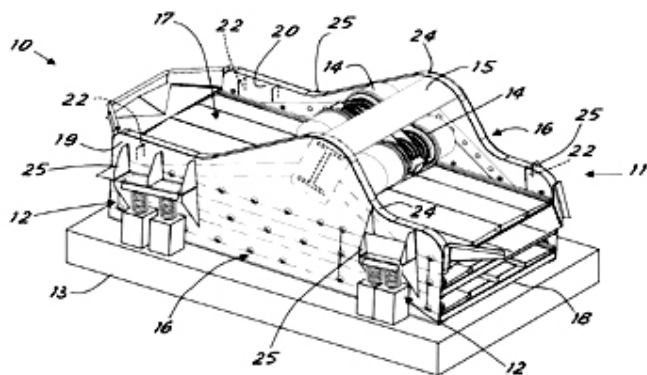


(54) Title of the invention : "HIGH PERFORMANCE VIBRATION SCREEN"

(51) International classification	:B07B1/46	(71)Name of Applicant :
(31) Priority Document No	:MI2005A	1)BERNARDI IMPIANTI INTERNATIONAL S.P.A.
(32) Priority Date	000810	Address of Applicant :VIALE VITTORIO VENETO 2/A 20124
(33) Name of priority country	:04/05/2005	MILANO MI Italy
(86) International Application No	:Italy	(72)Name of Inventor :
Filing Date	:NA	1)BARAGETTI, Sergio
(87) International Publication No	: NA	2)ZAPPA, Bruno Fausto
(61) Patent of Addition to Application Number	:NA	3)LAZZARETTO, Giovanni
Filing Date	:NA	4)CARLOTTO Mario Flavio
(62) Divisional to to Application Number	:NA	5)TERRANOVA Angelo
Filing Date	:NA	

(57) Abstract :

A vibration screen comprises a case-shaped body (11) with parallel side walls (16) between which perforated screening surfaces (17) are disposed and which is suspended by spring means (12) over a base (13) and is provided with vibrating devices (14). The side walls (16) are each at least partly made up of two plate sheets (19, 20) closely spaced and parallel, so that each of them forms one of the two faces of the wall and delimits a hollow space (21) therebetween. The sheets are interconnected with each other by means of interconnecting elements (22, 23) disposed in the hollow space.

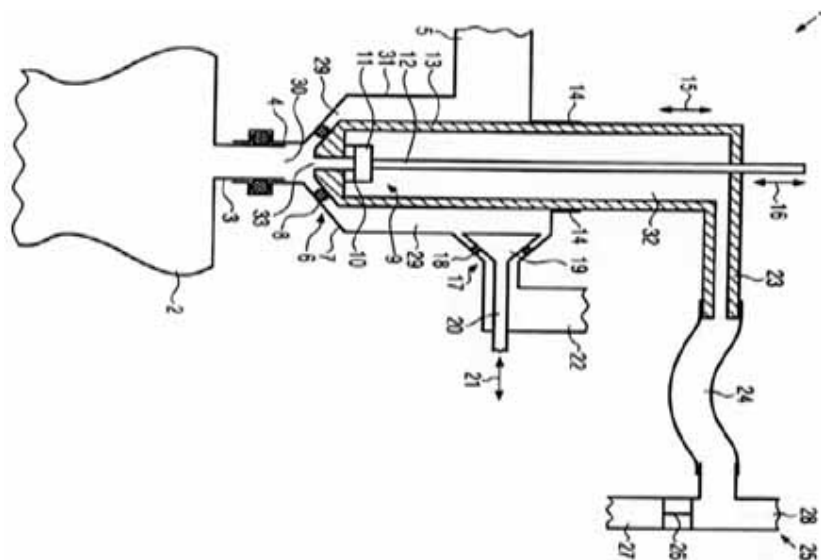


(54) Title of the invention : "METHOD AND APPARATUS FOR FILLING LIQUIDS INTO FOIL BAGS WITH A SPOUT"

(51) International classification	:B67C3/26; B65B3/16; B67C3/02	(71)Name of Applicant :
(31) Priority Document No	:05012577.2	1)INDAG GESELLSCHAFT FUR INDUSTRIEBEDARF MBH & CO. BETRIEBS KG
(32) Priority Date	:10/06/2005	Address of Applicant :RUDOLF-WILD-STRASSE 107-115 69214
(33) Name of priority country	:EUROPEAN UNION	EPPELHEIM Germany
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)WILD HANS-PETER
(87) International Publication No	: NA	2)KRAFT EBERHARD
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a method for filling liquids into foil bags (2) with a spout (3), the method comprising the steps of: mounting the spout (3) on a filling orifice (4); evacuating the foil bag (2) through the spout (3); filling the foil bag (2) with the liquid through the spout (3); sucking liquid out of the filling orifice (4); discharging a sterile gas through the spout (3) into the foil bag (2). Furthermore, the present invention relates to an apparatus (1) for filling liquids into foil bags (2) with a spout (3), the apparatus (1) comprising: a filling orifice (4) for mounting the spout (3) of the bag (2) on the filling orifice (4) in a spout position; a liquid path (29,30) which leads from a liquid supply line (5) to the filling orifice (4), the liquid path (29, 30) being adapted to be shut off with a filling valve (6); a gas path (32,33) which leads from a gas supply line (23, 24) to the filling orifice (4), a gas valve (9) being provided in the gas path (32, 33), and the gas path (32,33) terminating downstream of the filling valve (6) in the liquid path (29,30), and the gas supply line (24,23) being connectable either to a vacuum line (27) or to a sterile gas line (28).

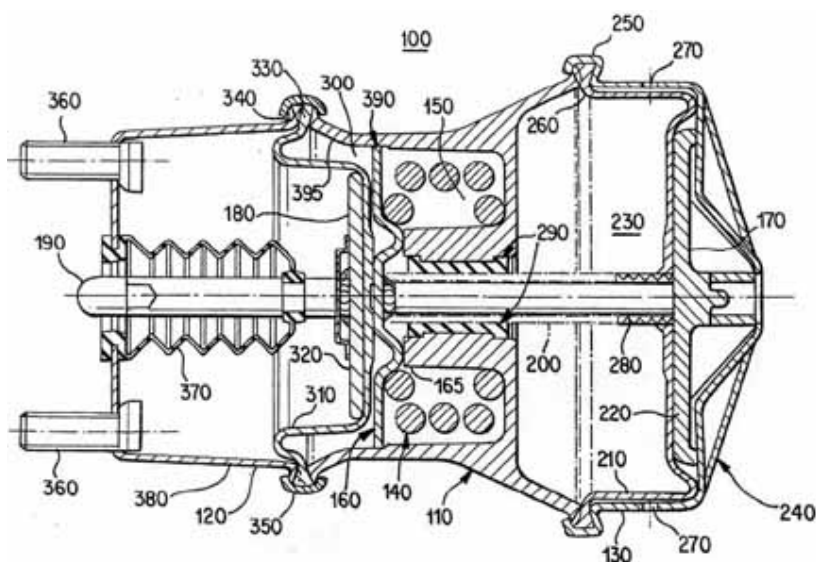


(54) Title of the invention : "STATIC/DYNAMIC PRESSURE-ENERGIZED SEAL FOR A BRAKE ACTUATOR"

(51) International classification	:B60T13/26	(71)Name of Applicant :	
(31) Priority Document No	:11/205,038	1)BENDIX COMMERCIAL VEHICLE SYSTEMS, LLC	
(32) Priority Date	:17/08/2005	Address of Applicant :901 CLEVELAND STREET ELYRIA OHIO	
(33) Name of priority country	:U.S.A.	44035 U.S.A.	
(86) International Application No	:NA	(72)Name of Inventor :	
Filing Date	:NA	1)SCHECKELHOFF KENNETH E.	
(87) International Publication No	: NA	2)PLANTAN RONALD S.	
(61) Patent of Addition to Application Number	:NA	3)DARNER BRETT S.	
Filing Date	:NA		
(62) Divisional to to Application Number	:NA		
Filing Date	:NA		

(57) Abstract :

A pressure-energized seal for a spring-type brake actuator for a vehicle brake, in which the actuator's power spring is located between the service brake actuator and parking brake release actuator. The power spring is captured between the actuator's intermediate flange and a spring retainer. In order to prevent pressure leakage past the spring retainer into a power spring cavity, a pressure-energized seal is located between the plate and the housing. The seal member, which is carried by the spring plate or the housing, has a pressure-receiving section with resilient outer portions, which are deflected by pressure in the service chamber into firm contact with the spring plate and the actuator housing interior wall, increasing the sealing force between the seal and both the plate and the housing. The pressure-energized seal provides improved seal performance with a seal which is easy to inspect and/or replace, highly reliable, and relatively inexpensive.

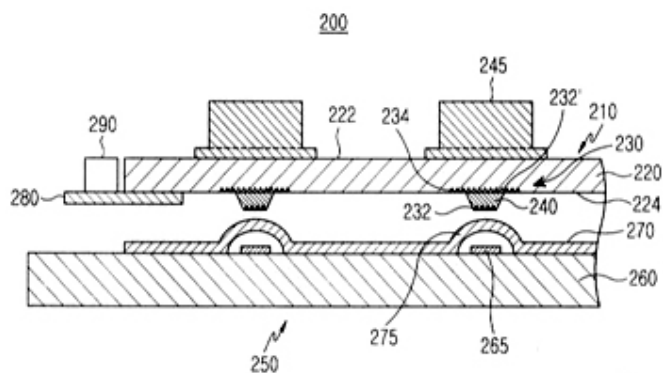


(54) Title of the invention : KEYPAD AND KEYPAD ASSEMBLY

(51) International classification	:H01H13/83; H01H13/70	(71)Name of Applicant :	1)SAMSUNG ELECTRONICS CO. LTD.
(31) Priority Document No	:42035/2005		Address of Applicant :416, MAETAN-DONG, YEONGTONG-GU
(32) Priority Date	:19/05/2005		SUWON-SI, GYEONGGI-DO Republic of Korea
(33) Name of priority country	:Republic of Korea	(72)Name of Inventor :	1)JOO-HOON LEE
(86) International Application No	:NA		2)SUN-TAE JUNG
Filing Date	:NA		3)KYOUNG-YOUM KIM
(87) International Publication No	: NA		4)BYUNG-DUCK CHO
(61) Patent of Addition to Application Number	:NA		5)DONG-HOON JANG
Filing Date	:NA		
(62) Divisional to to Application Number	:NA		
Filing Date	:NA		

(57) Abstract :

A keypad includes a light guide panel, the interior of which light propagates through; at least one key button positioned on the upper surface of the light guide panel; and at least one reflective pattern fixedly positioned with respect to the light guide panel to reflect a part of the light, which propagates through the interior of the light guide panel, towards the key button.

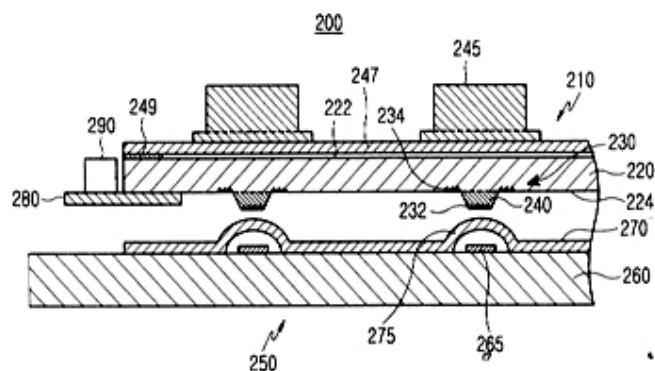


(54) Title of the invention : KEYPAD AND KEYPAD ASSEMBLY

(51) International classification	:H01H13/83; H01H13/70	(71)Name of Applicant :	1)SAMSUNG ELECTRONICS CO. LTD.
(31) Priority Document No	:42035/2005		Address of Applicant :416, MAETAN-DONG, YEONGTONG-GU
(32) Priority Date	:19/05/2005		SUWON-SI, GYEONGGI-DO, Republic of Korea
(33) Name of priority country	:Republic of Korea	(72)Name of Inventor :	1)JOO-HOON LEE
(86) International Application No	:NA		2)SUN-TAE JUNG
Filing Date	:NA		3)KYOUNG-YOUM KIM
(87) International Publication No	: NA		4)BYUNG-DUCK CHO
(61) Patent of Addition to Application Number	:NA		5)DONG-HOON JANG
Filing Date	:NA		
(62) Divisional to to Application Number	:NA		
Filing Date	:NA		

(57) Abstract :

A keypad includes a light guide panel, the interior of which light propagates through, a film positioned on the upper surface of the light guide panel and having at least one key button positioned on the upper surface thereof, and at least one reflective pattern fixedly positioned with respect to the light guide panel to reflect a part of the light, which propagates through the interior of the light guide panel, towards the key button.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.368/KOL/2006 A

(19) INDIA

(22) Date of filing of Application :21/04/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : COSMETIC DEVICE COMPRISING NONWOVEN WEB

(51) International classification	:B32B27/04, A61K9/70	(71) Name of Applicant : 1)JOHNSON & JOHNSON CONSUMER COMPANIES, INC. Address of Applicant :GRANDVIEW ROAD, NEW JERSEY CORPORATION U.S.A.
(31) Priority Document No	:11/116685	
(32) Priority Date	:27/04/2005	
(33) Name of priority country	:U.S.A.	(72) Name of Inventor :
(86) International Application No	:NA	1)EKNOIAN, MICHAEL W.
Filing Date	:NA	2)IP, RAYMOND
(87) International Publication No	: NA	3)POCCIA, III. JOHN F.
(61) Patent of Addition to Application Number	:NA	4)BRENNAN, JR. ROBERT ANDREW
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A cosmetic device comprising a solid or semi-solid cosmetic composition and a unitary. nonwoven web is provided. During use of the device by a consumer, the nonwoven web penetrates a surface of the composition, thereby providing a discontinuous surface to the cosmetic device. The cosmetic composition may be a cleansing composition.

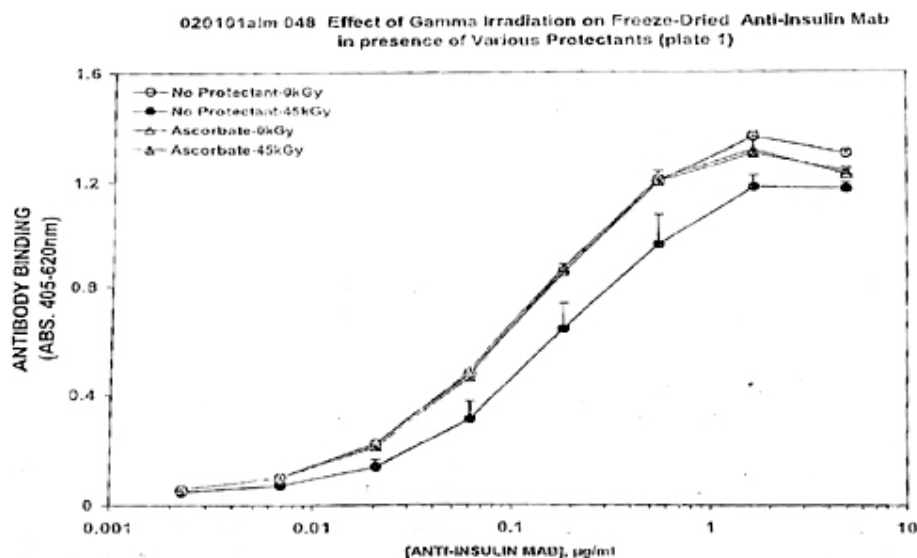
(54) Title of the invention : METHODS FOR STERILIZING BIOLOGICAL MATERIALS

(51) International classification :A61L2/08; A61L2/00
 (31) Priority Document No :09/533,547
 (32) Priority Date :23/03/2000
 (33) Name of priority country :U.S.A.
 (86) International Application No :NA
 Filing Date :NA
 (87) International Publication No :NA
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number IN/PCT/2002/01194/KOL
 Filed on 23/09/2002

(71)Name of Applicant :
1)CLEARANT, INC.
 Address of Applicant :SUITE 650, 11111 SANTA MONICA
 BOULEVARD, LOS ANGELES, CA 90025 U.S.A.
 (72)Name of Inventor :
1)KENT, RANDALL, S
2)HORTON, EDWARD A

(57) Abstract :

Methods are disclosed for sterilizing biological products to reduce the level of active biological contaminants such as viruses, bacteria, yeasts, molds, mycoplasmas and parasites.

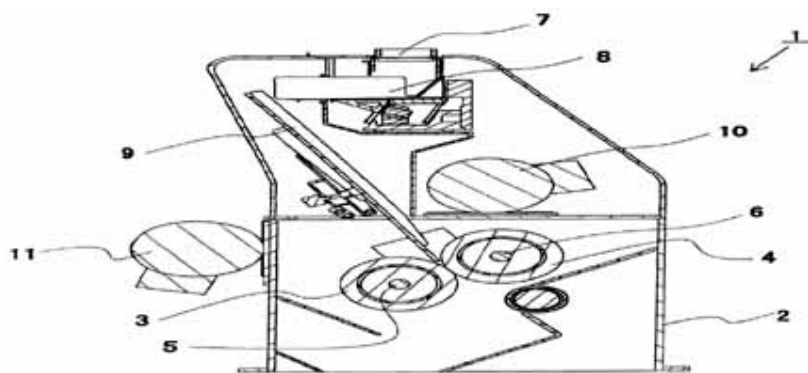


(54) Title of the invention : "RICE HULLING ROLL DRIVING APPARATUS IN RICE HULLER"

(51) International classification	:B02B3/00	(71)Name of Applicant :
(31) Priority Document No	:136660/2005	1)SATAKE CORPORATION
(32) Priority Date	:09/05/2005	Address of Applicant :7-2, SOTOKANDA 4-CHOME, CHIYODA-
(33) Name of priority country	:Japan	KU, TOKYO 101-0021 Japan
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)KOREDA MINORU
(87) International Publication No	: NA	2)KAGOTA HIROYUKI
(61) Patent of Addition to Application Number	:NA	3)YORIOKA SEIJI
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A first large-diameter pulley and a second small-diameter pulley are attached to a second roll shaft. This configuration makes it possible to switch between a first driving state in which a rice hulling operation is performed by passing and driving a belt between the first small-diameter pulley on the first roll shaft and the first large-diameter pulley on the second roll shaft and a second driving state in which a rice hulling operation is performed by passing and driving a belt between the second large-diameter pulley on the first roll shaft and the second small-diameter pulley on the second roll shaft.

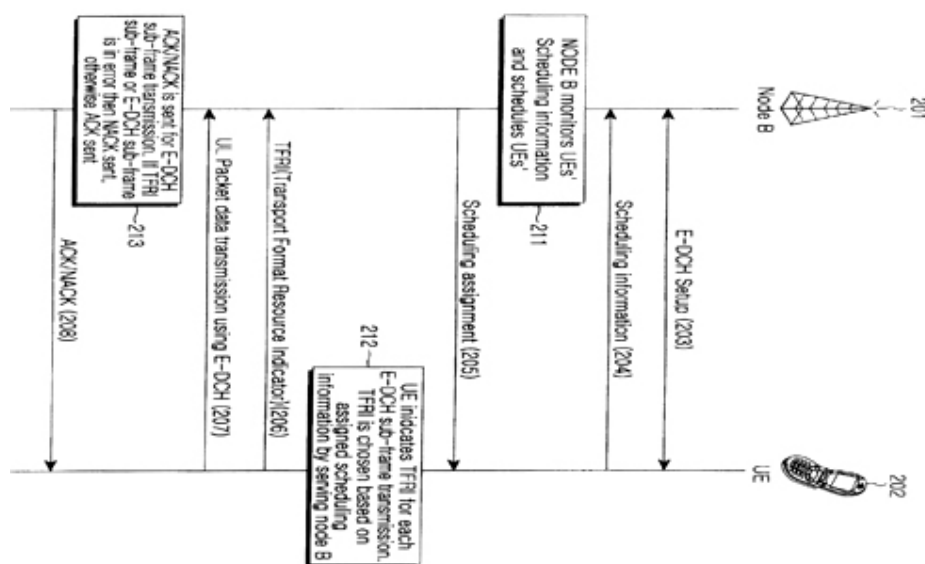


(54) Title of the invention : METHOD AND APPARATUS FOR DETERMINING TRANSPORT PARAMETERS FOR PHYSICAL LAYER TO PROVIDE UPLINK PACKET DATA SERVICE IN A MOBILE COMMUNICATION SYSTEM

(51) International classification	:H04B7/26; H04L12/56; H04B7/26	(71)Name of Applicant : 1)SAMSUNG ELECTRONICS CO. LTD. Address of Applicant :416 MAETAN-DONG, YEONGTONG-GU SUWON-SI, GYEONGGI-DO Republic of Korea
(31) Priority Document No	:34772/2005	(72)Name of Inventor : 1)YOUN-HYOUNG HEO
(32) Priority Date	:26/04/2005	2)JU-HO LEE
(33) Name of priority country	:Republic of Korea	3)YOUNG-BUM KIM
(86) International Application No	:NA	4)YONG-JUN KWAK
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method and apparatus for determining a spreading factor (SF) of a physical layer and number of bits for a physical channel in order to support a transport format combination (TFC) of an uplink dedicated channel in data transmission on the uplink dedicated channel in a mobile communication system are provided. A parameter decider selects, among available physical channel bit sizes, a bit size that minimizes bit repetition and does not require an additional physical channel. Accordingly, the hardware resources of a receiver are efficiently utilized.

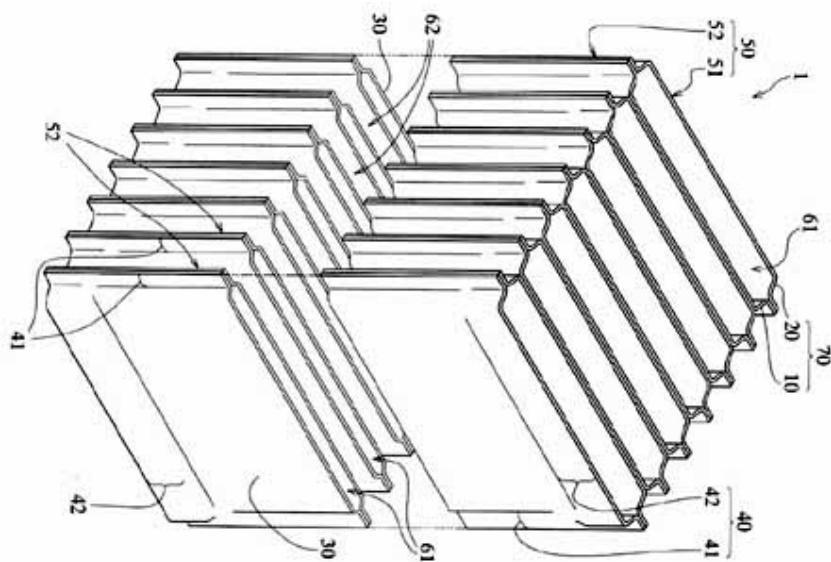


(54) Title of the invention : HEAT EXCHANGE UNIT

(51) International classification	:F28D9/00	(71)Name of Applicant :
(31) Priority Document No	:137538/2005	1)XENESYS INC.
(32) Priority Date	:10/05/2005	Address of Applicant :20-23, NISIKIGAOKA 3-CHOME UOZUMI-CHO AKASHI-SHI HYOGO-KEN Japan
(33) Name of priority country	:Japan	(72)Name of Inventor :
(86) International Application No	:NA	1)MATSUZAKI TOYOAKI
Filing Date	:NA	2)WATANABE TARO
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A heat exchange unit (1) includes first and second plates (10,20), which are identical in configuration in a central irregularity pattern section (30), but different in configuration in a peripheral area (40,50). The first plate (10) has first terraced sections (41) projecting outward relative to a remaining part having a first flat section (42). The second plate (20) has a second terraced section (51) projecting outward relative to a remaining part having a second flat section (52). The first and second plates are placed alternately one upon another so that surfaces of said irregularity pattern sections (30) face a same direction. The first terraced sections (41) of the first plates (10) come into contact with the second flat sections (52) of the second plates (20) and the first flat sections (42) of the first plates (10) come into contact with the second terraced sections (51) of the second plates (20). The first and second plates are welded to each other at contact areas.



(54) Title of the invention : CURRENT-CONTROLLED/DRIVEN COMPENSATING/STRENGTHENING DEVICE

(51) International classification

:H02K41/02

(31) Priority Document No

:094114558

(32) Priority Date

:05/05/2005

(33) Name of priority country

:Chinese

(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 to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

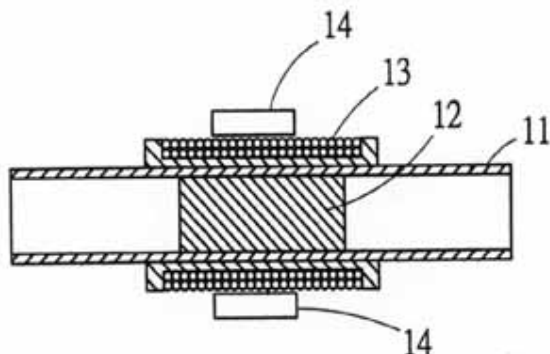
1)LIU MING-HWAAddress of Applicant :NO.117 CHUNG CHUN ROAD PEI TOU
CHEN CHANG HUA HSIEN TAIWAN China**2)CHEN BRIAN D.F.****3)CHIEN CHIN-PANG**

(72)Name of Inventor :

1)LIU MING-HWA**2)CHEN BRIAN D.F.****3)CHIEN CHIN-PANG**

(57) Abstract :

A current-controlled/driven compensating/strengthening device including a chamber, a driven piece, a coil and at least one compensator. The driven piece has a certain length and a shape corresponding to the shape of the interior of the chamber. The driven piece is movably disposed in the chamber. The coil is arranged around the chamber and connected with a circuit for providing current for the coil to drive and move the driven piece. The compensator is disposed on outer side of the chamber. When the coil is powered on, the compensator serves to compensate and strengthen the magnetic line acting on the driven piece. Accordingly, the action force applied to the driven piece is strengthened.

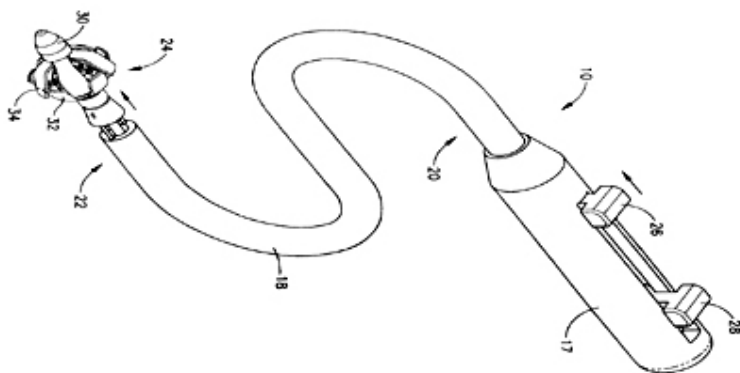


(54) Title of the invention : SHEATHLESS ANASTOMOTIC RING APPLIER DEVICE

(51) International classification	:A61B17/04; A61B17/11; A61B17/115	(71)Name of Applicant : 1)ETHICON ENDO-SURGERY, INC. Address of Applicant :4545 CREEK ROAD CINCINNATI, OH 45242 U.S.A.
(31) Priority Document No	:11/121216	(72)Name of Inventor :
(32) Priority Date	:03/05/2005	1)MARK S, ORTIZ
(33) Name of priority country	:U.S.A.	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A surgical tool or applier for deploying an anastomotic ring comprises a handle connected to an elongate shaft that terminates in an anastomotic ring deployment mechanism. The ring deployment mechanism is moveable from an unactuated position to an actuated position. In order to prevent tissue from becoming trapped in the ring deployment mechanism during insertion or extraction of the tool, a plurality of panels are configured to enclose portions of the ring deployment mechanism during insertion and extraction, where the ring deployment mechanism is in the unactuated position. The panels are moveable with the ring deployment mechanism to the actuated position, in which the ring deployment mechanism is able to deploy the anastomotic ring.

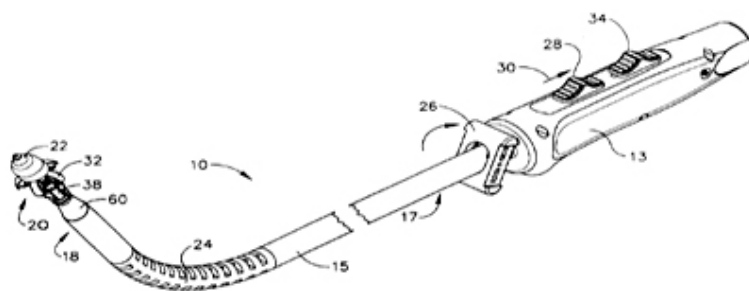


(54) Title of the invention : ARTICULATING ANASTOMOTIC RING APPLIER

(51) International classification	:A61B17/11	(71)Name of Applicant :
(31) Priority Document No	:11/121345	1)ETHICON ENDO-SURGERY, INC.
(32) Priority Date	:03/05/2005	Address of Applicant :4545 CREEK ROAD CINCINNATI, OH
(33) Name of priority country	:U.S.A.	45242 U.S.A.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)MARK S.ORTIZ
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A surgical instrument for applying an anastomotic ring device comprises a handle connected to an anastomotic ring deployment mechanism by a shaft. The shaft has at least one articulation joint that is capable of articulating in at least one direction to allow the surgeon to alter the angle of approach in order to compensate for disadvantageous placement of a trocar port through which the instrument is inserted. An articulation joint may comprise a ribbed member. One or more cables may be used to effect articulation of the articulation joint.



(19) INDIA

(22) Date of filing of Application :26/04/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : "A WRIST COMMUNICATION DEVICE HAVING MULTI-SECTIONED KEYPAD AND ANTENNA SYSTEM"

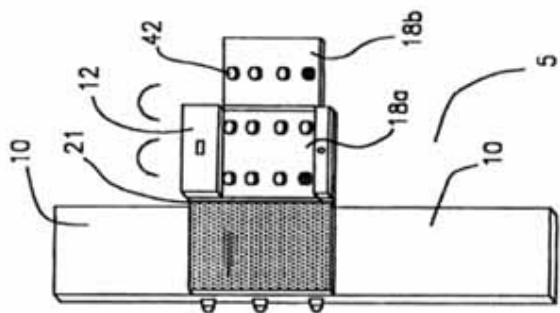
(51) International classification	:H04M
(31) Priority Document No	:09/330,728
(32) Priority Date	:11/06/1999
(33) Name of priority country	:U.S.A.
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:IN/PCT/2001/01292
Filing Date	07/12/2001

(71) **Name of Applicant :**
1) GHASSABIAN FIROOZ
 Address of Applicant : 11 LOCUST COVE LANE, GREAT NECK,
 NY 11024 U.S.A.

(72) **Name of Inventor :**
1) GHASSABIAN FIROOZ

(57) Abstract :

A wrist-mounted communication device (5) comprising a cellular phone mechanism (20) configured to transmit and receive communication signals. The device includes an antenna system (25) so as to transmit and receive signals. The antenna system further comprises atleast one antenna (25) extendable away from the horizontal plane of the communication device.

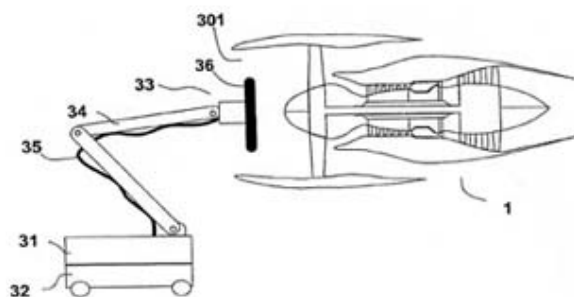


(54) Title of the invention : SYSTEM FOR WASHING AN AERO GAS TURBINE ENGINE

(51) International classification	:B01D19/00; B01D35/01	(71)Name of Applicant :
(31) Priority Document No	:PCT/SE2004/000922	1)GAS TURBINE EFFICIENCY AB
(32) Priority Date	:14/06/2004	Address of Applicant :Box 633 SE-175 27 JARFALLA sweden
(33) Name of priority country	:Sweden	Sweden
(86) International Application No	:PCT/EP2005/052643	(72)Name of Inventor :
Filing Date	:08/06/2005	1)Mr.carl-johan Hjerpe
(87) International Publication No	:WO 2005/120953	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

System for washing a gas turbine engine (1), The system comprises a spray device (33;90) Including at least one nozzles (54) adapted to inject liquid into an inlet (110) of said engine during a washing operation; a wash unit (31,35) adapted to distribute said liquid to said spray device (33; 90) and a positioning device (34) adapted to move said spray device in three dimensions, thereby enabling a positioning of said spray device in a washing operation position in said three dimensions relative said engine inlet (110) without any contact between the spray device (33; 90) and the engine (1). The invention further relates to a vehicle for making the inventive system mobile and to a mobile system for serving a gas turbine engine (1) comprising a mobile vehicle carrying the washing system and a liquid collecting unit (116) comprising a collecting device (114) adapted to collect waste wash liquid emanating from the engine during a washing operation of the engine.

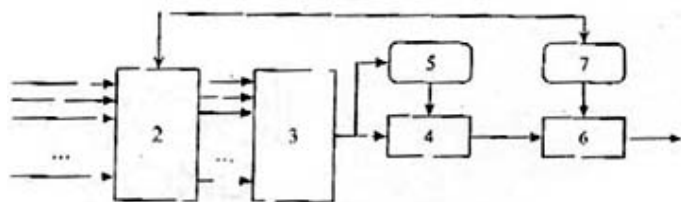


(54) Title of the invention : METHOD OF OBTAINING SPECTRAL VOIDS IN THE TRANSMISSION OF SIGNALS OVER THE ELECTRIC NETWORK

(51) International classification	:H04J1/00; H04J1/00	(71)Name of Applicant :
(31) Priority Document No	:P200401502	1)DISEÑO DE SISTEMAS EN SILICIO,S.A.
(32) Priority Date	:18/06/2004	Address of Applicant :CHARLES ROBERT DARWIN,2,PARQUE
(33) Name of priority country	:Spain	TECNOLOGICO,E-46980,PATERNA(VALENCIA),SPAIN Spain
(86) International Application No	:PCTES2005000315	(72)Name of Inventor :
Filing Date	:02/06/2005	1)BLASCO CLARET JORGE VICENTE
(87) International Publication No	:WO 2006/000602	2)RIVEIRO INSUA JUAN CARLOS
(61) Patent of Addition to Application Number	:NA	3)IRANZO MOLINERO SALVADOR
Filing Date	:NA	4)TORRES CANTON LUIS MANUEL
(62) Divisional to Application Number	:NA	5)ABAD MOLINA JOSE
Filing Date	:NA	

(57) Abstract :

The invention relates to a method of obtaining spectral voids in the transmission of signals over the electric network. The inventive method enables signals no be transmitted over the electric network with a suitable power spectral density, such that said power spectral density is adjusted to the existing regulations with the possibility of spectral voids being introduced into the transmission in an efficient manner. The invention is characterised by the adjustment of the power in one or more OFDM signal carriers for generation of the aforementioned voids, the use of IDFTs of at least 1024 points (if the IDFT is complex) or at least 2048 points (if the IDFT is real) and the use of a window which multiplies the symbols to be transmitted over time.

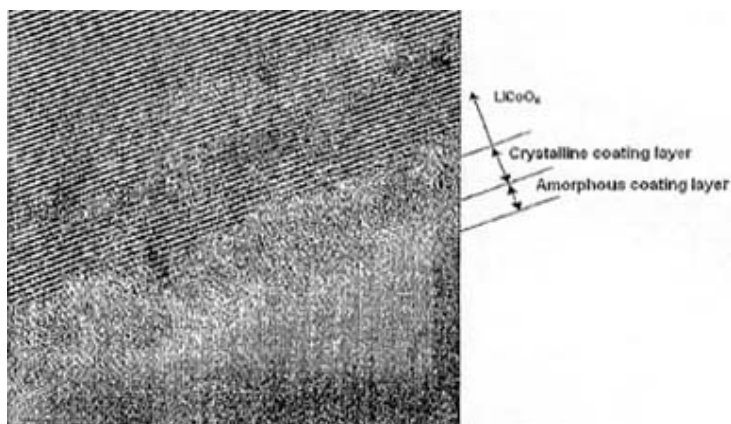


(54) Title of the invention : "ELECTRODE ACTIVE MATERIAL WITH MULTI-ELEMENT BASED OXIDE LAYERS AND PREPARATION METHOD THEREOF"

(51) International classification	:C01B 25/37	(71)Name of Applicant :
(31) Priority Document No	:10-2004-0070094	1)LG CHEM, LTD.
(32) Priority Date	:02/09/2004	Address of Applicant :20,YOIDO-DONG,YOUNGDUNGPO-GU,SEOUL 150-721,REPUBLIC OF KOREA Republic of Korea
(33) Name of priority country	:Republic of Korea	(72)Name of Inventor :
(86) International Application No	:PCTKR2005002909	1)AHN SOON-HO
Filing Date	:02/09/2005	2)OH BYUNG-HUN
(87) International Publication No	:WO 2006/025707	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Disclosed is an electrode active material comprising: (a) electrode active material particles capable of lithium intercalation/deintercalation; and (b) a multinary oxide coating layer partially or totally formed on the surface of the electrode active material particles, the multinary oxide coating layer comprising Al, P and a halogen element. A method for preparing the electrode active material, an electrode using the electrode active material, and an electrochemical device comprising the electrode, preferably a lithium secondary battery, are also disclosed. The electrode active material comprising a multinary oxide coating layer has improved structural stability and thermal safety, and thus can provide an electrochemical device having high capacity, long service life and excellent safety.

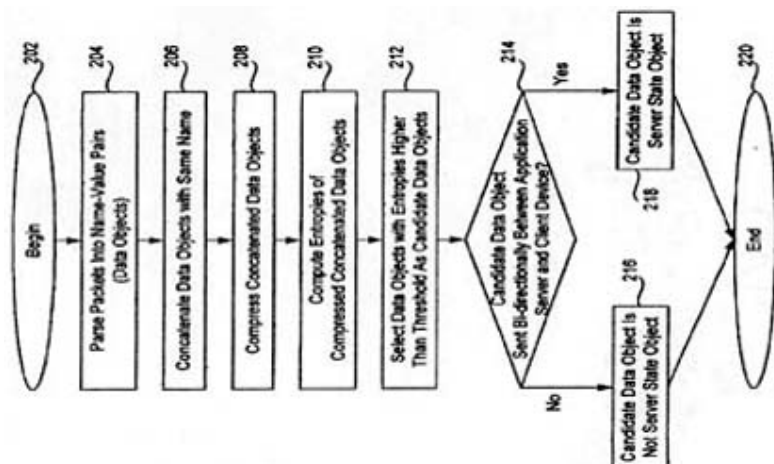


(54) Title of the invention : "INTERFERRING SERVER STATE IN A STATELESS COMMUNICATION PROTOCOL

(51) International classification	:G06F15/16; G06F15/16	(71)Name of Applicant :
(31) Priority Document No	:10/877,362	1)TEROS,INC
(32) Priority Date	:25/06/2004	Address of Applicant :328 GIBRALTER DRIVE,SUNNYVALE,CA 94089, U.S.A.
(33) Name of priority country	:U.S.A.	(72)Name of Inventor :
(86) International Application No	:PCTUS2005020919	1)CHAUHAN ABHISHEK
Filing Date	:13/06/2005	
(87) International Publication No	:WO 2006/011987	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Server state objects are identified by an intermediate server among packets transmitted between an application server and a client device on a network based upon a stateless communication protocol, by monitoring and analyzing the packets transmitted between the application server and the client device. The packets are parsed into a plurality of namevalue pairs. The entropy of the name-value pairs having a same name field is computed, and candidate data objects that are likely to be server state objects are selected based upon the computed entropy. Candidate data objects that were transmitted bi-directionally between the application server and the client device are identified as server state objects.

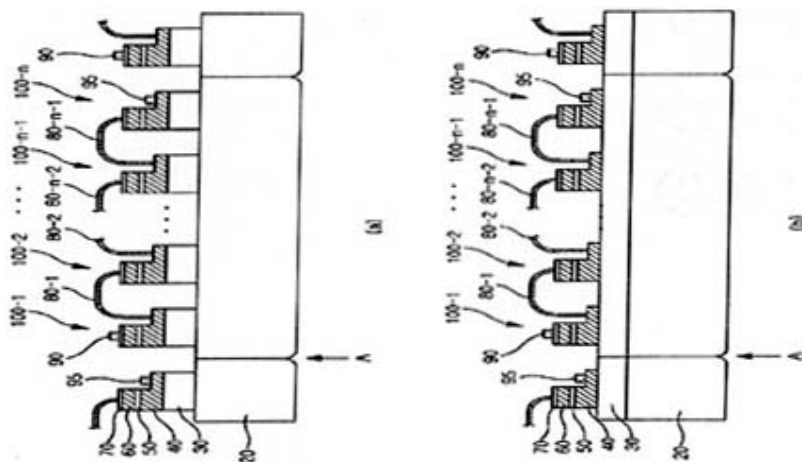


(54) Title of the invention : "LIGHT EMITTING ELEMENT WITH A PLURALITY OF CELLS BONDED, METHOD OF MANUFACTURING THE SAME , AND LIGHT EMITTING DEVICE USING THE SAME"

(51) International classification	:H01L33/00	(71)Name of Applicant :
(31) Priority Document No	:10-2004-0049906	1)SEOUL OPTO-DEVICE CO.,LTD.
(32) Priority Date	:30/06/2004	Address of Applicant :1 BLOCK 36,725-5 WONSI-
(33) Name of priority country	:Republic of Korea	DONG,DANWON-GU,ANSAN 425-851,REPUBLIC OF KOREA
(86) International Application No	:PCTKR2005002033	Republic of Korea
Filing Date	:29/06/2005	(72)Name of Inventor :
(87) International Publication No	:WO 2006/004337	1)LEE CHUNG-HOON
(61) Patent of Addition to Application Number	:NA	2)LEE KEON YOUNG
Filing Date	:NA	3)YVES LACROIX
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a light emitting element with arrayed cells, a method of manufacturing the same, and a light emitting device using the same. The present invention provides a light emitting element including a light emitting cell block with a plurality of light emitting cells connected in series or parallel on a single substrate, and a method of manufacturing the same, wherein each of the plurality of light emitting cells includes an N-type semiconductor layer and a P-type semiconductor layer, and the N-type semiconductor layer of one light emitting cell is electrically connected to the P-type semiconductor layer of another adjacent light emitting cell. Further, the present invention provides a light emitting device including a light emitting element with a plurality of light emitting cells connected in series. Accordingly, it is possible to simplify a manufacturing process of a light emitting device for illumination capable of being used with a household AC power source, to decrease a fraction defective occurring in manufacturing a light emitting device for illumination, and to mass-produce the light emitting device for illumination. Further, there is an advantage in that DC driving efficiency can be enhanced in an AC operation by installing a predetermined rectifying circuit outside the light emitting element.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.3806/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :18/12/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : "USE OF L-CARNITINE AND GLUCOSE FOR TREATMENT OF CARDIOVASCULAR DISEASES

(51) International classification	:A61K45/06; A61K31/20	(71)Name of Applicant :
(31) Priority Document No	:RM2004A000346	1)SIGMA-TAU INDUSTRIE FARMACEUTICHE RIUNITE
(32) Priority Date	:13/07/2004	S.P.A.
(33) Name of priority country	:Italy	Address of Applicant :VIALE SHAKESPEARE 47,I-00144 ROMA ,
(86) International Application No	:PCTEP2005/006657	Italy
Filing Date	:21/06/2005	(72)Name of Inventor :
(87) International Publication No	:WO 2006/005415	1)KOVERECH ALEARDO
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The use of L-carnitine, or one of its pharmaceutically acceptable salts, is described in combination with glucose for the preparation of a medicament useful for diminishing the number of deaths caused by acute myocardial infarction, for reducing the number of days infarction patients spend in intensive care in hospital, and for reducing the number of episodes of post-infarction heart failure, in which the L-carnitine is administered intravenously within only a few hours of the onset of symptoms of acute myocardial infarction at an initial dose of 9 grams a day in combination with 1000-1500 mL of a 5% glucose solution for 5 days, after which the L-carnitine treatment is continued at a dose of 4 grams a day administered orally.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3807/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :18/12/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : "BUBBLER FOR CONSTANT VAPOR DELIVERY OF A SOLID CHEMICAL"

(51) International classification	:C23C16/448; C23C16/4	(71) Name of Applicant : 1)AKZO NOBEL N.V. Address of Applicant :VELPERWEG 76,NL-6824,BM ARNHEM,THE NETHERLANDS U.S.A.
(31) Priority Document No	:60/572,687	(72) Name of Inventor :
(32) Priority Date	:20/05/2004	1)TRAN,NAM,HUNG
(33) Name of priority country	:U.S.A.	2)DEAVENPORT,DANNIS,LEON
(86) International Application No	:PCT/EP2005/052247	3)KO,TAEHO
Filing Date	:17/05/2005	4)EL-ZEIN,NADA
(87) International Publication No	:WO 2005/113857	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A bubbler chamber assembly comprising one chamber or two or more chambers connected in series all chambers being in substantially vertical orientation. A solid or liquid source of the compound is contained in the chamber or chambers. The ratio between the length of the chamber or combined length of chambers connected in series with respect to the direction of flow of the earner gas through the chamber or chambers and the average diameter equivalent of the cross section of the chamber or chambers with respect to the direction of flow of the carrier gas through the chamber or chambers is not less than about 6:1.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3808/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :18/12/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : "FEEDER INDEPENDENT EXTENDED CULTURE OF EMBRYONIC STEM CELLS"

(51) International classification	:C12N5/06; C12N5/06	(71) Name of Applicant : 1)WICELL RESEARCH INSTITUTE,INC. Address of Applicant :614,WALNUT STREET,P.O.BOX 7365,MADISON,WI-53707-7365, U.S.A.
(31) Priority Document No	:60/573,545	
(32) Priority Date	:21/05/2004	
(33) Name of priority country	:U.S.A.	(72) Name of Inventor :
(86) International Application No	:PCT/US2005/017931	1)XU,REN-HE
Filing Date	:20/05/2005	2)THOMSON,JAMES,A
(87) International Publication No	:WO 2005/113755	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Previous methods for culturing human embryonic stem cells have required either fibroblast feeder cells or a medium which has been exposed to fibroblast feeder cells in order to maintain the stem cells in an undifferentiated state. It has now been found that if an antagonist of bone morphogenic protein is added to the medium in which the stem cells are cultured, together with fibroblast growth factor, the stem cells will remain undifferentiated indefinitely, even without feeder cells or conditioned medium.

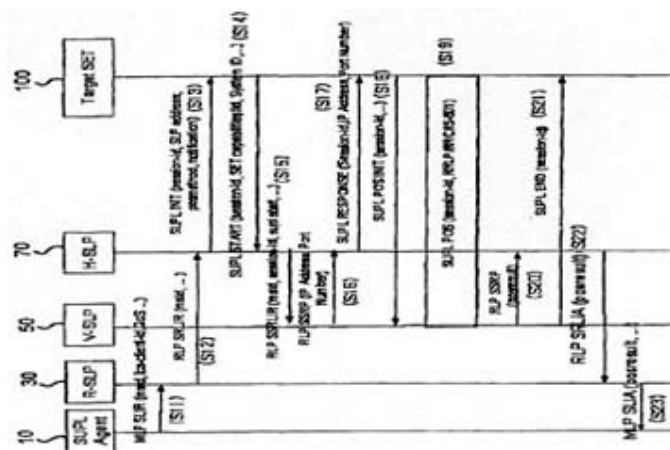
(54) Title of the invention : "ROAMING METHOD AND SYSTEM IN LOCATION INFORMATION SYSTEM"

(51) International classification :H04L12/46
 (31) Priority Document No :60/608,903
 (32) Priority Date :13/09/2004
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/KR2005/002737
 Filing Date :19/08/2005
 (87) International Publication No :WO 2006/031022
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :
1)LG ELECTRONICS INC.
 Address of Applicant :20,YOIDO-DONG,YONGDUNGPO-GU,SEOUL,150-010,REPUBLIC OF KOREA U.S.A.
 (72)Name of Inventor :
1)SHIM,DONG-HEE

(57) Abstract :

A roaming method and system using a SUPL (Secure User Plane Location)-based location information system, are provided. According to an aspect of the present invention, the method can include the steps of establishing a transmission control protocol (TCP) connection between a target terminal and a visited network associated with the target terminal, if position information of the target terminal is requested; and obtaining, by the target terminal or a location server in the visited network, the position information of the target terminal, through the established TCP connection and without a TCP connection between the target terminal and a home network of the target terminal.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.3810/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :18/12/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : "COMPOSITIONS AND METHODS FOR THE STIMULATION OR ENHANCEMENT OF BONE FORMATION AND THE SELF-RENEWAL OF CELLS"

(51) International classification	:A61K38/17
(31) Priority Document No	:10/849,643
(32) Priority Date	:19/05/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2005/017420
Filing Date	:18/05/2005
(87) International Publication No	:WO 2005/112981
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71) Name of Applicant : 1)ENZO THERAPEUTICS INC. Address of Applicant :C/O ENZO THERAPEUTICS INC. 527 MADISON AVENUE,9th FLOOR,NEW YORK,NEW YORK 10022, U.S.A.
(72) Name of Inventor : 1)LI XIAOFENG 2)LIU PENG 3)LIU WENZHONG 4)ENGELHARDT,DEAN 5)WU DIANQING

(57) Abstract :

Compositions and methods for the treatment of bone diseases, bone fractures, bone injuries and other bone abnormalities involving the use of Dkk protein, a Wnt antagonist, a Wnt inhibitor, or any other related protein for the stimulation or enhancement of mineralization and for stimulating the renewal of cells. One Dkk protein, Dickkopf-2 (Dkk-2) acts to stimulate bone formation independently of Wnt proteins which may be inhibited and/or antagonized by Dkk-2. Dkk-2 displayed enhanced specific targeting ability and enhanced biological activity in stimulating or enhancing mineralization. Dkk-2 also played a role in the differentiation and self-renewal of hematopoietic stem cells and mesenchymal stem cells, particularly in osteoblastogenesis and osteoclastogenesis.

(54) Title of the invention : BRASSICA INDEHISCENT1 SEQUENCES

(51) International classification :A01H1/00;
 A01H1/00;
 (31) Priority Document No :60/608,967
 (32) Priority Date :18/06/2004
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2005/020705
 Filing Date :09/06/2005
 (87) International Publication No :WO 2006/009649
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :
1)THE REGENTS OF THE UNIVERSITY OF CALIFORNIA.
 Address of Applicant :1111 FRANKLIN STREET,12th
 FLOOR,OAKLAND,CALIFORNIA 94607 U.S.A.
 (72)Name of Inventor :
1)YANOFSKY MARTIN F.
2)KEMPIN SHERRY

(57) Abstract :

The present application provides Brassica INDEHISCENT1 (BIND) sequences.

```

IND protein      M M E N G D E Y K K K V C D S C V S E K K A D A A H S P K R S S M E T P Q P H H L L
Br ind1aa-SK377  M Y K R K Y A S L V G R L Y M S C E K A D A A A T A T V M M E P Q P H H L L
Br ind2aa-SK378aa

IND protein      L M L Q W N R I A N D L L Y C E S A F L H D P H H L M C D P P P E T Y L L H L D
Br ind1aa-SK377  L M A W N R P L D L I T O E N S - - F H H R P H T M V D P P S E T L S H F Q P P
Br ind2aa-SK378aa  L M R W N R P L D L I T E N S - - F H H R P H T M V D P P S E T L S H F Q P P

IND protein      P T P P S Q P G G G T E A - - - E D L E L Y D E C M D A M K E M Q V M T A L Y R Q P
Br ind1aa-SK377  P T P P S Q P G G G T E A - - - E D L E L Y D E C M D A M K E M Q V M T A L Y R Q P
Br ind2aa-SK378aa  P T P P S Q P G G G T E A - - - E D L E L Y D E C M D A M K E M Q V M T A L Y R Q P

IND protein      V D L D F A T V P K P R R R N V R V S D D P G T V V A R R R R E R I S E K I R
Br ind1aa-SK377  V D L D F A T V P K P R R R N V R V S D D P G T V V A R R R R E R I S E K I R
Br ind2aa-SK378aa  V D L D F A T V P K P R R R N V R V S D D P G T V V A R R R R E R I S E K I R

IND protein      L K A E I V P G G A K M D A S M L D E A I R Y T K F L K R O V E T L Q P H S Q
Br ind1aa-SK377  L K R M V P G G A K M D A S M L D E A I R Y T K F L K R O V E T L Q P H S Q
Br ind2aa-SK378aa  L K R M V P G G A K M D A S M L D E A I R Y T K F L K R O V E T L Q P H S Q

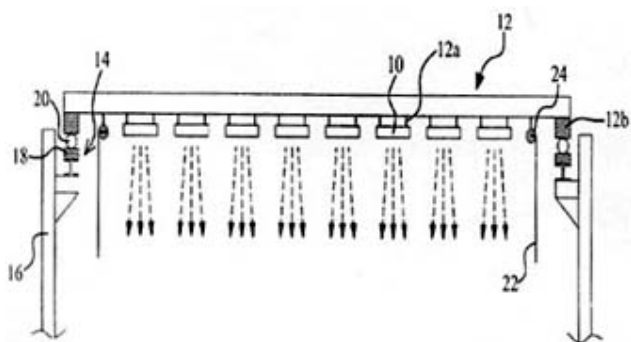
IND protein      G A P M A N F E Y L C V Y H R S Q P
Br ind1aa-SK377  G A P M A N F E Y L C V Y H R S Q P
Br ind2aa-SK378aa  - - - I A W S L Y N
  
```

(54) Title of the invention : DRYING UNIT USING FAR INFRARED RAYS, DRYING APPARATUS USING THE UNIT AND WAVEGUIDE FOR THE APPARATUS

(51) International classification	:F26B3/30; F26B3/00	(71)Name of Applicant :
(31) Priority Document No	:10-2004-0043553	1)CHO KUK RAE
(32) Priority Date	:14/06/2004	Address of Applicant :106-507 BUYOUNG
(33) Name of priority country	:Republic of Korea	APARTMENT,477,CHUNGAN-DONG,JINHAE-SI,KYUNGNAM 645-
(86) International Application No	:PCT/KR2005/001799	764,REPUBLIC OF KOREA Republic of Korea
Filing Date	:14/06/2005	(72)Name of Inventor :
(87) International Publication No	:WO 2005/121670	1)CHO KUK RAE
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Disclosed is a far infrared drying apparatus, including: at least one far infrared drying unit, which is heated by an electric heating element and converts heat energy into far infrared rays, namely, electromagnetic wave energy; a support frame for supporting the at least one far infrared drying unit; a moving device for moving the support frame; and a waveguide for guiding the far infrared rays over a long distance onto an object to be dried.



(54) Title of the invention : CATALYST SUPORT FOR AN ELECTROCHEMICAL FUEL CELL

(51) International classification :B01J 27/22
 (31) Priority Document No :10 873,760
 (32) Priority Date :22/06/2004
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2005/022043
 Filing Date :22/06/2005
 (87) International Publication No :WO 2006/002228
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

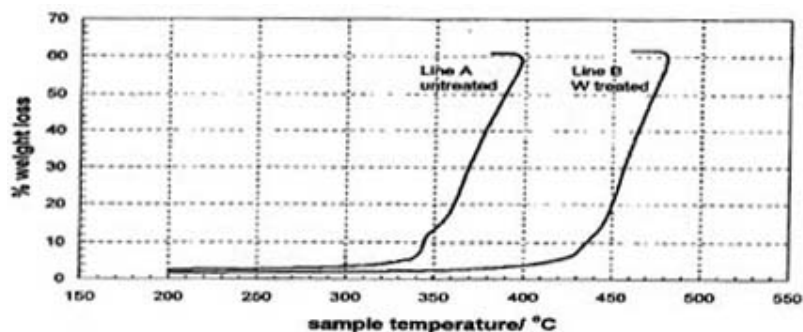
1)BALLARD POWER SYSTEMS INC.Address of Applicant :4343 NORTH FRESER
WAY,BURNABY,BRITISH COLUMBIA,V5J 5J9,CANADA Canada

(72)Name of Inventor :

1)CAMPBELL STEPHEN A.

(57) Abstract :

Corrosion of the carbon catalyst support may occur at both the anode and cathode catalyst layers within an electrochemical fuel cell. Such corrosion may lead to reduced performance and/or decreased lifetimes of the fuel cell. Nevertheless, carbon supports have many desirable properties as catalyst supports including high surface area, high electrical conductivity, good porosity and density. To reduce or eliminate corrosion of the carbon catalyst support, the carbon support may have a metal surface treatment and, in particular, a metal carbide surface treatment. Suitable metal carbides include titanium, tungsten and molybdenum. In this manner, the metal carbide surface treatment protects the underlying carbon support from corrosion while maintaining the desirable characteristics of the carbon support.



(54) Title of the invention : A TWO-STAGE COMPLETE RECYCLE PRESSURE-SWING ADSORPTION PROCESS FOR GAS SEPARATION

(51) International classification	:B01D 53/047	(71)Name of Applicant :
(31) Priority Document No	:200410046598.4	1)CHENGDU TIANLI CHEMICAL ENGINEERING
(32) Priority Date	:11/06/2004	TECHNOLOGY CO.LTD.,
(33) Name of priority country	:China	Address of Applicant :YULIN,5 NORTH STREET,CHENGDU
(86) International Application No	:PCT/CN2005/000641	CITY,SICHUAN PROVINCE,PEOPLE'S REPUBLIC OF CHINA China
Filing Date	:09/05/2005	(72)Name of Inventor :
(87) International Publication No	:WO 2005/120681	1)SONG,YUWEN
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A two-stage complete recycle pressure-swing adsorption process for gas separation features that separating more adsorbable component and less adsorbable component from gas mixture, and the product is more adsorbable component or less adsorbable component or both of them. Serially-connected operation of two-stage pressure-swing adsorber is employed. The gas mixture is fed into the first stage pressure-swing adsorption gas separation system, and the more adsorbable component of the gas mixture is absorbed, then is abstracted, into product. The semifinished gas mixture from the outlet of the first stage pressure-swing adsorption tower is fed into the second stage pressure-swing adsorption, gas separation system. The more adsorbable component of the semifinished gas mixture is absorbed further, and the less adsorbable component is fed into next stage. The gas in the second stage pressure-swing adsorption gas separation system except for the less adsorbable component fed into next stage is reintroduced into the first stage pressure-swing adsorption gas separation system to increase pressure. The first stage pressure-swing adsorption tower in one cyclic period comprises the steps in turn: the adsorption step A, tow-end pressure-equalizing and reduction 2ED', converse pressure-reduction BD, two-stage gas pressure-boosting 2ER, two-end pressure-equalizing and boosting 2ER.' and final boosting FR. The second stage-pressure-swing adsorption tower in one cyclic period comprises the steps in turn: the adsorption step A, sequence pressure-equalizing and reduction ED, converse pressure-reduction BD, converse pressure-equalizing and boosting ER and Final boosting FR.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3815/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :18/12/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : TEST MEDIA AND QUANTITATIVE OR QUALITATIVE METHOD FOR IDENTIFICATION AND DIFFERENTIATION OF BIOLOGICAL MATERIALS IN A TEST SAMPLE.

(51) International classification	:C12Q1/04	(71)Name of Applicant :
(31) Priority Document No	:10/867,393	1)MICROLOGY LABORATORIES,LLC
(32) Priority Date	:14/06/2004	Address of Applicant :19676,RIVER VIEW DRIVE,GOSHEN,IN
(33) Name of priority country	:U.S.A.	46526,U.S.A. U.S.A.
(86) International Application No	:PCT/US2005/020215	(72)Name of Inventor :
Filing Date	:08/06/2005	1)ROTH,GEOFFREY N.
(87) International Publication No	:WO 2005/123939	2)ROTH,JONATHAN N.
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A test medium and method for detecting, quantifying, identifying and differentiating up to four (4) separate biological materials in a test sample. A test medium is disclosed which allows quantifying and differentiating under ambient light aggregates of biological entities producing specific enzymes, which might include general coliforms, E. coli, Aeromonas, and Salmonella in a single test medium. A new class of nonchromogenic substrates is disclosed which produce a substantially black, non-diffusible precipitate. This precipitate is not subject to interference from other chromogenic substrates present in the test medium. In one embodiment, the substrates are selected such that E. coli colonies present in the test medium show as substantially black, general coliforms colonies show in the test medium as a blue-violet color, Aeromonas colonies present in the test medium show as a generally red-pink color, and Salmonella colonies show as a generally teal-green color. Other microorganisms and color possibilities for detection and quantification thereof are also disclosed. An inhibitor and method for making a test medium incorporating the inhibitor are disclosed.

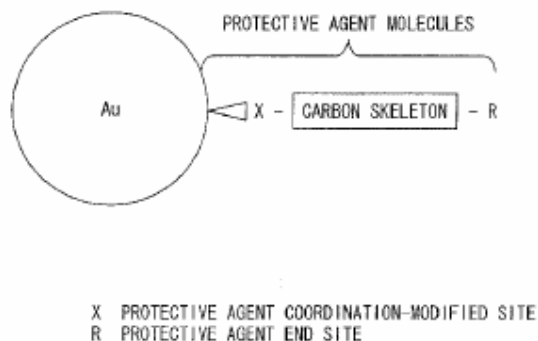
(54) Title of the invention : METAL COLLOIDAL PARTICLES, METAL COLLOID AND USE OF METAL COLLOID

(51) International classification	:B22F9/00,B44C 1/17	(71)Name of Applicant :
(31) Priority Document No	:2004-187872	1)MITSUBISHI MATERIALS CORPORATION
(32) Priority Date	:25/06/2004	Address of Applicant :5-1,OTEMACHI 1 CHOME,CHIYODA-KU TOKYO Japan
(33) Name of priority country	:Japan	2)JEMCO INC
(86) International Application No	:PCT/JP2005/011459	(72)Name of Inventor :
Filing Date	:22/06/2005	1)KIYOSHIMA REIKO
(87) International Publication No	:WO 2006/001310	2)HAYASHI TOSHIHARU
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

With respect to the metal colloid of the present invention, metal colloidal particles capable of forming a metal colloid by dispersing in either or both of an aqueous dispersion medium and a nonaqueous dispersion medium in a predetermined proportion while mixing, comprise metal particles and a protective agent coordination-modified on the surface of the particles, the protective agent having a carbon skeleton containing either or both of sulfur and oxygen in the molecule, and having a structure of being coordination-modified on the surface of the metal particles using an atom or an atomic group of either or both of sulfur and oxygen as an anchor, wherein the protective agent has one, or two or more functional groups selected from the group consisting of alkoxysilyl group, silanol group and hydroxyalkyl group in a molecular structure.

FIG. 1



(12) PATENT APPLICATION PUBLICATION

(21) Application No.3817/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :18/12/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : COMPOSITIONS AND METHODS FOR BONE FORMATION AND REMODELING

(51) International classification

:A61K9/68;
G01N33/48

(31) Priority Document No

:10/849,067

(32) Priority Date

:19/05/2004

(33) Name of priority country

:U.S.A.

(86) International Application No

:PCT/US2005/071199

Filing Date

:18/05/2005

(87) International Publication No

:WO 2005/115354

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)ENZO THERAPEUTICS INC

Address of Applicant :C/O ENZO BIOCHEM,INC 527 MADISON
AVENUE,9TH FLOOR,NEW YORK NEW YORK 10022 U.S.A.

(72)Name of Inventor :

1)ZHANG YAZHOU

2)LIU PENG

3)LI XIAOFENG

4)ZHANG,JIE

5)SHAN JUFANG

6)ENGELHARDT,DEAN

7)WU DIANQING

(57) Abstract :

The mechanism by which the high bone mass (HBM) mutation (G171V) of the Wnt coreceptor LRP5 regulates the canonical Wnt signaling was investigated. The mutation was previously shown to reduce Dkk protein-1-mediated antagonism, suggesting that the first YWTD repeat domain where G171 is located may be responsible for Dkk protein-mediated antagonism. However, we found that the third YWTD repeat, but not the first repeat domain, is required for DKK1-mediated antagonism. Instead, we found that the G171V mutation disrupted the interaction of LRP5 with Mesd, a chaperon protein for LRP5/6 molecules on the cell surface. Although the reduction in the level of cell surface LRP5 molecules led to a reduction in Wnt signaling in a paracrine paradigm, the mutation did not appear to affect the activity of coexpressed Wnt in an autocrine paradigm. Together with the observation that osteoblast cells produce autocrine canonical Wnt, Wnt7b, and that osteocytes produce paracrine Dkk1, we believe that the G171V mutation may cause an increase in Wnt activity in osteoblasts by reducing the number of targets for paracrine Dkk1 to antagonize without affecting the activity of autocrine Wnt.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3818/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :18/12/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : USAGE OF THE PLANT OF GENUS AMPELOPSIS AND EXTRACTS THEREOF FOR MANUFACTURE OF MEDICAMENT AND FUNCTIONAL FOOD

(51) International classification	:A61K35/78,A61P25/20	(71)Name of Applicant :
(31) Priority Document No	:200410048628-5	1)BRIGHT FUTURE PHARMACEUTICAL LABORATORIES LIMITED
(32) Priority Date	:04/06/2004	Address of Applicant :BF Pharmaceutical Centre,8 Wang Fu Street,Yuen Long Industrial Estate,Yuen Long,Hong Kong (CN)
(33) Name of priority country	:China	Hongkong(China)
(86) International Application No	:PCT/CN2005/00749	(72)Name of Inventor :
Filing Date	:30/05/2005	1)CHAN,Hasiaochang
(87) International Publication No	:WO/2005/117922	2)GOU,Yulin
(61) Patent of Addition to Application Number	:NA	3)CHUNG,Yiu,Wa
Filing Date	:NA	4)ROWLANDS,DEWI,KENNETH
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

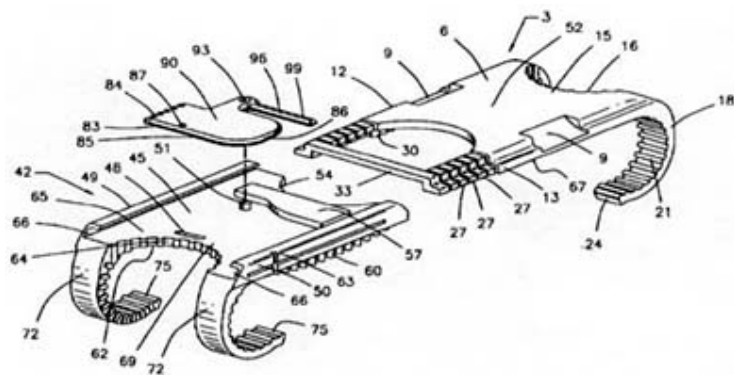
The technical problem that the invention will tackle is to screen and study plants that have the function of treating sleep disorders and the parts of the plants that can treat sleep disorders. Since the mechanism or means that affects or regulates sleep involves many neurotransmitter systems, this invention screens and studies plant extracts that have synergetic effects on multiple mechanisms or means that affect or regulate sleep. In order to solve the above problem, the invention provides the following technical proposal: The application of Ampelopsis plants in manufacturing drugs and healthcare products that prevent or cure sleep disorders.

(54) Title of the invention : A SURGICAL DEVICE FOR CAPTURING, POSITIONING AND ALIGNING PORTIONS OF A SEVERED HUMAN STERNUM

(51) International classification	:A61B	(71)Name of Applicant :
(31) Priority Document No	17/58,A61B17/82	1)MAVREK Medical,LLC
(32) Priority Date	:10/857,779	Address of Applicant :6585 S.Yale Suite 315 Tulsa Oklahoma 74136
(33) Name of priority country	:27/05/2004	U.S.A.
(86) International Application No	:U.S.A.	(72)Name of Inventor :
Filing Date	:PCT/US2005/018591	1)Archibald S.Miller,III
(87) International Publication No	:25/05/2005	
(61) Patent of Addition to Application Number	:WO 2005/117547	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A sternal closure device includes an insertion member having a body portion and a leg portion, where the body portion includes teeth-like structures along a first side of the body portion. The sternal closure device also includes an insertion guide member configured to receive the insertion member, where the insertion guide member includes a body portion and a leg portion. The sternal closure device also preferably includes a rotary lock rotatably mounted to the body portion of the insertion guide member, wherein the rotary lock includes teeth-like structures that engage or release the teeth-like structures on the insertion member as the rotary lock rotates.

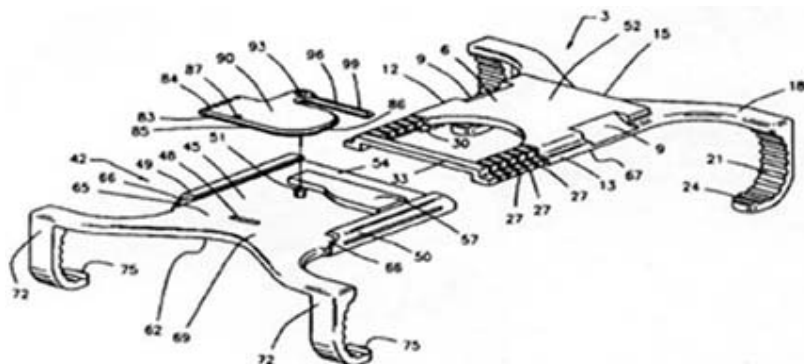


(54) Title of the invention : A SURGICAL DEVICE FOR CAPTURING, AND POSITIONING AND ALIGNING PORTIONS OF A HORIZONTALLY SEVERED HUMAN STERNUM

(51) International classification	:A61B	(71)Name of Applicant :
(31) Priority Document No	17/08,A61B17/58	1)MAVREK Medical,LLC
(32) Priority Date	:10/857,418	Address of Applicant :6585 S.Yale Suite 315 Tulsa Oklahoma 74136
(33) Name of priority country	:27/05/2004	U.S.A.
(86) International Application No	:U.S.A.	(72)Name of Inventor :
Filing Date	:PCT/US2005/018450	1)Archibald S.Miller,III
(87) International Publication No	:25/05/2005	
(61) Patent of Addition to Application Number	:WO 2005/117726	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A sternal closure device for use with a patient having a horizontally severed sternum preferably includes an insertion member having two legs, wherein each of the two legs is configured to engage a separate rib of a first rib pair on opposite sides of the sternum. The sternal closure further includes an insertion guide member configured to receive the insertion member, wherein the insertion guide member has two legs and wherein each of the two legs is configured to engage a separate rib of a second rib pair on opposite sides of the sternum.

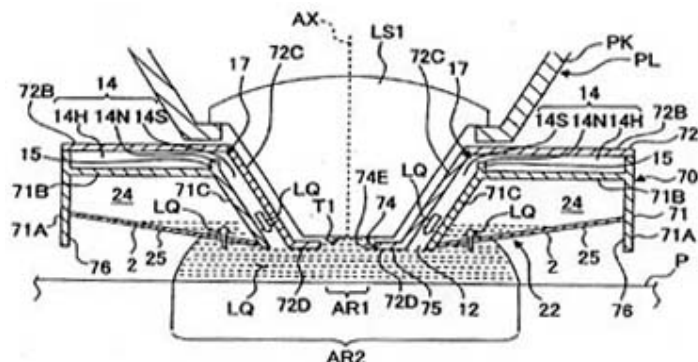


(54) Title of the invention : "EXPOSURE EQUIPMENT, EXPOSURE METHOD AND DEVICE MANUFACTURING METHOD"

(51) International classification	:G03F7/20; H01L21/027	(71)Name of Applicant :
(31) Priority Document No	:2004-172569	1)NIKON CORPORATION
(32) Priority Date	:10/06/2004	Address of Applicant :2-3,Marunouchi 3-chome Chiyoda-ku Tokyo 100-8331 Japan
(33) Name of priority country	:Japan	2)NIKON ENGINEERING CO.,LTD.
(86) International Application No	:PCT/JP2005/010576	(72)Name of Inventor :
Filing Date	:09/06/2005	1)NAGASAKA,Hiroyuki
(87) International Publication No	:WO 2005/122221	2)OKUYAMA,Takeshi
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Exposure equipment (EX) exposes a board (P) by irradiating the board (P) with exposure light (EL) through a projection optical system (PL) and a liquid (LQ). The exposure equipment (EX) is provided with a liquid immersion mechanism (1) for supplying the liquid (LQ) and recovering the liquid (LQ). The liquid immersion mechanism (1) has an inclined plane (2), which faces the front plane of the board (P) and is inclined against the front plane of the board (P), and a liquid recovering port (22) of the liquid immersion mechanism (1) is formed on the inclined plane (2). A flat part (75) is provided between the board (P) and the projection optical system (PL). A liquid immersion area can be maintained small.



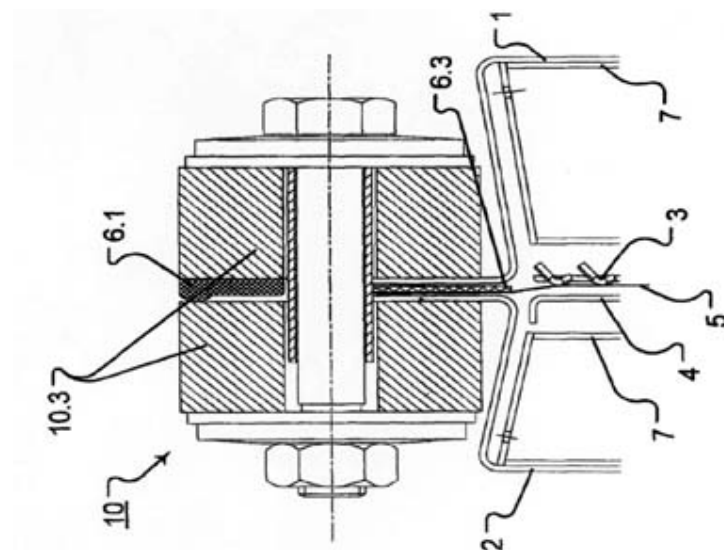
(54) Title of the invention : ELECTROLYSIS CELL

(51) International classification :C25B 9/18
 (31) Priority Document No :102004028761.9
 (32) Priority Date :16/06/2004
 (33) Name of priority country :Germany
 (86) International Application No :PCT/EP2005/0006498
 Filing Date :16/06/2005
 (87) International Publication No :WO 2005/123983
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :
1)UHDENORA S.p.A.
 Address of Applicant :Via Bistolfi,35 20134 Milan,Italy Italy
 (72)Name of Inventor :
1)BECKMANN,Ronald
2)DULLE,Karl Heinz
3)FUNCK, Frank
4)KIEFER ,Randolf
5)WOLTERING,Peter

(57) Abstract :

Electrolysis cell in the constructive form of single elements, intended for instance for the production of chlorine, hydrogen and/or caustic soda and designed in such a way that the portion of inactive membrane surface is minimised thanks to an optimised flange type so that the ratio between the flange surface of a semi-shell and the active membrane surface can be set to less than 0.045, neither the semi-shell nor the membrane being provided with bores or recesses for accommodating the clamping members.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.3823/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :19/12/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : METHOD FOR PRODUCING PEROXODISULFATES IN AQUEOUS SOLUTION

(51) International classification	:C25B 1/28
(31) Priority Document No	:102004027623.4
(32) Priority Date	:05/06/2004
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2005/006008
Filing Date	:03/06/2005
(87) International Publication No	:WO 2005/121408
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)DEGUSSA INITIATORS GMBH &CO.KG
Address of Applicant :Gustav-Adolph-Strasse 3 82049 Pullach
Germany
(72)**Name of Inventor :**
1)THIELE,Wolfgang
2)KARMER,Hans-Jurgen
3)FORSTER,Hans-Jurgen

(57) Abstract :

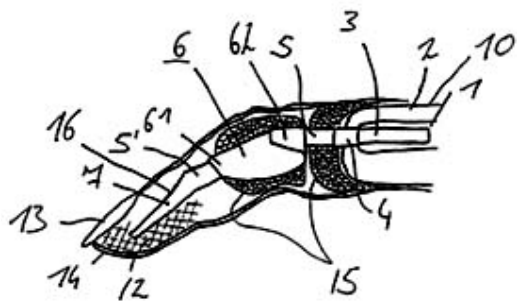
A process for preparing or regenerating peroxodisulfuric acid and its salts by electrolysis of an aqueous solution containing sulfuric acid and/or metal sulfates at diamond-coated electrodes without addition of promoters is described, with bipolar silicon electrodes which are coated with diamond on one side and whose uncoated silicon rear side serves as cathode being used.

(54) Title of the invention : FINGER OR TOE PROSTHESIS

(51) International classification	:A61F2/42; A61F2/58	(71)Name of Applicant :
(31) Priority Document No	:2004/0341	1)OTTO BOCK HEALTHCARE PRODUCTS GMBH
(32) Priority Date	:09/07/2004	Address of Applicant :Kaiserstrasse 39 1070 Wien Austria Austria
(33) Name of priority country	:Belgium	(72)Name of Inventor :
(86) International Application No	:PCT/EP2005/007503	1)cubber, Jan de
Filing Date	:11/07/2005	
(87) International Publication No	:WO 2006/005569	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a finger or toe prosthesis having an intracorporal implant and an external modular frame constituting the core of the finger or toe prosthesis with a certain number of modules or components, each with its own function, e.g. a joint, which will be assembled to constitute one modular frame, wherein the external modular frame is displaceable fixed to the intracorporal implant. The invention relates to a fail safety mechanism for a finger or toe prosthesis, too, wherein the external modular frame is coupled to the intracorporal implant by a friction-type blocking, a form fit locking a spring loaded hinge or a non-linear spring allowing hyper-extension or hyper-flexion, ductile deformation or breaking at a predetermined load. The invention relates to a cosmetic or function cover of the external modular frame as well, which is attached to the frame and supports the function of the frame.

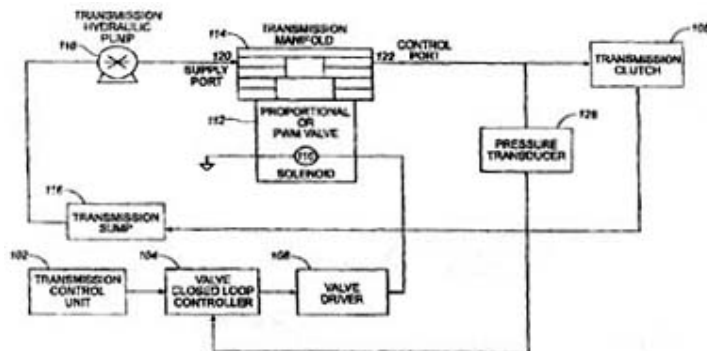


(54) Title of the invention : CLOSED-LOOP ,VALVE-BASED TRANSMISSION CONTROL ALGORITHM

(51) International classification	:F16D48/06; G06F7/00	(71)Name of Applicant :	1)EATON CORPORATION
(31) Priority Document No	:10/874,133		Address of Applicant :Eaton Center 1111 Superior Avenue
(32) Priority Date	:22/06/2004		Cleveland,Ohio 44114 U.S.A.
(33) Name of priority country	:U.S.A.	(72)Name of Inventor :	1)SURIANARAYANAN,Ananthakrishnan
(86) International Application No	:PCT/IB2005/001625		2)SONSNOWSKI,David R.
Filing Date	:10/06/2005		3)DELL'EVA,Mark L.
(87) International Publication No	:WO 2006/000861		4)JACOBSEN,Peter M.
(61) Patent of Addition to Application Number	:NA		5)BARROWS,Eric,O.
Filing Date	:NA		
(62) Divisional to to Application Number	:NA		
Filing Date	:NA		

(57) Abstract :

A system for controlling pressure in a transmission comprises a transmission control unit 102, a valve controller 104 that receives a desired pressure 202 as input from the transmission control unit 102, a valve driver 108, a valve 112 that regulates an amount of fluid in a transmission clutch 106, and a pressure transducer that reads a pressure in the transmission clutch 106 and outputs a pressure reading 204 to the valve controller 104, wherein the valve controller 104 comprises logic for outputting to the valve driver 108 an instruction for controlling the valve 112, the instruction being formulated using the desired pressure 202 and the pressure reading 204.

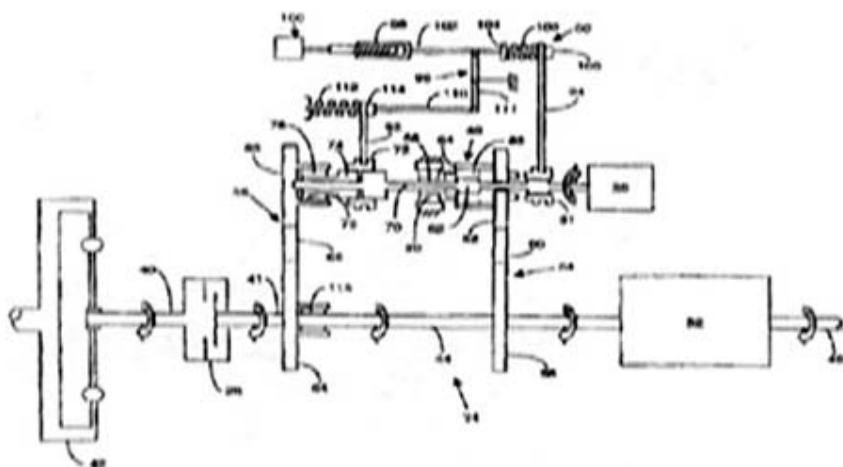


(54) Title of the invention : START AND OPERATION SEQUENCES FOR HYBRIS MOTOR VEHICLES

(51) International classification	:B60K6/04; F16H3/00	(71)Name of Applicant :	1)EATON CORPORATION
(31) Priority Document No	:10/872,281	Address of Applicant :	Eaton Center 111 Superior Avenue
(32) Priority Date	:18/06/2004		Cleveland, Ohio 44114 U.S.A.
(33) Name of priority country	:U.S.A.	(72)Name of Inventor :	1)OLIVER,James, L.
(86) International Application No	:PCT/IB		
Filing Date	2005/001714		
	:17/06/2005		
(87) International Publication No	:WO		
	2005/123436		
(61) Patent of Addition to Application Number	:NA		
Filing Date	:NA		
(62) Divisional to to Application Number	:NA		
Filing Date	:NA		

(57) Abstract :

A hybrid powertrain system (20) includes a first prime mover (22) having an output, a multi-ratio transmission (52) having an input (44), and a second prime mover (26) having an output connected to the first prime mover (22) output through a first power path (54) and to the transmission (52) input (44) through a second power path (56). The first power path (54) receives power from the second prime mover (26) during a first operating mode to drive rotation of the transmission (52) input (44) and the second power path (56) receives power from the second prime mover (26) during a second operating mode to drive rotation of the first prime mover (22) output. The second prime mover (26) output is configured to rotate in a first direction in the first operating mode to transmit power to the first power path (54) and in a second direction in the second operating mode to transmit power to the second power path (56).



(12) PATENT APPLICATION PUBLICATION

(21) Application No.3827/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :19/12/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : NOVEL ARYLAMIDINE DERIVATIVE, SALT THEREOF, AND ANTIFUNGAL CONTAINING THESE

(51) International classification	:C07D 211/22
(31) Priority Document No	:2004-193386
(32) Priority Date	:30/06/2004
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2005/011809
Filing Date	:28/06/2005
(87) International Publication No	:WO/2006/003881
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)TOYAMA CHEMICAL CO.,LTD.,
Address of Applicant :2-5 3-Chome,Nishishinjuku, shinjuku-ku,
Tokyo, Japan
(72)**Name of Inventor :**
1)kazuya HAYASHI
2)kazuto KUNITANI
3)sayuri UEHARA
4)Teiichi MORITA

(57) Abstract :

An arylamidine derivative represented by the general formula (wherein R1 represents optionally protected or substituted amidino;and R2 and R3 are the same or different and each represents hydrogen or halogeno) or a salt of the derivative.The derivative and salt have potent activity against fungi including ones having tolerance to azole type drugs and further have high safety and excellent properties in a repeated dose toxicity test.They are hence useful as an excellent antifungal.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3828/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :19/12/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : MODULATORS OF MUSCARINIC RECEPTORS

(51) International classification	:A61K31/454; A61K31/4	(71)Name of Applicant : 1)VERTEX PHARMACEUTICALS INCORPORATED Address of Applicant :130 Waverly street,Cambridge, Massachusetts 02139 U.S.A.
(31) Priority Document No	:60/575,233	(72)Name of Inventor :
(32) Priority Date	:28/05/2004	1)MAKINGS,LEWIS,R.
(33) Name of priority country	:U.S.A.	2)HURLEY,DENNIS,R.
(86) International Application No	:PCT/US2005/018900	3)GARCIA-GUZ-MAN BLANCO,MIGUEL,
Filing Date	:31/05/2005	4)BERGERON,DANIELE,J,
(87) International Publication No	:WO 2005/117883	5)NAKATANI,AKIKO
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

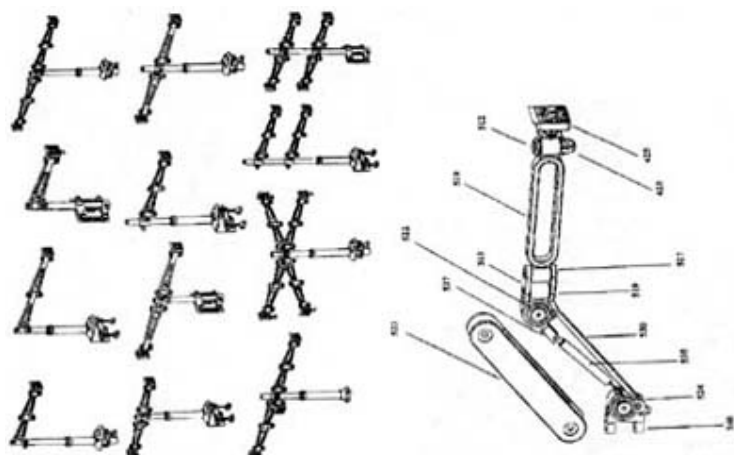
The present invention relates to modulators of muscarinic receptors. The present invention also provides compositions comprising such modulators, and methods therewith for treating muscarinic receptor mediated diseases.

(54) Title of the invention : MECHANISM FOR POSITIONAL ADJUSTMENT OF AN ATTACHED DEVICE

(51) International classification	:F16M11/04; F16M11/24	(71)Name of Applicant :
(31) Priority Document No	:60/578,546	1)HUMANSCALE CORPORATION
(32) Priority Date	:10/06/2004	Address of Applicant :220 Circle Drive North,Piscataway, NJ 08854 U.S.A.
(33) Name of priority country	:U.S.A.	(72)Name of Inventor :
(86) International Application No	:PCT/US2005/020579	1)SAEZ,MANUEL
Filing Date	:10/06/2005	
(87) International Publication No	:WO 2005/124220	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention provides mechanisms useful for adjusting the positioning of an attached device, such as a display or input device. In one embodiment, the mechanism is a front-end height adjustment mechanism (10) comprising a track apparatus (20), a display mounting bracket (30), a sliding bracket (50), and a motion-regulating device (60,65). In another embodiment, the mechanism comprises a device support arm (420), such as a monitor arm. The invention further provides a method for adjusting the positioning of a display or input device, such as a flat screen monitor, wherein the method comprises providing a mechanism of the invention, attaching the mechanism to a support, attaching a display or input device to the mechanism, and positionally adjusting the display or input device.



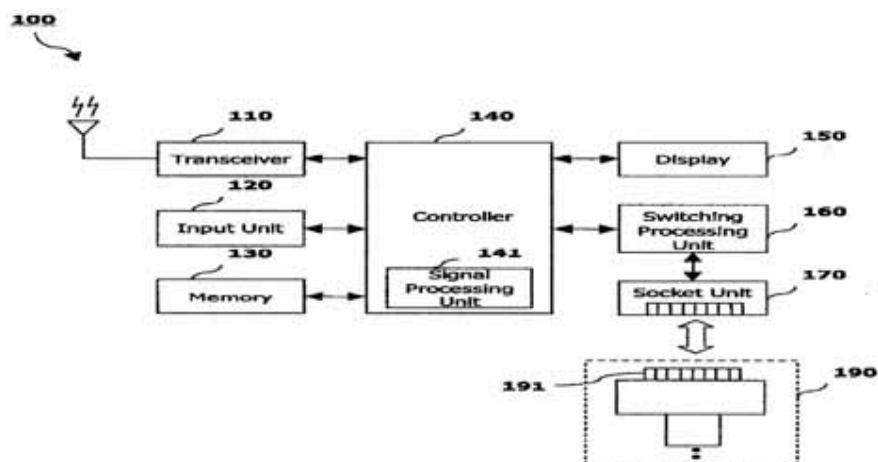
(54) Title of the invention : MOBILE COMMUNICATIONS TERMINAL USING MULTI-FUNCTIONAL SOCKET AND METHOD THEREOF

(51) International classification :H04B1/38
 (31) Priority Document No :35189/2005
 (32) Priority Date :27/04/2005
 (33) Name of priority country :Republic of Korea
 (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 to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :
1)LG ELECTRONICS INC.
 Address of Applicant :20, YOIDO-DONG, YONGDUNGPO-GU,
 SEOUL Republic of Korea
 (72)Name of Inventor :
1)LEE YONG-HUM
2)LEE SEONG-CHEOL
3)HA SUNG-IL
4)SHIN SANG-CHUL

(57) Abstract :

A mobile communications terminal using a multi-functional socket and a method thereof, the mobile communications device comprising a connector capable of connecting the mobile communications device to at least one external device for establishing an electrical connection between the at least one external device and the mobile communications device; a switching unit; and a controller cooperating with the connector and the switching unit to perform, sending and/or receiving at least one signal with respect to the at least one external device via at least one dedicated path according to at least one identification signal; and generating a control signal to control the at least one signal, wherein the at least one signal comprises at least one of a power signal and data.

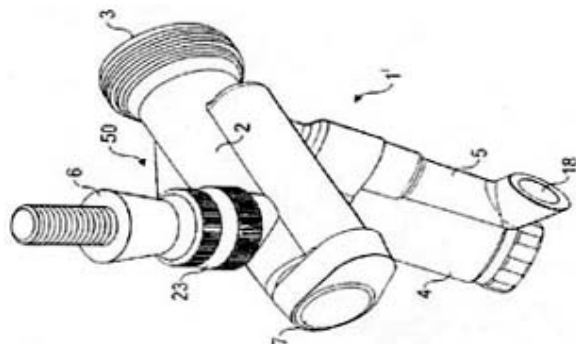


(54) Title of the invention : BEVERAGE DISPENSING TAP

(51) International classification	:B67D1/14; B67D1/00	(71)Name of Applicant :
(31) Priority Document No	:0417092.4	1)SCOTTISH & NEWCASTLE PLC.
(32) Priority Date	:30/07/2004	Address of Applicant :28 ST ANDREW SQUARE EDINBURGH
(33) Name of priority country	:U.K.	EH2 1AF U.K U.K.
(86) International Application No	:PCTGB2005002985	(72)Name of Inventor :
Filing Date	:28/07/2005	1)ROBINSON ,MICHAEL
(87) International Publication No	:WO 2006/010941	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A tap suitable for dispensing a gaseous beverage comprising a body, a horizontal inlet, and primary and secondary downwardly-extending spouts, the tap having primary and secondary flow paths. The primary flow path is adapted to dispense a bulk portion of beverage and comprises a horizontally oriented primary valve, the primary valve comprising a primary valve stem which is axially-slidable relative to the horizontal inlet, between closed and open positions and a primary valve seal, the primary downwardly-extending spout being positioned downstream of the primary valve, such that, in a closed position of the primary valve, beverage entering the horizontal inlet is prevented from flowing through to the primary downwardly-extending spout. The secondary flow path is adapted to dispense a foamed portion of beverage and comprises a flow restriction for inducing turbulence in a beverage flowing through the secondary flow path so as to produce foam, the secondary flow path comprising a horizontally-oriented secondary valve comprising a secondary valve stem and a secondary valve seal which is axially-slidable relative to the horizontal inlet and a secondary valve seat between closed and open positions, the secondary downwardly-extending spout being positioned downstream of the secondary valve, such that in a closed position of the secondary valve, beverage entering the horizontal inlet is prevented from flowing through to the secondary downwardly-extending spout. Wherein the primary valve is operatively connected to a handle oriented perpendicular to the horizontal inlet, such that, actuation of the handle in a rotational manner in a substantially vertical plane causes the primary valve to open or close and actuation of the secondary valve, for example, by pushing a button operatively connected to the secondary valve stem, causes the secondary valve to open or close.



(54) Title of the invention : MOTOR VEHICLE OPENING FRAME AND MOTOR VEHICLE EQUIPPED WITH SAME

(51) International classification	:B60J 7/043
(31) Priority Document No	:04/07,001
(32) Priority Date	:25/06/2004
(33) Name of priority country	:France
(86) International Application No	:PCT/FR2005/050466
Filing Date	:20/06/2005
(87) International Publication No	:WO 2006/010870
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)RENAULT S.A.S.

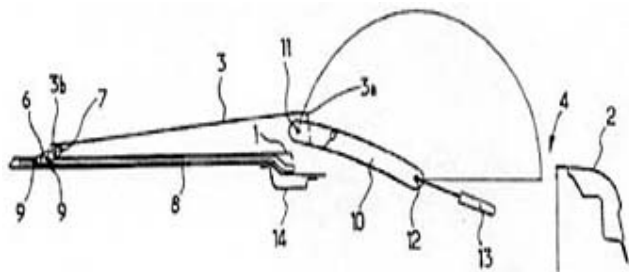
Address of Applicant :13-15,QUAI ALPHONSE LE GALLO,F-92100,BOULOGNE BILLANCOURT,FRANCE France

(72)Name of Inventor :

1)LEROYER, BRUNO

(57) Abstract :

The invention concerns a motor vehicle opening frame (3) closing an opening (4), and provided with an opening mechanism enabling it to be easily mobile between a closed position, completely closing the opening, and an open position, clearing at least partly the opening. The opening mechanism comprises: a Connecting rod (10), whereof at least one end is articulated to the vehicle, and the other end is articulated to the opening frame, on the same side of the vehicle, the Connecting rod being mounted mobile for moving the opening frame with a longitudinal and vertical displacement: means for guiding the opening frame in longitudinal and vertical displacement. The invention also concern a vehicle equipped with such an opening frame opening towards the front of the vehicle.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.3832/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :19/12/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : OXYGEN SCAVENGING COMPOSITION AND METHOD FOR MAKING SAME.

(51) International classification	:C09K 15/08
(31) Priority Document No	:2004903522
(32) Priority Date	:28/06/2004
(33) Name of priority country	:Australia
(86) International Application No	:PCT/AU2005/000941
Filing Date	:28/06/2005
(87) International Publication No	:WO 2006/000055
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

**1)COMMONWEALTH SCIENTIFIC AND INDUSTRIAL
RESEARCH ORGANISATION.**

Address of Applicant :LIMESTONE AVENUE,CAMPBELL,ACT
2601,AUSTRALIA Australia

(72)Name of Inventor :

1)HORSHAM, MARK, ANDREW

2)SCULLY,ANDREW,DAVID

3)MURPHY,JAMES,KEITH,GERARD

4)SANTANGELO,ROSS,ANTHONY

5)MCNALLY,MICHAEL

(57) Abstract :

The present invention provides polymeric compositions comprising an hydrogenated anthraquinone derivative and/or its enol/enolate tautomer. Methods of scavenging oxygen and preventing transmission of oxygen into a package using said compositions are also provided.

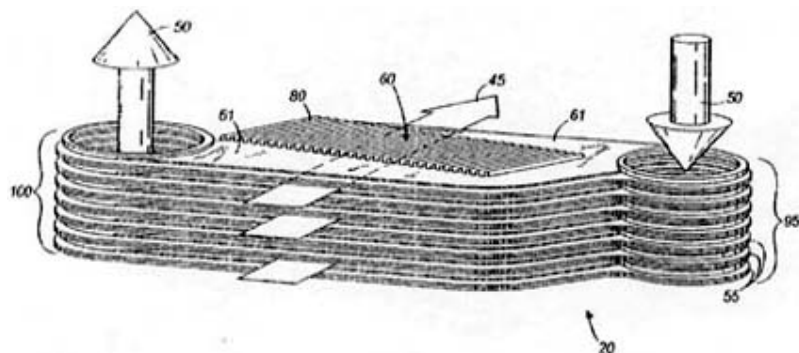
(54) Title of the invention : HEAT EXCHANGER WITH HEADER TUBES

(51) International classification :F28F 3/00
 (31) Priority Document No :10/872,740
 (32) Priority Date :21/06/2004
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2005/021698
 Filing Date :20/06/2005
 (87) International Publication No :WO 2006/009971
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :
1)INGERSOLL RAND ENERGY SYSTEMS
 Address of Applicant :30 NEW HAMPSHIRE
 AVENUE,PORTSMOUTH,NH 03801-2866,U.S.A. U.S.A.
 (72)Name of Inventor :
1)COSTEN, MICHAEL, K
2)MOISIADE,CEZAR,I

(57) Abstract :

A heat exchange cell for use in a recuperator includes top and bottom plates spaced apart to define therebetween an internal space. Within the internal space are inlet and outlet header tubes communicating with a plurality of internal matrix fins. The header tubes are rigidly affixed to at least one adjacent header tube and to the top and bottom plates. The header tubes may have a rectangular cross-section and may, for example, be metallurgically bonded to the top and bottom plates and to each other through brazing. Rigidly affixing the header tubes to each other reduces the stress on the fillets that bond the tubes to the top and bottom plates. This in turn permits less structural material to be used in the header portions of the cell and reduces pressure drop across the headers.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.3834/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :19/12/2006

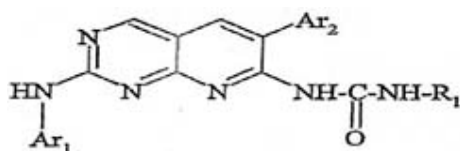
(43) Publication Date : 22/06/2007

(54) Title of the invention : PYRIDO-PYRIDO PYRIMIDINE DERIVATIVES, PREPARATION THEREOF, THERAPEUTIC USE THEREOF FOR TREATING CANCER.

(51) International classification	:C07D 417/04(2006.01)	(71)Name of Applicant : 1)SANOFI-AVENTIS Address of Applicant :174,AVENUE DE FRANCE ,F- 75013,PARIS,FRANCE France
(31) Priority Document No	:04/07898	(72)Name of Inventor :
(32) Priority Date	:15/07/2004	1)BOURRIE BERNARD
(33) Name of priority country	:France	2)CASELLAS PIERRE
(86) International Application No	:PCT/FR2005/001809	3)JEGHAM SAMIR
Filing Date	:13/07/2005	4)PERREAUT PIERRE
(87) International Publication No	:WO 2006/016067	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention concerns pyrido[2,3-d]pyrimidine derivatives, their preparation and their therapeutic application, of general formula (I), in the form of a base or an addition salt to a pharmaceutically acceptable acid, in the form of hydrates or solvates, as well as in the form of enantiomers, diastereoisomers and mixtures thereof. The invention also concerns a method for preparing said derivatives, pharmaceutical compositions containing a compound of general formula (I), and their therapeutic use.



(54) Title of the invention : PROBE HEAD HAVING A MEMBRANE SUSPENDED PROBE.

(51) International classification	:G01R 31/02 (2006.01)
(31) Priority Document No	:60/586,299
(32) Priority Date	:07/07/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2005/023806
Filing Date	:05/07/2005
(87) International Publication No	:WO 2006/017078
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

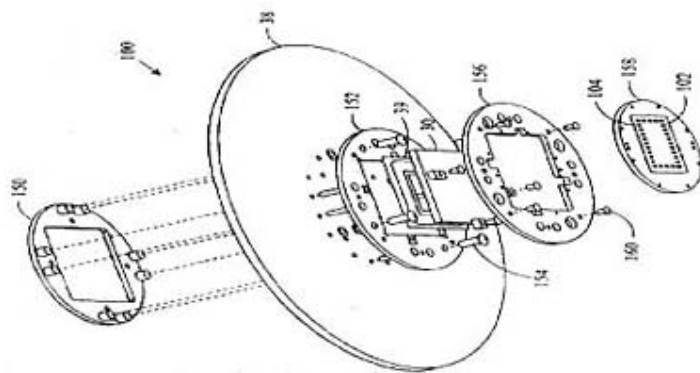
1)CASCADE MICROTECH, INC.Address of Applicant :2430,NW 206TH
AVENUE,BEAVERTON,OR 97006,U.S.A. U.S.A.

(72)Name of Inventor :

1)SMITH,KENNETH**2)JOLLEY, MICHAEL****3)VAN SYCKEL, VICTORIA**

(57) Abstract :

A probe head with membrane suspended probes.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.3836/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :19/12/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : ABSORBABLE BIOCOMPATIBLE MATERIALS

(51) International classification	:A61L 27/22
(31) Priority Document No	:60/574,250
(32) Priority Date	:25/05/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/GB2005/002081
Filing Date	:25/05/2005
(87) International Publication No	:WO 2005/115492
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)BIOINTERACTIONS LTD.

Address of Applicant :UNIVERSITY OF READING,SCIENCE & TECHNOLOGY CENTRE,EARLEY GATE,WHITEKNIGHTS ROAD,READING,BERKSHIRE RG6 6BZ,GREAT BRITAIN U.K.

(72)Name of Inventor :

1)LUTHRA AJAY KUMAR

2)SANDHU SHIVPAL SINGH

(57) Abstract :

Biocompatible carrier materials are described herein for enhanced delivery of therapeutic agents. Embodiments include materials and methods for making a biodegradable coating on a surface of a medical device by forming a biodegradable layer on at least a portion of the surface of the medical device, the layer comprising a copolymer and a therapeutic agent releasable into a patient after implantation of the device into the patient, wherein the copolymer is a polyamino acid derivatized to have a hydrophobic hydrocarbon side chain that has a molecular weight from about 14 to about 5000. One embodiment is a polypeptide that includes at least one amino acid that has been modified to include a hydrophobic side chain. The number and type of amino acids and hydrophobic side chains may be altered to adjust the solubility of the material in solvents, and to control the hydrophobic-to-hydrophobic balance of the coatings made with the materials, so as to enhance therapeutic agent delivery. And hydrophilic groups may also be introduced as a further means to adjust the material's property.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3837/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :19/12/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : ANTIMICROBIAL ACTIVATED CARBON AND METHOD OF MAKING

(51) International classification	:C02F 1/42
(31) Priority Document No	:60/573,879
(32) Priority Date	:24/05/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2005/018231
Filing Date	:24/05/2005
(87) International Publication No	:WO 2005/115926
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)MICROBAN PRODUCTS COMPANY
Address of Applicant :11515 VANSTORY DRIVE,SUITE
125,HUNTERSVILLE,NC 28078,U.S.A. U.S.A.

(72)**Name of Inventor :**
1)PATIL ARVIND S
2)CUEMAN GLENN F

(57) Abstract :

A granular activated carbon consists essentially of particles of activated carbon, and less than 1 % by weight of an antimicrobial agent, wherein said antimicrobial agent does not desorbs from said particles when washed in a polar solvent. Additionally, a method of making a granular activated carbon that exhibits antimicrobial properties is also disclosed.

(54) Title of the invention : SAFETY BRAKE FOR ELEVATOR WITHOUT COUNTERWEIGHT

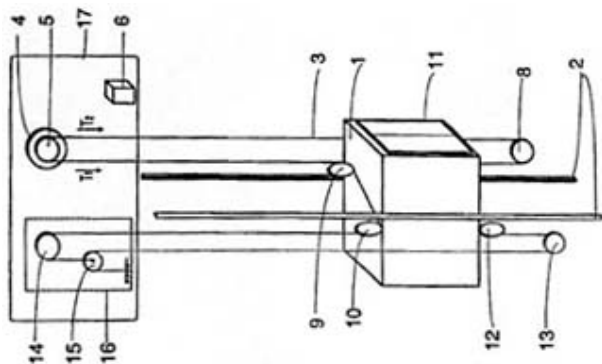
(51) International classification	:B66B 5/04 (2006.01)
(31) Priority Document No	:20041044
(32) Priority Date	:30/07/2004
(33) Name of priority country	:Finland
(86) International Application No	:PCT/FI2005/000262
Filing Date	:06/06/2005
(87) International Publication No	:WO 2006/010781
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :
1)KONE CORPORATION
 Address of Applicant :KARTANONTIE 1,FI-00330,HELSINKI,FINLAND Finland

(72)Name of Inventor :
1)AULANKO ESKO
2)MUSTALAHTI JORMA
3)DE JONG JOHANNES
4)RANTANEN PEKKA

(57) Abstract :

Traction sheave elevator without counterweight and method for braking an elevator, in which elevator the elevator car is suspended by means of hoisting ropes consisting of a single rope or several parallel ropes, said elevator having a traction sheave which moves the elevator car by means of the hoisting ropes. In the elevator, when the elevator car is moving upwards in an emergency stop situation the braking of the operating brake of the elevator is at least partially prevented for at least a part of the stopping distance of the elevator.



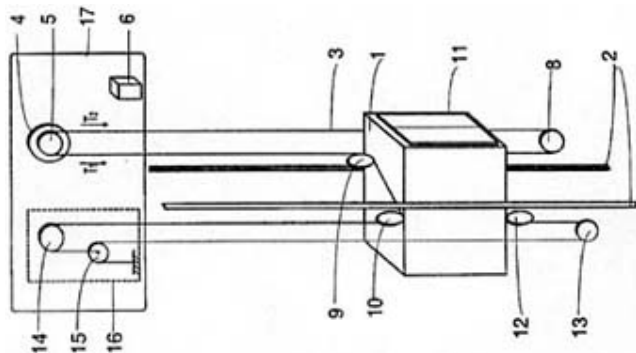
(54) Title of the invention : METHOD FOR INSTALLING AN ELEVATOR, AND ELEVATOR

(51) International classification :B66B 19/00
(2006.01)
(31) Priority Document No :20041043
(32) Priority Date :30/07/2004
(33) Name of priority country :Finland
(86) International Application No :PCT/FI2005/000263
Filing Date :06/06/2005
(87) International Publication No :WO 2006/010782
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)KONE CORPORATION
Address of Applicant :KARTANONTIE 1,FI-
00330,HELSINKI,FINLAND Finland
(72)Name of Inventor :
1)AULANKO ESKO
2)MUSTALAHTI JORMA
3)DE JONG JOHANNES
4)RANTANEN PEKKA

(57) Abstract :

Elevator without counterweight, in which elevator there is a compensating system separating the roping portion of the hoisting ropes above the elevator car from the roping portion of the hoisting ropes below the elevator car and in which the rope tension is arranged by means of the compensating system to be greater in the portion of roping above the elevator car than in the portion of roping below the elevator car, installed by raising the travel height of the elevator at least once. When raising the travel height, the extension of the hoisting ropes is fed in via the compensating system or via the rope fastening in the compensating system.

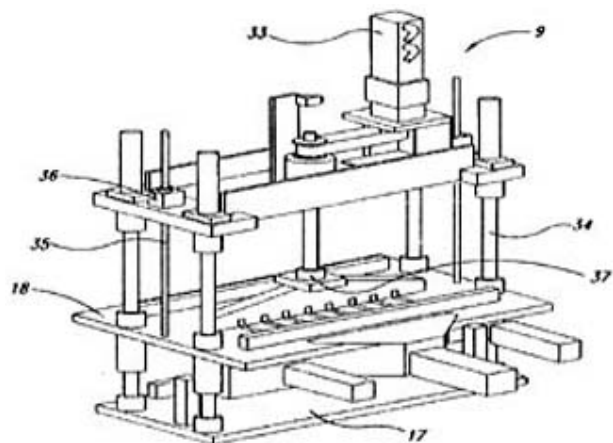


(54) Title of the invention : DEVICE FOR ASSEMBLING A BANDED FUEL CELL STACK

(51) International classification	:H01M8/24 B65B13/04	(71)Name of Applicant :
(31) Priority Document No	:10/886,935	1)BALLARD POWER SYSTEMS INC.
(32) Priority Date	:08/07/2004	Address of Applicant :4343 NORTH FRASER WAY,BURNABY, BRITISH COLUMBIA V5J 5J9, CANADA Canada
(33) Name of priority country	:U.S.A.	(72)Name of Inventor :
(86) International Application No	:PCT/US2005/023966	1)HILL GRAHAM E
Filing Date	:07/07/2005	2)HARTWELL RAE
(87) International Publication No	:WO 2006/023128	3)MEHARG PAUL F
(61) Patent of Addition to Application Number	:NA	4)BOONSTRA FRANK
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A device for assembling a banded fuel cell stack with at least one custom-fit band comprises a frame, a base to support the stack while assembling, a press plate that is movable toward and away from the base to compress the stack under a constant force, band folding means to fold the band around the compressed stack such that the ends of the band overlap and welding means for welding the overlapped ends of the band. A method for assembling the banded fuel cell stack with at least one custom-fit band is also described. The device can be used to fit a plurality of compression bands around the assembled stack.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.3841/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :19/12/2006

(43) Publication Date : 22/06/2007

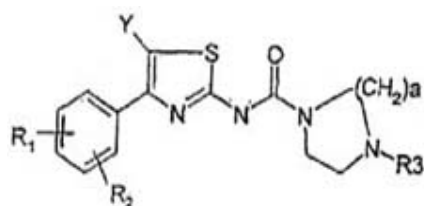
(54) Title of the invention : 2-CARBAMIDE-4-PHENYLTHIAZOLE DERIVATIVES, PREPARATION THEREOF AND THERAPEUTIC USE THEREOF

(51) International classification :C07D 277/40
(31) Priority Document No :04/07,695
(32) Priority Date :09/07/2004
(33) Name of priority country :France
(86) International Application No :PCT/FR2005/001729
Filing Date :05/07/2005
(87) International Publication No :WO 2006/016039
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)SANOFI-AVENTIS
Address of Applicant :174,VAENUE DE FRANCE,75013, PARIS,
France
(72)**Name of Inventor :**
1)CASELLAS PEIRRE
2)FLOUTARD DANIEL
3)FRAISSE PEIRRE
4)JEGHAM SAMIR

(57) Abstract :

The invention concerns 2-carbamide-4-phenylthiazole derivatives of general formula (I). The invention also concerns pharmaceutical compositions containing a compound of general formula (I).



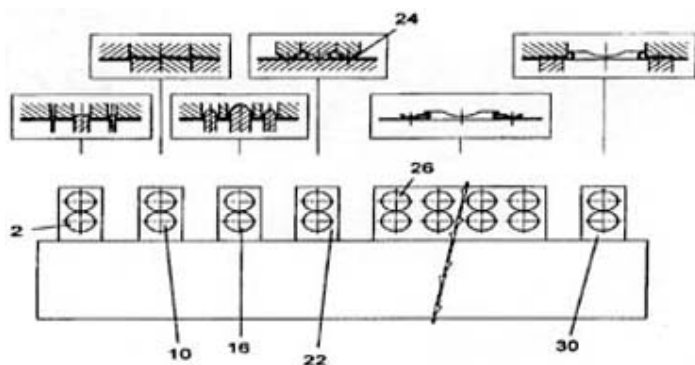
(54) Title of the invention : METHOD FOR PRODUCING EXPANDED METAL PROFILES AND PROFILE PRODUCED BY THE METHOD

(51) International classification :B21D 47/02
 (31) Priority Document No :VE2004A000027
 (32) Priority Date :17/06/2004
 (33) Name of priority country :Italy
 (86) International Application No :PCT/EP2005/006340
 Filing Date :14/06/2005
 (87) International Publication No :WO 2005/123298
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :
1)DALLAN S.P.A.
 Address of Applicant :VIA PER SALVATRONDA,50,I-31033
 CASTELFRANCO VENETO, Italy
 (72)Name of Inventor :
1)DALLAN, SERGIO

(57) Abstract :

A method for producing expanded metal profiles, consisting of subjecting a metal strip of width less than the development of the profile to be produced to the following operations: - forming longitudinal slits in at least that longitudinal band which is to form the central web of the profile, - bending the edges of the slits, - profiling said strip, - transversely stretching that band containing the slits, - pressing areas of said central web in correspondence with said stretched band to displace them external to the plane of said web, characterised by subjecting the bent edges to drawing to obtain radiuses edging having the tangent to the free edge forming an angle not less than 90 to the surface of the strip.

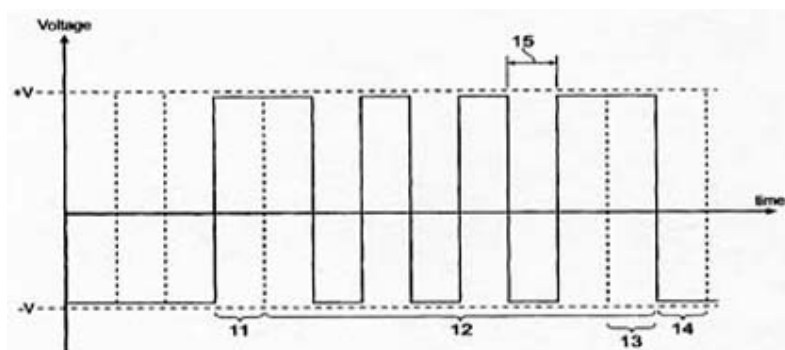


(54) Title of the invention : DETERMINING CHARACTERISTICS OF COMMUNICATIONS SIGNALS

(51) International classification	:H04L25/02; H04L25/02	(71)Name of Applicant :
(31) Priority Document No	:0414793.0	1)TTPCom Limited
(32) Priority Date	:01/07/2004	Address of Applicant :Melbourne Science Park, Cambridge
(33) Name of priority country	:U.K.	Road,Melbourn,Royston,Hertfordshire SG8 6 HQ U.K.
(86) International Application No	:PCT/GB2005/002596	(72)Name of Inventor :
Filing Date	:01/07/2005	1)HUNT,Richard,Neil
(87) International Publication No	:WO 2006/003417	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method is provided of characterizing a data stream of binary symbols, the method comprising sampling the stream at predetermined rate sufficient to capture at least two samples per binary symbol, identifying the shortest continuous run of samples having the same logic level and assigning a symbol rate to the stream on the basis that the identified run is one symbol in length.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.3844/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :20/12/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : NANOPARTICLES COMPRISING RNA LIGANDS

(51) International classification	:C12N 15/88
(31) Priority Document No	:60/573,805
(32) Priority Date	:24/05/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/GB2005/002058
Filing Date	:24/05/2005
(87) International Publication No	:WO 2005/116226
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)MIDATECH LTD

Address of Applicant :4&5 DUNMORE COURT,WOOTTON ROAD,ABINGDON OXFORD,OXFORDSHIRE,OX13 6BH, U.K.

(72)Name of Inventor :

1)RADEMACHER,THOMAS,WILLIAM

2)GUMAA,KHALID

3)MARTIN-LO-MAS,MANUEL

4)PENADES,SOLEDAD

5)OJEDA,RAFAEL

6)BARRIENTES,AFRICA G.

(57) Abstract :

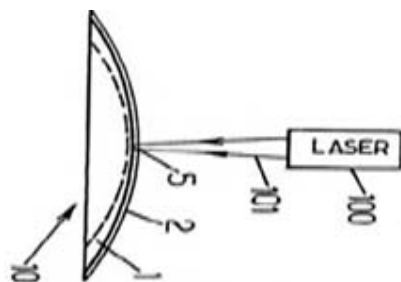
Materials and methods are provided for making nanoparticles having a core including metal and/or semiconductor atoms, which core is covalently linked to a plurality of ligands comprising a RNA ligand. The RNA ligands may include siRNA or miRNA. Also provided are uses of these nanoparticles in therapy and diagnosis.

(54) Title of the invention : METHOD FOR PRODUCING AN OPHTHALMIC LENS AND OPTICAL COMPONENT SUITABLE FOR IMPLEMENTING SAID METHOD

(51) International classification	:G02B3/00; G02C7/02	(71)Name of Applicant :
(31) Priority Document No	:04/07,388	1)ESSILOR INTERNATIONAL(COMPAGNIE GENERALE D'OPTIQUE)
(32) Priority Date	:02/07/2004	Address of Applicant :147 RUE DE PARIS,94220 CHARENTON
(33) Name of priority country	:France	LE PONT,FRANCE France
(86) International Application No	:PCT/FR2005/001635	(72)Name of Inventor :
Filing Date	:28/06/2005	1)CANO JEANS-PAUL
(87) International Publication No	:WO 2006/013252	2)COUDRAY PAUL
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a method for producing an ophthalmic lens exhibiting optical function consisting in producing an optical component (10) incorporating at least one type of active material (2) which is distributed in a parallel direction to the surface thereof. Said active material exhibits a radiation-modifiable optical property. The active material (5) portions disposed through the component (10) surface are, afterwards, selectively irradiated in such a way that the optical function is obtainable by modulating said property from one portion to another one, wherein the sizes of said portions are less than 1mm.



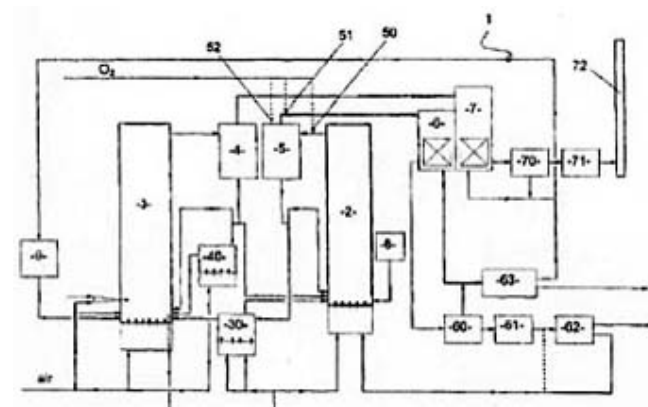
(54) Title of the invention : METHOD FOR ENERGY CONVERSION MINIMIZING OXYGEN CONSUMPTION

(51) International classification :F23C 10/00
 (31) Priority Document No :04/51,263
 (32) Priority Date :11/06/2004
 (33) Name of priority country :France
 (86) International Application No :PCT/EP2005/052680
 Filing Date :09/06/2005
 (87) International Publication No :WO 2005/124232
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :
1)ALSTOM TECHNOLOGY LTD.
 Address of Applicant :BROWN BOVERI STRASSE 7 CH-5401
 BADEN,SWITZERLAND Switzerland
 (72)Name of Inventor :
1)MORIN,JEAN-XAVLER
2)BEAL,CORINNE

(57) Abstract :

The invention concerns a method for energy conversion of solid fuels in particular containing carbon comprising a first step which consists in reacting said fuels in a first energy conversion reactor (2, 20). The invention is characterized in that it comprises a second step which consists in injecting oxygen brought to the output of said reactor (2, 20), the reaction of the first step being carried out in at least a circulating fluidized bed (30, 31, 40) and in that the metal oxides circulate between two interconnected circulating fluidized beds (30, 31, 40) converting the fuel and oxidizing the oxides.

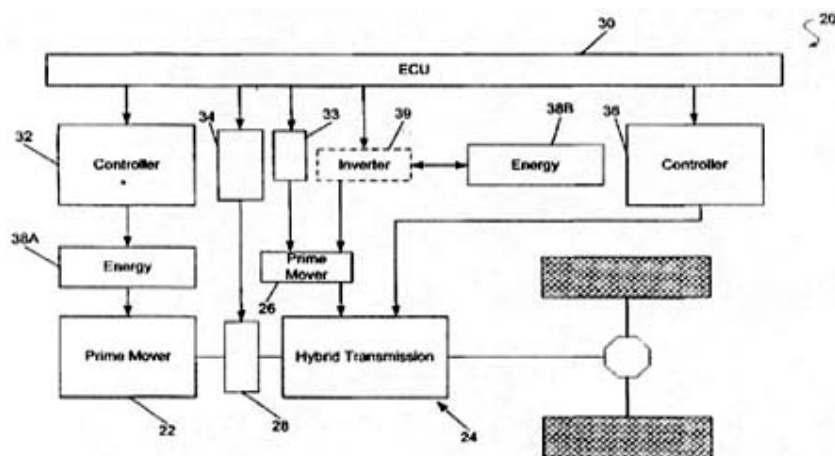


(54) Title of the invention : SHIFT POINT STRATEGY FOR HYBRID ELECTRIC VEHICLE TRANSMISSION

(51) International classification	:F16H61/02; B60W20/00	(71)Name of Applicant :
(31) Priority Document No	:60/585,896	1)EATON CORPORATION
(32) Priority Date	:07/07/2004	Address of Applicant :111 Superior Avenue cleveland ,Ohio 44114-2584 U.S.A.
(33) Name of priority country	:U.S.A.	(72)Name of Inventor :
(86) International Application No	:PCT/US2005/024091	1)BRUNEMANN,George,A
Filing Date	:07/07/2005	2)BRACKNEY,Larry,J.
(87) International Publication No	:WO 2006/014539	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method for determining a shift point strategy in a hybrid vehicle includes providing at least two power sources, selectively coupling the two or more power sources to a hybrid vehicle transmission, defining an input shaft speed for best acceleration, defining an input shaft speed for best fuel economy, determining driver intent compared to the best acceleration and the best fuel economy, and setting a shift point of the hybrid vehicle transmission based, at least in part, on the driver intent.

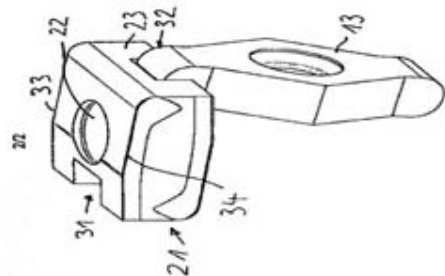


(54) Title of the invention : TOOL

(51) International classification	:B23D37/00; B23D41/04	(71)Name of Applicant :
(31) Priority Document No	:102004035289.5	1)KENNAMETAL WIDIA PRODUKTIONS GMBH & CO.KG
(32) Priority Date	:21/07/2004	Address of Applicant :MUNCHENER STRASSE 125-127,45145
(33) Name of priority country	:Germany	ESSEN,GERMANY Germany
(86) International Application No	:PCT/DE2005/000871	(72)Name of Inventor :
Filing Date	:12/05/2005	1)GRIMM,MICHAEL
(87) International Publication No	:WO 2006/010350	2)HEINLOTH,MARKUS
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a disc-shaped or strip-shaped tool for machining, particularly for cutting profiles on a workpiece such as a crankshaft that is rotated during machining, comprising a number of tangentially and radially mounted indexable inserts (21). According to the invention, at least a part of the tangentially mounted indexable inserts (21) has a recess (31) that, in the tangentially mounted indexable insert (21), extends into a portion of the supporting surface (27, 28) and into a portion of the radially situated face (23, 24), and into which an upper rear section of a radially mounted indexable insert projects whose upper front section (32) radially protrudes with regard to said face (23).

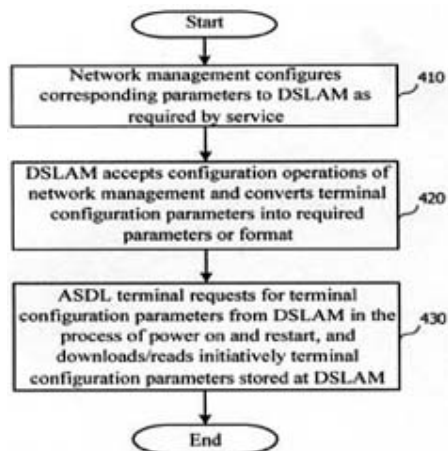


(54) Title of the invention : METHOD FOR CONFIGURING PARAMETERS OF BROADBAND ACCESS TERMINAL

(51) International classification	:H04L12/28; H04M11/00	(71)Name of Applicant :
(31) Priority Document No	:200510025600.4	1)HUAWEI TECHNOLOGIES CO.,LTD
(32) Priority Date	:29/04/2005	Address of Applicant :Huawei Administration
(33) Name of priority country	:China	Building,Bantian,Longgang District,Shenzhen,Guangdong Province
(86) International Application No	:PCT/CN2006/000783	518129 P.R. China
Filing Date	:25/04/2006	(72)Name of Inventor :
(87) International Publication No	:WO 2006/116910	1)LIU,Chenglong
(61) Patent of Addition to Application Number	:NA	2)SHI,Shuguang
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

This invention relates to access technologies in the communication field and discloses a method for configuring parameters of a broadband access terminal, which is stable, simple in operation, convenient in maintenance and easy to implement. Configuration parameters are generated at the network management side and are sent to a DSLAM, the DSLAM stores the configuration parameters, and a terminal downloads the configuration parameters through interacting with the DSLAM. In addition, the terminal can request for download upon start-up or in operation, and the download can be implemented by the terminal or the DSLAM.



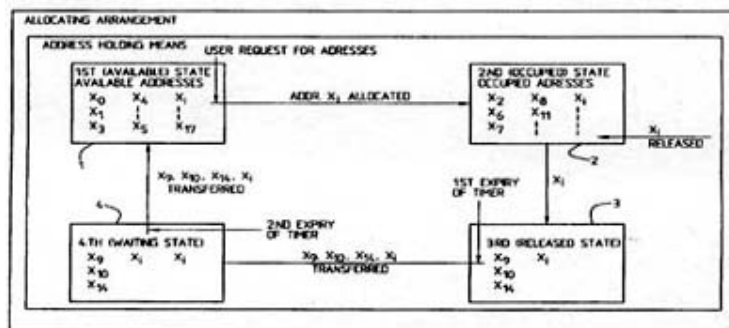
(54) Title of the invention : ARRANGEMENT AND METHOD FOR DELAYED REALLOCATION OF ADDRESSES

(51) International classification :H04L29/12;
H04L29/12
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/EP2004/005697
Filing Date :27/05/2004
(87) International Publication No :WO 2005/120014
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)
Address of Applicant :S-164 83 Stockholm ,Sweden Sweden
(72)Name of Inventor :
1)GRANDMAITRE,Nicholas

(57) Abstract :

The present invention relates to an arrangement, in a communications network, for allocating addresses to users or clients connecting to the network. It comprises at least one address holding means holding a plurality of addresses and allocating control means for, from said address holding means, allocating addresses to the users or clients, and for detecting when an address is released or when a user or a client allocated an address disconnects. It further comprises, for each pool of addresses, delay means for allowing control of the minimum time period to lapse before an address having been allocated to a user is reused, i.e. again allocated to a user, such that a minimum time period before reuse of each address can be guaranteed.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.3851/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :20/12/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : ORALLY-ADMINISTRABLE COMPOSITIONS COMPRISING STABLE AMORPHOUS CALCIUM CARBONATE

(51) International classification :A61K 33/10

(31) Priority Document No :60/574,208

(32) Priority Date :26/05/2004

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

(86) International Application No :PCT/IL2005/000545

Filing Date :26/05/2005

(87) International Publication No :WO 2005/115414

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

**1)BEN-GURION UNIVERSITY OF THE NEGEV RESEARCH
AND DEVELOPMENT AUTHORITY**

Address of Applicant :P.O.BOX 653,84105 BEER-SHEVA,ISRAEL
Israel

(72)Name of Inventor :

1)SAGI,AMIR

2)BERMAN,AMIR

3)BEN,YOSEF

(57) Abstract :

The present invention provides orally-administrable compositions comprising stable amorphous calcium carbonate (ACC).The compositions are preferably prepared as solid dosage forms such as tablets, capsules and powders. The present invention further provides methods for supplementing oral calcium intake in subjects as well as methods for treating osteoporosis, osteomalacia and related diseases.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3852/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :20/12/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : "DIARYLALKANES AS POTENT INHIBITORS OF BINUCLEAR ENZYMES"

(51) International classification	:A61K 31/015
(31) Priority Document No	:60/575,599
(32) Priority Date	:28/05/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2005/018884
Filing Date	:27/05/2005
(87) International Publication No	:WO 2005/117849
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)UNIGEN PHARMACEUTICALS,INC.
Address of Applicant :2660,WILLAMETTE DR.,N.E. LACEY,WA
98516 U.S.A.
(72)**Name of Inventor :**
1)JIA,QI
2)ZHAO,JI-FU

(57) Abstract :

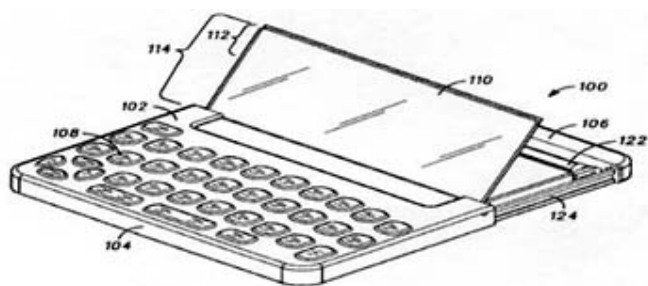
The present invention implements a strategy that combines an enzyme inhibition assay with a chemical dereplication process to identify active plant extracts and the particular compounds - diarylalkanes and/or diarylalkanols within those extracts that specifically inhibit binuclear enzyme function. Included in the present invention are compositions of matter comprised of one or more of diarylalkanes and/or diarylalkanols, which inhibit the activity of binuclear enzymes, particularly tyrosinase and which prevent melanin overproduction. The present invention also provides a method for inhibiting the activity of a binuclear enzyme, particularly tyrosinase and a method for preventing and treating diseases and conditions related to binuclear enzyme function. The present invention further includes a method for preventing and treating melanin overproduction and diseases and conditions of the skin related thereto. The method for preventing and treating diseases and conditions related to binuclear enzyme function and melanin overproduction is comprised of administering to a host in need thereof an effective amount of a composition comprising one or more diarylalkanes and/or diarylalkanols synthesized and/or isolated from one or more plants together with a pharmaceutically acceptable carrier.

(54) Title of the invention : "A DUAL POSITION DISPLAY IN AN ELECTRONIC DEVICE".

(51) International classification	:G06F1/16; G06F1/16	(71)Name of Applicant :
(31) Priority Document No	:10/895,695	1)MOTOROLA , INC.
(32) Priority Date	:21/07/2004	Address of Applicant :1303,EAST ALGONQUIN
(33) Name of priority country	:U.S.A.	ROAD,SCHAUMBURG,ILLINOIS 60196,U.S.A. U.S.A.
(86) International Application No	:PCT/US2005/020740	(72)Name of Inventor :
Filing Date	:14/06/2005	1)GITZINGER,THOMAS E.
(87) International Publication No	:WO 2006/019477	2)CHARLIER,MICHAEL L.
(61) Patent of Addition to Application Number	:NA	3)STEUER,PAUL R.
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An apparatus and method are disclosed for an electronic device (100) to incorporate two housing members (104, 106) to expose a first portion (112) of a display or screen (110) when closed. When the two members (104, 106) are moved to open the housing (102) the display or screen (110) is moved to a position angularly displaced from its former position with respect to the housing (102). A second portion (114) of the screen (110), larger than the first portion (112), is exposed and used for displaying text, images or other graphics.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.3854/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :20/12/2006

(43) Publication Date : 22/06/2007

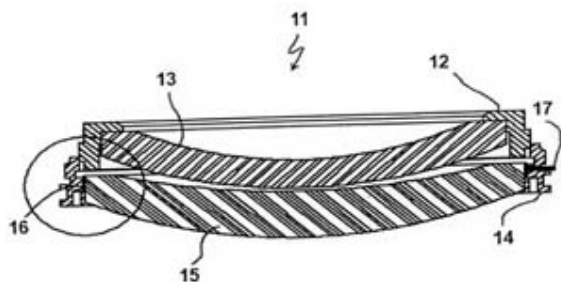
(54) Title of the invention : "DEVICE FOR LAYERWISE MANUFACTURING OF A THREE DIMENSIONAL OBJECT"

(51) International classification	:B29C 67/00
(31) Priority Document No	:10 2005 034 155.1
(32) Priority Date	:21/07/2005
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2006/004849
Filing Date	:22/05/2006
(87) International Publication No	:WO/2007/009526
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)EOS GMBH ELECTRO OPTICAL SYSTEMS
Address of Applicant :ROBERT-STIRLING-RING 1,82152
KRAILLING Germany
(72)**Name of Inventor :**
1)FRUTH ALBERT
2)PERRET HANS

(57) Abstract :

An apparatus for layerwise manufacturing of a three-dimensional object (3) by solidification of a material, which can be solidified via electromagnetic radiation (7), comprises a source (6) for the electromagnetic radiation (7), a building space for manufacturing the three-dimensional object (3), a coupling window for transmitting the electromagnetic radiation (7) into the building space and a heating element (16) for heating the coupling window. By the heating element the temperature of the lens is increased during the building of the three-dimensional object. By the increased temperature the accumulation of contaminations on the coupling window is prevented.



(54) Title of the invention : "ENHANCEMENT OF AIMPOINT IN SIMULATED TRAINING SYSTEMS"

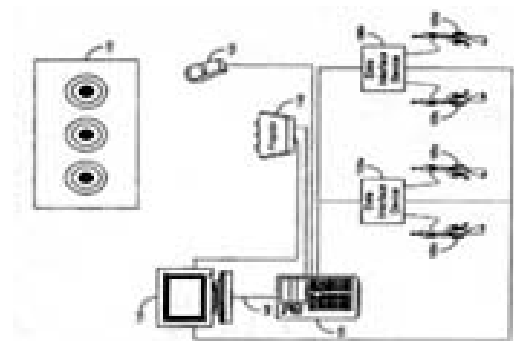
(51) International classification	:F41G 3/26
(31) Priority Document No	:60/521,877
(32) Priority Date	:15/07/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2005/025089
Filing Date	:15/07/2005
(87) International Publication No	:WO 2006/019974
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)CUBIC CORPORATION
 Address of Applicant :9333 BALBOA AVENUE SAN DIEGO
 CALIFORNIA 92123 U.S.A.

(72)**Name of Inventor :**
1)PAGE,DAVID,WAYNE

(57) Abstract :

Embodiments of the invention, therefore, provide improved systems and methods for tracking targets in a simulation environment. Merely by way of example, an exemplary embodiment provides a reflected laser target tracking system that tracks a target with a video camera and associated computational logic. In certain embodiments, a closed loop algorithm may be used to predict future positions of targets based on formulas derived from prior tracking points. Hence, the target's next position may be predicted. In some cases, targets may be filtered and/or sorted based on predicted positions. In certain embodiments, equations (including without limitation, first order equations and second order equations) may be derived from one or more video frames. Such equations may also be applied to one or more successive frames of video received and/or produced by the system. In certain embodiments, these formulas also may be used to compute predicted positions for targets; this prediction may, in some cases, compensate for inherent delays in the processing pipeline.

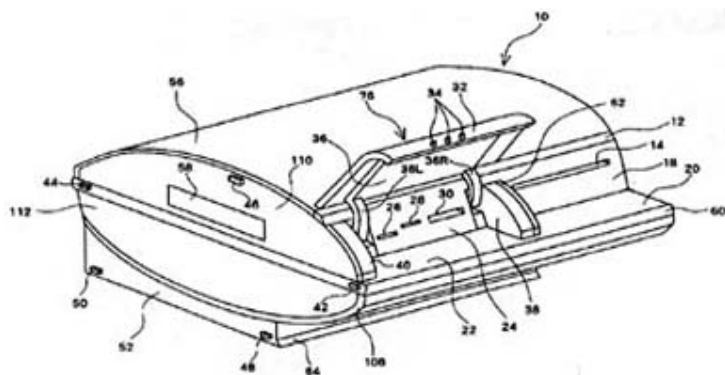


(54) Title of the invention : "ELECTRONIC DEVICE"

(51) International classification	:G06F1/16; G06F1/20	(71)Name of Applicant :
(31) Priority Document No	:2005-171591	1)SONY COMPUTER ENTERTAINMENT INC.,
(32) Priority Date	:15/05/2005	Address of Applicant :2-6-21,MINAMI-AOYAMA MINATO-KU
(33) Name of priority country	:Japan	TOKYO 107-0062 Japan
(86) International Application No	:PCT/JP2005/309597	(72)Name of Inventor :
Filing Date	:12/05/2006	1)KUTARAGI KEN
(87) International Publication No	:WO 2006/123591	2)GOTO TEIYU
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An electronic device such as an entertainment device having an appearance shape with a functionality improved compared to conventional ones. The electronic device comprises a main case (10) having a generally elliptically cylindrical shape, so disposed that its longitudinal direction is generally horizontal to the installation surface, and having medium insertion slots (14, 26, 28, 30) into which portable information storage media such as an optical disk are inserted and a base (52) provided under the main case (10) and having a generally boxy shape.

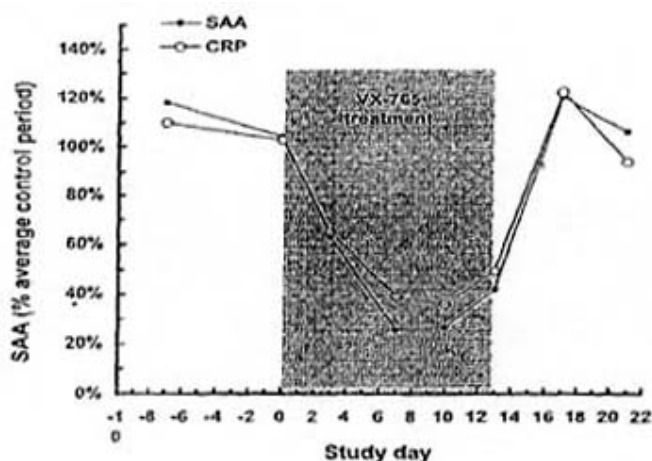


(54) Title of the invention : "ICE INHIBITORS FOR THE TREATMENT OF AUTOINFLAMMATORY DISEASES"

(51) International classification	:A61K31/00; A61K31/00	(71)Name of Applicant :
(31) Priority Document No	:60/574,993	1)VERTEX PHARMACEUTICALS INCORPORATED
(32) Priority Date	:27/05/2004	Address of Applicant :130,WAVERLY STREET,CAMBRIDGE,MA 02139,U.S.A. U.S.A.
(33) Name of priority country	:U.S.A.	(72)Name of Inventor :
(86) International Application No	:PCT/US2005/018949	1)RANDLE,,JOHN,C.R.
Filing Date	:27/05/2005	
(87) International Publication No	:WO 2005/117846	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

This invention relates to methods and compositions for treating autoinflammatory diseases. The invention also assays for evaluating the ability of an ICE inhibitor to treat autoinflammatory diseases.



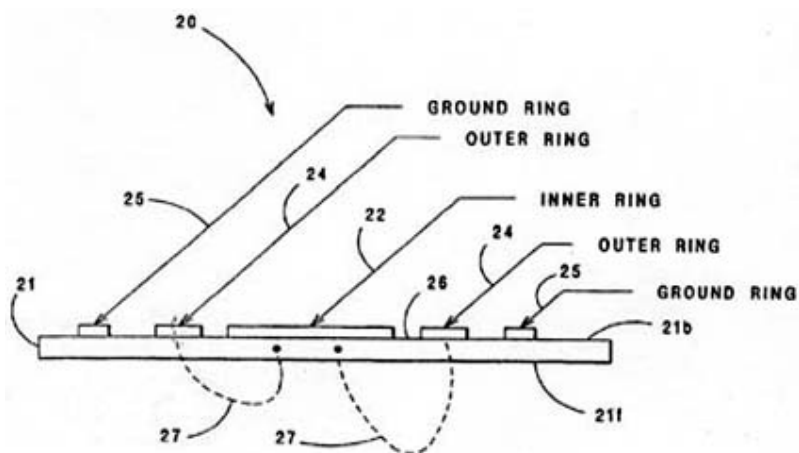
(54) Title of the invention : "EMI RESISTANT BALANCED TOUCH SENSOR AND METHOD"

(51) International classification :H03K17/96
 (31) Priority Document No :10/874,546
 (32) Priority Date :24/06/2004
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2005/022206
 Filing Date :23/06/2005
 (87) International Publication No :WO 2006/012187
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :
1)TOUCHSENSOR TECHNOLOGIES,LLC
 Address of Applicant :203,N.GABLES
 BOULEVARD,WHEATON,IL 60187,U.S.A. U.S.A.
 (72)Name of Inventor :
1)BURDI,ROGER D.
2)TAYLOR,MICHAEL JON

(57) Abstract :

An EMI resistant, low impedance touch sensor detects contact of a dielectric substrate by an operator's appendage or body part, a metal object, or the proximity of a moving fluid/gas interface. The touch sensor includes a first conductive electrode pad and a second conductive electrode of substantially equal area which is spaced from the first electrode by a channel of non-conductive dielectric. The first and second electrodes are optionally disposed on the same surface of the substrate. An active electrical component including an oscillator and a differential sensing circuit is located on the substrate proximate the First and second electrodes and is electrically coupled to the first and second electrodes. Noise or interference signals appearing on both the first and second electrodes, being of substantially equal area, are subtracted from one another through to provide common mode rejection of EMI.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.3859/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :20/12/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : "CITRONELLA AND FLORAL PERFUMING INGREDIENT"

(51) International classification

:C07C47/00;
C07C47/00

(31) Priority Document No

:PCT/IB2004/002557

(32) Priority Date

:04/08/2004

(33) Name of priority country

:IB

(86) International Application No

:PCT/IB2005/002112

Filing Date

:20/07/2005

(87) International Publication No

:WO 2006/016214

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)FIRMENICH SA

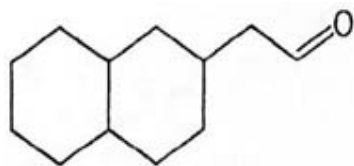
Address of Applicant :1,ROUTE DES JEUNES,P.O.BOX 239,CH-1211,GENEVA 8,SWITZERLAND Switzerland

(72)Name of Inventor :

1)GAUDIN JEAN-MARC

(57) Abstract :

The present invention relates to the use as perfuming ingredient of a compound of formula (Formula I) in the form of any one of its isomers or of a mixture thereof, and having a boiling point above 250°C, as measured at a pressure of 1013 mbar.



(54) Title of the invention : "HYDRAULICALLY ACTUATED IMPACT APPARATUS"

(51) International classification :E02F3/40; E02F3/00
 (31) Priority Document No :2,473,403
 (32) Priority Date :09/07/2004
 (33) Name of priority country :Canada
 (86) International Application No :PCT/CA2005/001063
 Filing Date :08/07/2005
 (87) International Publication No :WO 2006/005168
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

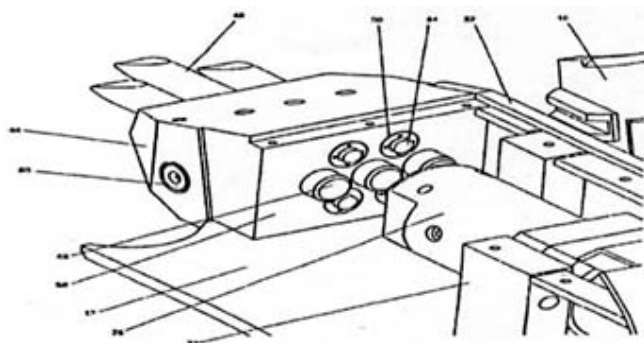
1)POWER TECH CORPORATION INC.Address of Applicant :1060,BOUL,MICHELE-BOHEE,SUITE 106
B,BLAINVILLE,QUEBEC J7C 5E2,CANADA Canada

(72)Name of Inventor :

1)GAGNON,PIERRE**2)MURRAY,CAROL**

(57) Abstract :

An impact actuator assembly has a housing having a front, a rear, two opposite sides, a top and a bottom, and defining an actuator receiving area, A hydraulic actuator is fixedly mounted in the actuator receiving area and provided with an actuator head, at least a portion of which extends forwardly of the actuator receiving area. A nosepiece is fixedly attached to the front of the housing at a distance from the actuator receiving area, defining a space between the nosepiece and the actuator head. The nosepiece is provided with at least one longitudinal hollow guide for receiving a tool pin, each of the tool pins having a rear and a front. The rear of the tool pin extends in the space between the nosepiece and the actuator head and the front of tool pin extends beyond the front of the housing. A plurality of hydraulic connectors are mounted on the housing and operatively connected to the actuator. When the actuator is actuated, the actuator head is engaged in reciprocating longitudinal movement to cyclically impact the tool pin.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.3861/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :20/12/2006

(43) Publication Date : 22/06/2007

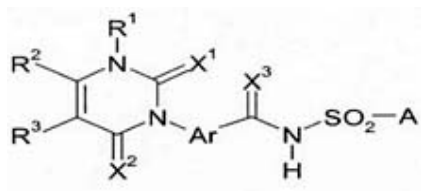
(54) Title of the invention : METHOD FOR THE PRODUCTION OF 3-PHENYL(THIO) URACILS AND DITHIOURACILS

(51) International classification :C07D 239/54
(31) Priority Document No :10 2004 035 656.4
(32) Priority Date :22/07/2004
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2005/007577
Filing Date :13/07/2005
(87) International Publication No :WO 2006/010474
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)BASF AKTIENGESELLSCHAFT
Address of Applicant :67056 LUDWIGSHAFEN,GERMANY
Germany
(72)Name of Inventor :
1)LOHR, SANDRA
2)GEBHARDT JOACHIM
3)MAYER GUIDO
4)KEIL MICHAEL
5)SCHMIDT,THOMAS
6)WOLF BERND

(57) Abstract :

The present invention relates to a process for preparing 3-phenyl(thio) uracils and -dithiouracils of the formula I where the variables are each as defined in the description, and also intermediates for their preparation.



(54) Title of the invention : INTERMEDIATE FILM FOR LAMINATED GLASS AND LAMINATED GLASS

(51) International classification	:C03C27/12
(31) Priority Document No	:2004-199639
(32) Priority Date	:06/07/2004
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2005/012510
Filing Date	:06/07/2005
(87) International Publication No	:WO 2006/004162
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)SEKISUI CHEMICAL CO., LTD.

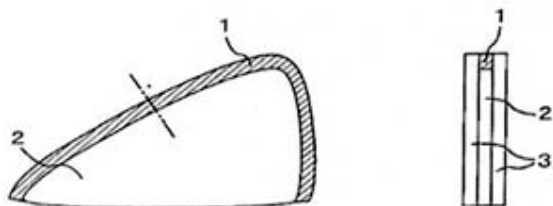
Address of Applicant :4-4,NISHITEMMA 2-CHOME,KITA-KU,OSAKA-SHI,OSAKASHI 5308565,JAPAN Japan

(72)Name of Inventor :

1)FUKATANI, JUICHI**2)BUNGO, HATTA**

(57) Abstract :

It is an object of the present invention to provide an interlayer film for a laminated glass and a laminated glass, which do not cause an increase in a haze value due to moisture absorption and have excellent moisture resistance. The present invention is directed to an interlayer film for a laminated glass, which contains a polyvinyl acetal resin and a moisture resistance improver.

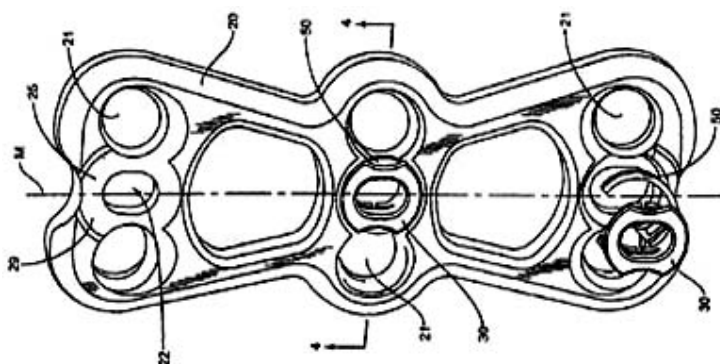


(54) Title of the invention : METHOD AND APPARATUS FOR RETAINING SCREWS IN A PLATE

(51) International classification	:A61B17/70; A61B17/80	(71)Name of Applicant :
(31) Priority Document No	:10 870,026	1)WARSAW ORTHOPEDIC, INC.
(32) Priority Date	:17/06/2004	Address of Applicant :2500 SILVEUS
(33) Name of priority country	:U.S.A.	CROSSING,WARSAW,INDIANA 46581,U.S.A. U.S.A.
(86) International Application No	:PCT/US2005/021358	(72)Name of Inventor :
Filing Date	:16/06/2005	1)LINDEMANN GARY, S.
(87) International Publication No	:WO 2006/009795	2)GAUSE, LARRY
(61) Patent of Addition to Application Number	:NA	3)FARRIS, ROBERT, A
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A retention system for maintaining a screw to a vertebral plate. One or more screws extend through apertures within the vertebral plate. A cavity is positioned adjacent to and overlaps into the aperture. A ring is positioned within the cavity and held in position by a cap. The cap attaches to the plate to prevent removal of the ring. The ring is deflectable between a first shape to allow the screw to be inserted and removed from the aperture, and a second shape to prevent screw back-out from the aperture. A method of using the system is also included and comprises positioning the ring within a cavity in the plate maintaining the position of the ring to the plate by attaching a cap inserting a screw through the aperture and attaching the plate to a vertebral member and positioning the ring over the screw head and preventing the screw from backing-out.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.3864/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :20/12/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : SYNTHESIS OF TETRACYCLINES AND ANALOGUES THEREOF

(51) International classification :C07C 233/26,
(31) Priority Document No :60/573,623
(32) Priority Date :21/05/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/017831
Filing Date :20/05/2005
(87) International Publication No :WO 2005/112945
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)THE PRESIDENT AND FELLOWS OF HARVARD COLLEGE
Address of Applicant :17 QUINCY STREET,CAMBRIDGE,MA
02138 U.S.A.
(72)**Name of Inventor :**
1)MYERS ANDREW G
2)CHAREST MARK G
3)LERNER CHRISTIAN D
4)BRUBACKER JASON D
5)SIEGEL DIONICIO R

(57) Abstract :

The tetracycline class of antibiotics has played a major role in the treatment of infectious diseases for the past 50 years. However, the increased use of the tetracyclines in human and veterinary medicine has led to resistance among many organisms previously susceptible to tetracycline antibiotics. The modular synthesis of tetracyclines and tetracycline analogs described provides an efficient and enantioselective route to a variety of tetracycline analogs and polycyclines previously inaccessible via earlier tetracycline syntheses and semi-synthetic methods. These analogs may be used as anti-microbial agents or anti-proliferative agents in the treatment of diseases of humans or other animals.

(54) Title of the invention : AN OPTICAL DEVICE FOR BIOMETRIC SENSING BY CONTACT, AND AN INSTALLATION IMPLEMENTING SUCH A DEVICE

(51) International classification	:G06K9/00;	(71)Name of Applicant :
(31) Priority Document No	:0406843	1)SAGEM DEFENSE SECURITE
(32) Priority Date	:23/06/2004	Address of Applicant :LE PONANT DE PARIS ,27,RUE
(33) Name of priority country	:France	LEBLANC,75015 PARIS France
(86) International Application No	:PCT/FR2005/001578	(72)Name of Inventor :
Filing Date	:22/06/2005	1)ROUGET MATTHIEU
(87) International Publication No	:WO 2006/008396	2)LAMBERT LAURENT
(61) Patent of Addition to Application Number	:NA	3)FONDEUR JEAN CHRISTOPHE
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An optical device for biometric sensing by contact, comprising: an optical element (2) having a face (3) constituting a surface for apposition of a body part from which a biometric characteristic is to be sensed; a radiation source (6) for illuminating the face (3) of the optical element; and sensor means (9) for picking up the radiation coming from the face (3) ; the face (3) is coated in a thin layer defining a pattern and made of a material such that in association with the material constituting the optical element, the layer is transparent in the presence of radiation emitted by the radiation source (6) when a body part is placed on the face (3) and is significantly less transparent in the presence of external parasitic radiation (13) that is inclined relative to the face (3) whereby the image received by the sensor means can be distinguished depending on whether it is real or latent.



(54) Title of the invention : INJECTION DEVICE

(51) International classification	:A61M5/20; A61M5/32
(31) Priority Document No	:0412051.5
(32) Priority Date	:28/05/2004
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/GB2005/002116
Filing Date	:27/05/2005
(87) International Publication No	:WO 2005/115508
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)CILAG GMBH INTERNATIONAL,Address of Applicant :LANDIS & GYRSTRASSE 1,CH-6300
ZUG,SWITZERLAND Switzerland

(72)Name of Inventor :

1)HABESHAW, ROSIE**2)BARROW-WILLIAMS,TIM****3)BRADY, MATTHEW****4)HARRISON, NIGEL**

(57) Abstract :

An injection device 110 is described having a housing 112 and a housing closure means 130. The injection device 110 houses a syringe 114 having a needle 118 which is sealed by a boot 120. The housing closure means 130 is arranged so that the boot 120 can be connected to the housing closure means 130 simply, but cannot be removed from the housing closure means 130. The housing 112 and housing closure means 130 are arranged so that upon rotation of the housing closure means 130, the housing closure means 130 is moved axially away from the housing 112 and the boot 120 is removed from the syringe 114. The injection device is simple to use and manufacture.

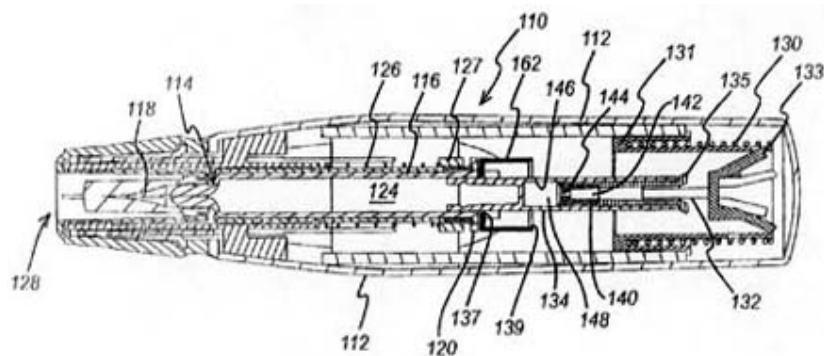
(54) Title of the invention : INJECTION DEVICE

(51) International classification :A61M5/20;
A61M5/32
(31) Priority Document No :0412058.4
(32) Priority Date :28/05/2004
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2005/002117
Filing Date :27/05/2005
(87) International Publication No :WO 2005/115516
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)CILAG GMBH INTERNATIONAL,
Address of Applicant :LANDIS & GYRSTRASSE 1,CH-6300
ZUG,SWITZERLAND Switzerland
(72)Name of Inventor :
1)BARROW-WILLIAMS,TIM
2)BRADY,MATHEW
3)JOHNSTON, DAVID
4)HARRISON, NIGEL

(57) Abstract :

An injection device (10; 110, 210) is described. A housing (12; 112, 212) receives a syringe and includes a return spring (26; 126, 226) for biasing the syringe from an extended position in which its needle (18; 118, 218) extends from the housing (12; 112, 212) to a retracted position in which the it does not. A drive spring (30; 130, 230) acts on a first drive elements (32; 132,232) and a second drive element (34; 134, 234) acts upon the syringe to advance it from its retracted position to its extended position and discharge its contents through the needle. The first drive element (32; 132, 232) is capable of movement relative to the second (34; 134, 234) when the former is acted upon by the drive spring (30, 130, 230) and the latter is restrained by the syringe (14, 114, 214). A reservoir (48, 148, 248) is defined between the first drive element (32; 132, 232) and the second drive element (34; 134, 234), the volume of the reservoir (48; 148, 248) tending to decrease as the first drive element (32; 132, 232) moves relative to the second (34; 134, 234) when acted upon by the drive spring (30; 130, 230). The reservoir (48; 148, 248) contains a highly viscous fluid and has a vent (44; 144, 244) through which the fluid escapes as the volume of the reservoir (48; 148, 248). The first drive element (32; 132, 232) includes a stem (40, 140, 240) and defines the vent (44; 144, 244) and a collection chamber for fluid and the second drive element (34; 134, 234) includes a blind bore (46; 146, 246) that is open at one end to receive the stem (40; 140, 240) and closed at the other, the bore and the stem thus defining the fluid reservoir. A release mechanism (52; 133, 233) is activated when the first drive element (34; 134, 234) has been advanced to a nominal release position, to release the syringe (14; 114, 214) from the action of the drive spring (30; 130, 230), whereupon the return spring (26; 126, 226) restores the syringe (14; 114, 214) to its retracted position.



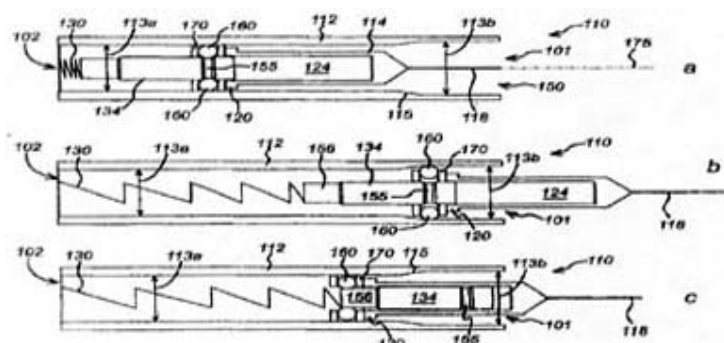
(54) Title of the invention : INJECTION DEVICE

(51) International classification :A61M5/20
 (31) Priority Document No :0412057.2
 (32) Priority Date :28/05/2004
 (33) Name of priority country :U.K.
 (86) International Application No :PCT/GB2005/002128
 Filing Date :27/05/2005
 (87) International Publication No :WO 2005/115511
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :
1)CILAG GMBH INTERNATIONAL,
 Address of Applicant :LANDIS & GYRSTRASSE 1,CH-6300
 ZUG,SWITZERLAND Switzerland
 (72)Name of Inventor :
1)HARRISON, NIGEL

(57) Abstract :

The invention concerns an injection device with a housing adapted to receive a syringe having a discharge nozzle and a plunger. There is a trigger and a drive arranged to act upon the plunger on actuation of the trigger to advance the syringe from a retracted position to an extended position through an opening in the housing. A locking mechanism is arranged in and moveable relative to the housing. The locking mechanism is engaged with the plunger when the syringe is not in its extended position and disengaged from the plunger when the syringe is in its extended position. This means that movement of the plunger relative to the syringe is prevented when, in use, the syringe is advanced from a retracted position to an extended position. Hence the contents of the syringe are not expelled from the syringe during advancement from the retracted position to the extended position. The contents are only expelled when the syringe reaches the extended position.



(54) Title of the invention : INJECTION DEVICE

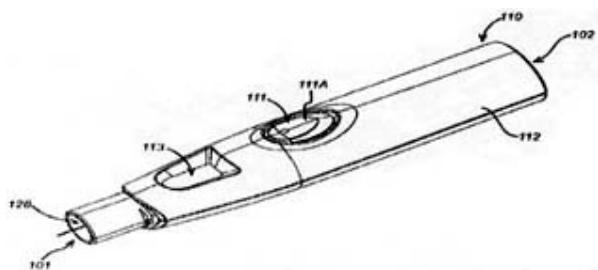
(51) International classification :A61M5/20;
A61M5/32
(31) Priority Document No :0412054.9
(32) Priority Date :28/05/2004
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2005/002120
Filing Date :27/05/2005
(87) International Publication No :WO 2005/115509
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)CILAG GMBH INTERNATIONAL,
Address of Applicant :LANDIS & GYRSTRASSE 1,CH-6300
ZUG,SWITZERLAND Switzerland

(72)Name of Inventor :
1)JOHNSTON, DAVID
2)HABESHAW,ROSEMARY,LOUISE
3)HARRISON,NIGEL

(57) Abstract :

The present invention concerns an injection device with a housing adapted to receive a syringe having a discharge nozzle, the housing having an indicator opening. There is a trigger and a forward drive arranged to act upon the syringe on actuation of the trigger to advance the syringe from a retracted position to an extended position thereby discharging the contents of the syringe through the discharge nozzle. A support member is in contacting juxtaposition with the housing and a return drive is supported by the support member and arranged to act upon the syringe after the contents of the syringe has been discharged so that the syringe can be withdrawn from the extended position to the retracted position. Advantageously, the support member is arranged in the housing so that the second drive does not obscure an inspection of the contents of the syringe through the indicator opening. Hence, it can be clearly determined whether the contents of the syringe have been expelled from the syringe.



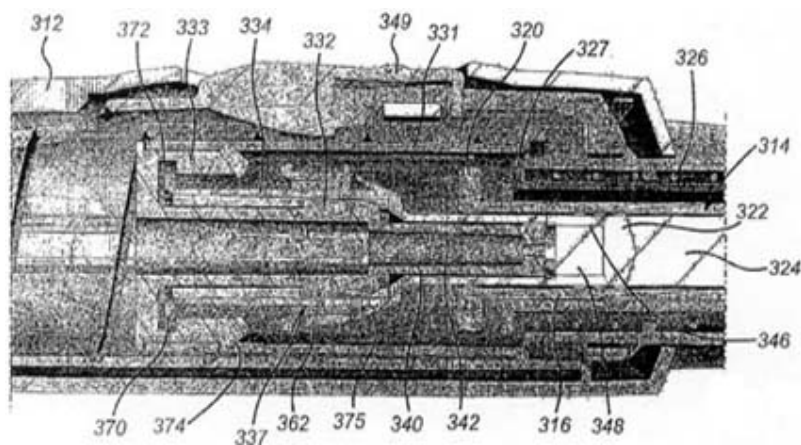
(54) Title of the invention : INJECTION DEVICE

(51) International classification :A61M5/20;
A61M5/32
(31) Priority Document No :0412061.4
(32) Priority Date :28/05/2004
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2005/002137
Filing Date :27/05/2005
(87) International Publication No :WO 2005/115513
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)CILAG GMBH INTERNATIONAL,
Address of Applicant :LANDIS & GYRSTRASSE 1,CH-6300
ZUG,SWITZERLAND Switzerland
(72)Name of Inventor :
1)BARROW-WILLIAMS, TIM

(57) Abstract :

An injection device (210) is described. A housing (212) receives a syringe and includes a return spring (226) for biasing the syringe from an extended position in which its needle (218) extends from the housing (212) to a retracted position in which the it does not. A drive spring (230) acts on a first drive element (232) and a second drive element (234) acts upon the syringe to advance it from its retracted position to its extended position and discharge its contents through the needle. The first drive element (232) is capable of movement relative to the second (234) once a nominal decoupling position has been reached. A release mechanism is activated when the first drive element (234) is further advanced to a nominal release position, to release the syringe (214) from the action of the drive spring (230), whereupon the return spring (226) restores the syringe (214) to its retracted position. A locking mechanism (337, 375) confines the returned syringe in its retracted position.



(54) Title of the invention : VENEERED PANEL

(51) International classification :B27D1/00;
B32B21/04
(31) Priority Document No :20 2004 010083.5
(32) Priority Date :25/06/2004
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2004/052536
Filing Date :14/10/2004
(87) International Publication No :WO 2006/000253
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

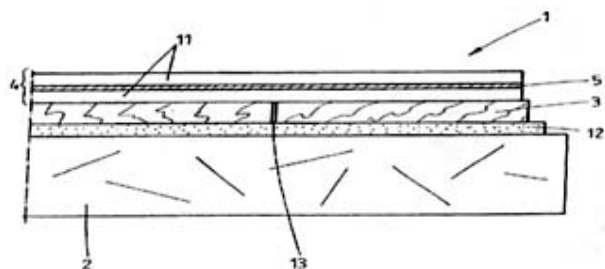
1)KAINDL FLOORING GMBHAddress of Applicant :KAINDLSTR 2,5071 WALZ/SALZBURG,
Austria

(72)Name of Inventor :

1)SCHUSTER, JOHANNES (MR.)

(57) Abstract :

The invention relates to a veneered panel (1) having a supporting panel (2) and a veneer (3), which is joined to at least one surface of the supporting panel (2). An overlay (4) is provided on the side of the veneer (3) facing away from the supporting plate.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.3872/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :21/12/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : METHOD AND DEVICE FOR ADJUSTING THE TRANSMISSION OF PRINTING INK AS WELL AS METHOD FOR USING THIS DEVICE

(51) International classification	:B41F13/22; B41F31/00	(71)Name of Applicant : 1)KOENIG & BAUER AKTIENGESELLSCHAFT Address of Applicant :FRIEDRICH-KOENIG-STR.4,97080 WURZBURG, Germany
(31) Priority Document No	:102004025604.7	(72)Name of Inventor : 1)SCHNEIDER, GEORG 2)REDER,WOLFGANG,OTTO
(32) Priority Date	:25/05/2004	
(33) Name of priority country	:Germany	
(86) International Application No	:PCT/EP2005/052287	
Filing Date	:18/05/2005	
(87) International Publication No	:WO 2005/115758	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

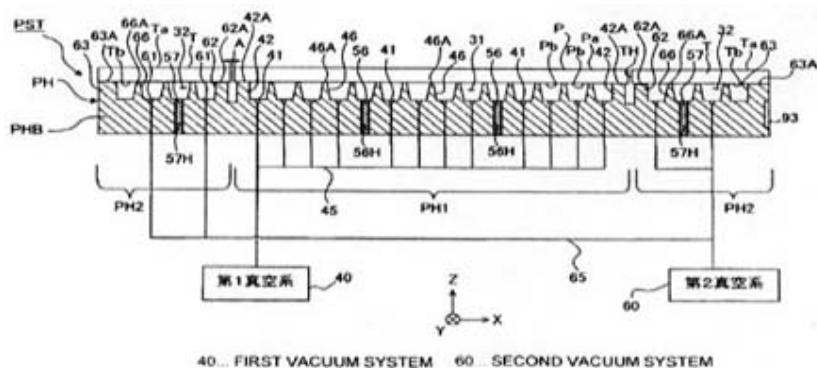
The invention pertains to a method and a device for adjusting a transmission of printing ink as well as a method for using this device. In the method for adjusting the transmission of printing ink a first roller arranged in an inking device of a printing machine transmits printing ink into a form cylinder w hereby with a tempering unit having an adjusting device a temperature is set on the jacket surface of the first roller whereby the adjusting device with a tempering unit of the form cylinder sets a temperature to be set on the jacket surface of the form cylinder. whereby the tempering units adjust a parameter of the printing ink whereby with the temperature set on the jacket surface of the first roller a first parameter of the printing ink is adjusted, and with the temperature set on the jacket surface of the form cylinder another second parameter of the same printing ink transmitted to the form cylinder is adjusted. The parameters of the printing ink pertain to its viscosity and easy low.

(54) Title of the invention : "SUBSTRATE HOLDING DEVICE, EXPOSURE APPARATUS HAVING SAME, EXPOSURE METHOD, METHOD FOR PRODUCING DEVICE, AND LIQUID REPELLENT PLATE"

(51) International classification	:G03F7/20; G03F9/00	(71) Name of Applicant : 1)NIKON CORPORATION
(31) Priority Document No	:2004-171116	Address of Applicant :2-3,MARUNOUCHI 3-CHOME,CHIYODA-
(32) Priority Date	:09/06/2004	KU,TOKYO 100-8331, Japan
(33) Name of priority country	:Japan	(72) Name of Inventor :
(86) International Application No	:PCT/JP2005/010458	1)SHIBAZAKI, YUICHI
Filing Date	:08/06/2005	
(87) International Publication No	:WO 2005/122219	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A substrate holder (PH) includes a base (PHB); a first holding portion (PHI) which is formed on the base (PHB) and which attracts and holds a substrate (P); and a second holding portion (PH2) which is formed on the base (PHB) and which attracts and holds a plate member (T) in the vicinity of the substrate (P) attracted and held by the first holding portion (PHI). In an exposure apparatus including such a substrate holder (PH), the plate can be exchanged easily, thereby making the maintenance of the apparatus easy. Consequently, such an exposure apparatus is suitable for immersion exposure.

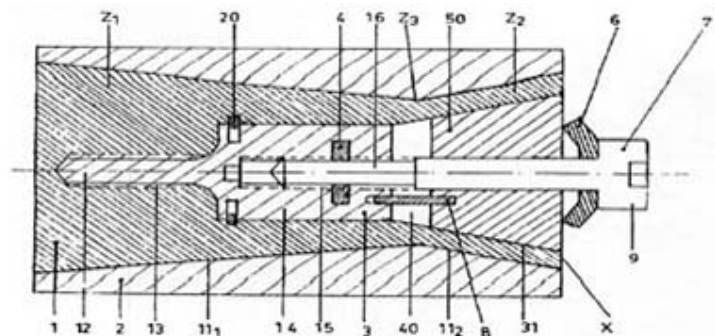


(54) Title of the invention : "HANDLE CONNECTION FOR A MANUAL UTENSIL OR TOOL"

(51) International classification	:B25G3/12; B25G3/28	(71)Name of Applicant :
(31) Priority Document No	:P-200402342	1)ZUBIAURRE ALBERDI PEDRO JOSE
(32) Priority Date	:01/10/2004	Address of Applicant :POLIGONO IBAITARTE,PABELLON A-7,E-20870 ELGOIBAR(GIPUZKOA) Spain
(33) Name of priority country	:Spain	2)ZUBIAURRE ALBERDI MANUEL MA
(86) International Application No	:PCT/ES2004/000449	(72)Name of Inventor :
Filing Date	:19/10/2004	1)ZUBIAURRE ALBERDI PEDRO JOSE
(87) International Publication No	:WO 2006/045855	2)ZUBIAURRE ALBERDI MANUEL MA
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a handle-fixing system for a hand tool or utensil, in which the tool (2) is equipped with a biconical through-hole and the handle is equipped with handle head (1). According to the invention, the outer surface of the handle head fits together with that of the hole in which it is housed. In addition, the handle head (1) is provided with an inner hole (40) comprising an opening (31) in the projecting (Z2) zone thereof, which is equipped with a wedge (5) which, by pressing on the projecting zone (Z2), adapts same to the hole. The invention also comprises fixing screw (7) comprising a body (16) which extends through the wedge (5) and which is screwed (15), (151) either directly or indirectly to the handle head (1). The head (9) of the fixing screw butts either directly or indirectly against the tool (2), such that the handle head (1) acts as a nut in relation to the fixing screw (7). The invention is suitable for hand tools.



(54) Title of the invention : "CONVECTIVE ACCELEROMETER"

(51) International classification	:G01P15/00; G01P15/00
(31) Priority Document No	:10/851,711
(32) Priority Date	:21/05/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2005/017244
Filing Date	:17/05/2005
(87) International Publication No	:WO 2005/116665
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)MET TECH LLC.

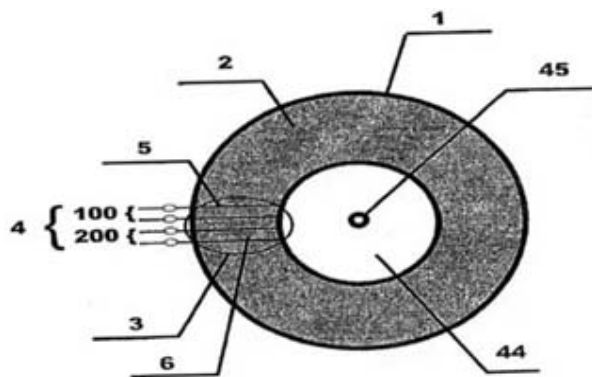
Address of Applicant :5 BALANCHINE COURT,MONSEY NEW YORK 10952, U.S.A.

(72)Name of Inventor :

1)KOZLOV VLADIMIRA**2)AGAFONOV VADIM M**

(57) Abstract :

A convective accelerometer capable of measuring linear or angular acceleration, velocity, or angle of inclination is provided. The accelerometer comprises sensing elements that are sensitive to convection located inside a sealed housing containing a liquid agent. Applied external acceleration causes forced convection of the liquid agent, which produces variations in an electric current produced by the sensing elements that are proportional to, the applied acceleration or angle of inclination. The accelerometer has a small size, extremely wide frequency and dynamic ranges, high sensitivity, simple design and is suitable for mass production. The device has a wide range of application, such as stabilization and control systems, homeland security, and oil exploration.

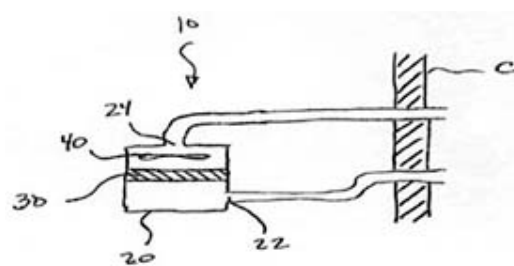
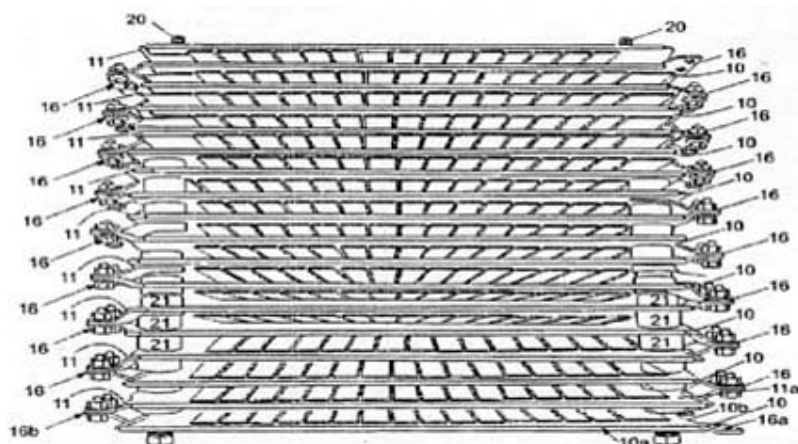


(54) Title of the invention : "ANTIMICROBIAL REFRIGERATOR AIR FILTER"

(51) International classification	:A61L 9/00, B01D 46/10	(71)Name of Applicant :
(31) Priority Document No	:60/580,646	1)MICROBAN PRODUCTS COMPANY
(32) Priority Date	:17/06/2004	Address of Applicant :11515,VANSTORY DRIVE, SUITE
(33) Name of priority country	:U.S.A.	125,HUNTERSVILLE,NC 28078 U.S.A.
(86) International Application No	:PCT/US2005/021438	(72)Name of Inventor :
Filing Date	:17/06/2005	1)SWOFFORD, HOWARD, WAYNE
(87) International Publication No	:WO 2006/009834	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An air filter suitable for cleaning the air inside of a refrigerated compartment contains an antimicrobial agent exhibiting biocidal properties against microbes entrained in the air of the compartment. The antimicrobial agent can be associated with the media fibers with a binder.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.3877/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :21/12/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : "HETEROCYCLE-SUBSTITUTED CYCLIC UREA DERIVATIVES, PREPARATION THEREOF AND PHARMACEUTICAL USE THEREOF AS KINASE INHIBITORS"

(51) International classification :C07D 417/14
(31) Priority Document No :04291905.0
(32) Priority Date :27/07/2004
(33) Name of priority country :EUROPEAN UNION
(86) International Application No :PCT/EP2005/008721
Filing Date :25/07/2005
(87) International Publication No :WO 2006/010642
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)AVENTIS PHARMA S.A.

Address of Applicant :20 AVENUE RAYMOND ARON, F-92160,ANTONY, France

(72)Name of Inventor :

1)STROBEL, HARTMUT

2)RUF,SVEN

3)LESUISSE,DOMINIQUE

4)NEMECEK,CONCEPTION

5)GUESSREGEN,STEFAN

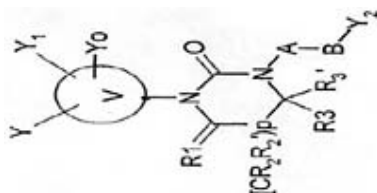
6)LEBRUN ANNE

7)RITTER,KURT

8)MALLERON,JEAN-LUC

(57) Abstract :

The invention relates to the product of formula (1)in which V represents a heterocyclic radical, as protein kinase inhibitors.

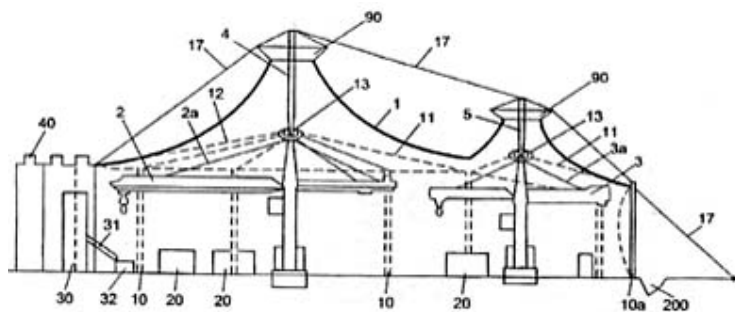


(54) Title of the invention : FACILITY USED FOR THE PRODUCTION AND/OR ASSEMBLY OF GOODS

(51) International classification	:B66C23/18; E04G21/28	(71)Name of Applicant :
(31) Priority Document No	:10 2004 032 945.1	1)WOB BEN, ALOYS
(32) Priority Date	:07/07/2004	Address of Applicant :ARGESTRASSE 19,26607 AURICH
(33) Name of priority country	:Germany	Germany
(86) International Application No	:PCT/EP2005/053219	(72)Name of Inventor :
Filing Date	:06/07/2005	1)WOB BEN, ALOYS
(87) International Publication No	:WO 2006/003207	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

There is proposed a preferably transportable (mobile) and/or reusable production facility, as is quick and easy to erect virtually at any location in this world. This production facility virtually comprises a tent structure, wherein the roof of the facility is held by at least one carrier (support) and at the same time at least one device for raising or lowering or moving goods or parts thereof, for example crane structures, is also provided on the carrier itself. Such a crane structure can be of a very variable configuration and facilitates in particular the production of goods which are very heavy and which for assembly can also no longer be raised or moved by human strength.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.3879/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :21/12/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : "INTERFERON ALPHA RECEPTOR 1 ANTIBODIES AND THEIR USES"

(51) International classification

:A61K39/395;
C07K16/18;

(31) Priority Document No

:60/581,747

(32) Priority Date

:21/06/2004

(33) Name of priority country

:U.S.A.

(86) International Application No

:PCT/US2005/021951

Filing Date

:20/06/2005

(87) International Publication No

:WO 2006/002177

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)MEDAREX, INC

Address of Applicant :707 STATE ROAD,PRINCETON,NJ 08540
U.S.A.

(72)Name of Inventor :

1)CARDARELLI JOSEPHINE M

2)WITTE ALISON

3)SRINIVASAN MOHAN

(57) Abstract :

The present invention provides isolated human monoclonal antibodies that bind to IFNAR-1 and that are capable of inhibiting the biological activity of Type I interferons. Immunoconjugates, bispecific molecules and pharmaceutical compositions comprising the antibodies of the invention are also provided. The invention also provides methods for inhibiting Type I interferon-mediated disorders using the antibodies of the invention, including methods for treating autoimmune disorders, transplant rejection or Graft Versus Host Disease using the antibodies of the invention.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3880/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :21/12/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : "ULTRASOUND-ASSISTED SYNTHESIS OF CYCLODEXTRIN-BASED NANOSPONGES"

(51) International classification	:C08B 37/16
(31) Priority Document No	:04425460.5
(32) Priority Date	:25/06/2004
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/EP2005/006747
Filing Date	:22/06/2005
(87) International Publication No	:WO 2006/002814
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)SEA MARCONI TECHNOLOGIES DI
Address of Applicant :AN ITALIAN ORGANISATION VIA
PRINCIPI D'ACAJA 11,I-10141 TORINO Italy

(72)**Name of Inventor :**
1)TROTTA FRANCESCO
2)CAVALLI ROBERTA
3)TUMIATTI WANDER
4)ZERBINATI ORFEO
5)ROGGERO CARLO
6)VALLERO ROBERTO

(57) Abstract :

A description is given of substantially spherical nanospoges which can be obtained by crosslinking cyclodextrins and their by-products with organic carbonates as crosslinkers and ultrasounds without a solvent.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3881/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :21/12/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : COMPOSITIONS CONTAINING NICORANDIL, PREPARATION METHOD AND USE

(51) International classification	:A61K9/20; A61K31/455	(71) Name of Applicant : 1)AVENTIS PHARMA S.A.
(31) Priority Document No	:0407590	Address of Applicant :20 AVENUE RAYMOND ARON 92160
(32) Priority Date	:08/07/2004	ANTONY,FRANCE France
(33) Name of priority country	:France	(72) Name of Inventor :
(86) International Application No	:PCTFR2005001730	1)NOCENT MATHIEU
Filing Date	:05/07/2005	2)BONHOMME THIERRY
(87) International Publication No	:WO 2006/016040	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention concerns compositions containing Nicorandil, compositions obtained by said method and use thereof. The invention concerns in particular a method for preparing compositions containing Nicorandil, compositions obtained by said method, tablets obtained by direct compression, and their use as medicine.

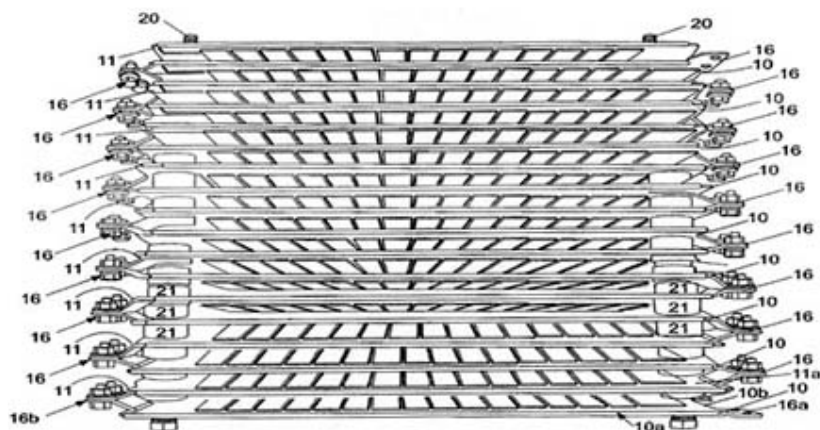
(54) Title of the invention : HIGH PERFORMANCE LOAD RESISTOR

(51) International classification	:H01C3/10
(31) Priority Document No	:102004033680.6
(32) Priority Date	:09/07/2004
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2005/007419
Filing Date	:08/07/2005
(87) International Publication No	:WO 2006/005542
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)WOBZEN,ALOYS
 Address of Applicant :ARGESTRASSE 19,26607 AURICH
 Germany
 (72)**Name of Inventor :**
1)WOBZEN, ALOYS

(57) Abstract :

The present invention concerns a high-performance resistor comprising a plurality of resistor elements (10, 11) which are electrically connected in series and each having a first and a second side (10a, 10b; 11a, 11b) and a first and a second end (10c, 10d; 11c, 11d), wherein provided at the first end (10c, 11c) is a first connection (16a) and provided at the second end (10d; 11d) is a second connection for connection of the resistor elements (10, 11). The first and second connections (16a, 16b) each have an inner portion and an outer portion, wherein the inner portion of the first connection (16a) is bent at a predetermined angle with respect to the first side (10a, 11a) of the resistor element (10, 11) and the outer portion of the first connection (16a) is in a plane which is substantially parallel to the plane of the resistor element (10, 11), and wherein the inner portion of the second connection (16b) is bent at a predetermined angle with respect to the second side (10b, 11b) of the resistor element (10, 11) and the outer portion of the second connection (16b) is in a plane which is substantially parallel to the plane of the resistor element (10, 11).



(12) PATENT APPLICATION PUBLICATION

(21) Application No.3883/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :21/12/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : "CARRYING APPARATUS WITH LIFTING CARRIED OBJECT SUPPORT TABLE"

(51) International classification	:B61B 13/12
(31) Priority Document No	:JP2004-232024
(32) Priority Date	:09/08/2004
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2005/014084
Filing Date	:02/08/2005
(87) International Publication No	:WO 2006/016502
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)DAIFUKU CO.,LTD.
Address of Applicant :2-11,MITEJIMA 3-CHOME NISHI-YODOGAWA-KU OSAKA-SHI OSAKA-5500012 Japan

(72)**Name of Inventor :**
1)NAKAMURA JIROU
2)HAYASAH NOBUHIRO
3)SATOU MASANOBU

(57) Abstract :

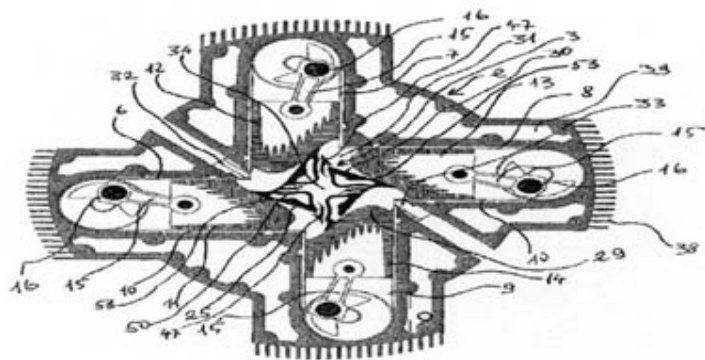
A carrying apparatus formed to selectively move a carried object support table (3) installed on a carrying travel body { 1} to a raised position by pushing up the support table by cam rails (40) laid down in the specified district of a carrying route, wherein the holding function of the carried object support table (3) at the raised position is increased to increase safety. Locked parts (33) reciprocatingly moving in a roughly horizontal direction according to the derricking motion of crosslink mechanisms (12) and locking devices (34) for locking automatically engaged with the locked parts (33) when the carried object support table (3) is raised to a specified position are installed on the travel body (1) sides of the crosslink mechanisms ,(12) liftably supporting the carried object support table (3). Lock releasing cams (41) switching the locking devices (34) for locking to a lock release attitude according to the traveling of the carrying travel body (1) are installed on the cam rails at the terminal end of the specified district.

(54) Title of the invention : "RECIPROCATING AND ROTARY PISTON ENGINE"

(51) International classification	:F01C1/356; F01C21/08	(71)Name of Applicant :
(31) Priority Document No	:BZ2004A000025	1)TAAUT S.R.L.G.M.B.H
(32) Priority Date	:10/06/2004	Address of Applicant :VIA VESCOVADO-HOFGASSE 4, I-39042
(33) Name of priority country	:Italy	BRESSANONE, Italy
(86) International Application No	:PCT/IB2005/001517	(72)Name of Inventor :
Filing Date	:31/05/2005	1)COLOMBI,WALTER
(87) International Publication No	:WO 2005/121527	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A reciprocating / rotary piston engine is described comprising a housing containing a pivotable rotor as well as a series of openings in which pistons move up and down. According to the invention, the rotor is made up of a rotary piston (25) presenting a series of active surfaces between its vertices (two, four, six... n active surfaces) corresponding to the number of rotary pistons and with corresponding active surfaces of the reciprocating pistons with alternately linkable chambers with a fuel supply, a carburation and an exhaust gas outlet.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.3885/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :21/12/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : "CONVEYANCE APPARATUS WITH LIFTING/LOWERING LOAD CARRYING PLATFORM"

(51) International classification	:B65G17/06; B62D65/18	(71)Name of Applicant : 1) DAIFUKU CO., LTD.
(31) Priority Document No	:JP2004-246384	Address of Applicant :2-11, MITEJIMA 3-CHOME, NISHI-
(32) Priority Date	:26/08/2004	YODOGAWA-KU, OSAKA-SHI, OSAKA-5500012 Japan
(33) Name of priority country	:Japan	(72)Name of Inventor :
(86) International Application No	:PCT/JP2005/014085	1)HAYASHI NOBUHIRO
Filing Date	:02/08/2005	
(87) International Publication No	:WO 2006/022121	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

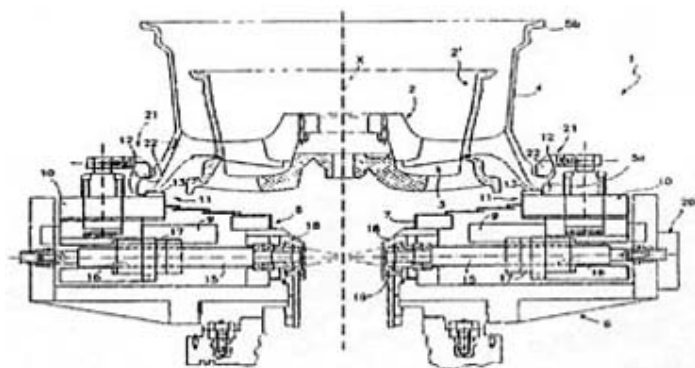
A lifting stroke of a load carrying platform (3), liftably/lowerably supported through a cross link (13a), of a traveling body (1) for conveyance is increased with a low floor structure of the traveling body (1) maintained. In a conveyance apparatus having a lifting/lowering load carrying platform, there are laid a first cam rail (47A) acting on a first to-be-operated section (28) to lift a load carrying platform (3) to an intermediate height (H1) and a second cam rail (48) acting on a second to-be-operated section (29) to lift the platform (3) from the intermediate height (H1) to the maximum height (H2). The second to-be-operated section (29) is provided at an intermediate folding fulcrum (36) of a toggle link (32) interposed between the cross link (13a) and a fixation position on the traveling body (1) side. When the platform (3) is lifted to the intermediate height (H1), the toggle link (32) is extended such that both upper fulcrums (37, 9) are separated, relative to the intermediate folding fulcrum (36), to both the front and rear in the traveling direction. The second to-be-operated section (29) in this extended state of the toggle link (32) is positioned below the first to-be-operated section (28) in the same state.

(54) Title of the invention : "DEVICE FOR CLAMPING IN CENTRED POSITION PARTS TO BE SUBJECTED TO MACHINING AND MACHINE TOOL COMPRISING SAID DEVICE"

(51) International classification	:B23Q3/18; B60B30/00	(71)Name of Applicant :
(31) Priority Document No	:PD2004A000177	1)MAUS S.p.A
(32) Priority Date	:02/07/2004	Address of Applicant :VIA CALTANA 28,I-35011
(33) Name of priority country	:Italy	CAMPODARSEGO (PD) Italy
(86) International Application No	:PCT/IT2004/000678	(72)Name of Inventor :
Filing Date	:06/12/2004	1)SAMMARTIN,ROBERTO
(87) International Publication No	:WO 2006/003683	2)VALENTINI,BRUNO
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A device (1; 50) is described for clamping parts in centred position to be subjected to machining, comprising a device for centring the part, on a worktable (7) including at least three centring elements (11) with a regular angular spacing, which are capable of coming into contact with the part to displace it into a centred position, each if the centring elements (11) being displaceable along a predetermined radial direction (Y), actuating means associated with each respective centring element (11) for operational actuation thereof in the translational movement along the corresponding radial direction (Y), in which the actuating means comprise, for each centring element (11), a respective actuating element (15) capable of being driven in a rotational motion and respective first motion transmission means (16,17) capable of converting the rotational motion of the actuating element (15) into a translational motion of the corresponding centring element (11) along the corresponding radial direction (Y) together with second motion transmission means (18,19) between the actuating elements (15) capable of synchronously transmitting the rotational motion of one of the actuating elements to the other actuating elements so as to impart a synchronized translational movement of the centring elements (11) along the respective radial translation directions (Y).



(12) PATENT APPLICATION PUBLICATION

(21) Application No.3887/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :22/12/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : "COMPOSITIONS AND METHODS FOR TREATMENT OF CARDIOVASCULAR DISEASE"

(51) International classification	:A61P9/04; A61K38/17; A61P9/00;	(71)Name of Applicant : 1)VECTUS BIOSYSTEMS LIMITED Address of Applicant :3-11 PRIMROSE AVENUE, ROSEBERY,NEW SOUTH WALES,2018 Australia
(31) Priority Document No	:2004903188	(72)Name of Inventor :
(32) Priority Date	:11/06/2004	1)DUGGAN,KAREN ANNETTE
(33) Name of priority country	:Australia	
(86) International Application No	:PCT/AU2005/000835	
Filing Date	:10/06/2005	
(87) International Publication No	:WO 2005/120545	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention is concerned with composition and methods for treatment of certain cardiovascular conditions. In particular it is concerned with prophylactic or therapeutic treatment of myocardial fibrosis or associated conditions by administering compositions comprising vasoactive intestinal peptide (VIP) and/or active fragments) thereof.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3888/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :22/12/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : TRITERPENE CONTAINING OLEOGEL FORMING AGENT, TRITERPENE CONTAINING OLEOGEL AND METHOD FOR PRODUCING A TRITERPENE-CONTAINING OLEOGEL

(51) International classification	:A61K 9/06	(71) Name of Applicant :
(31) Priority Document No	:102004030044.5	1)BIRKEN GMBH
(32) Priority Date	:22/06/2004	Address of Applicant :STREIFLINGSWEG 11 75223 NIEFERN-
(33) Name of priority country	:Germany	OSCHELBRONN Germany
(86) International Application No	:PCT/EP2005/006710	(72) Name of Inventor :
Filing Date	:21/06/2005	1)SCHEFFLER,ARMIN
(87) International Publication No	:WO 2005/123037	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

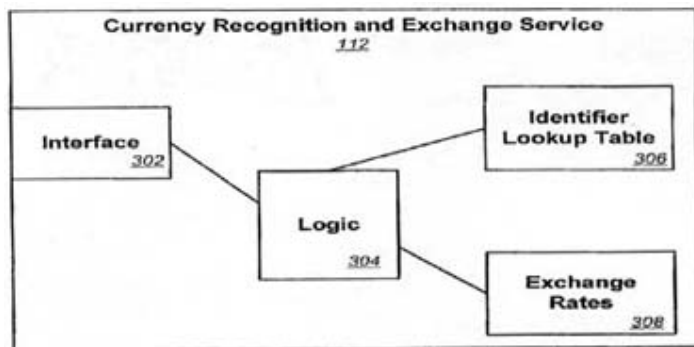
The invention relates to an oleogel- forming agent which comprises at least one highly dispersed triterpene. The invention also relates to an oleogel which comprises a nonpolar liquid in an amount ranging from 80 % by weight to 99 % by weight based on the total weight of the oleogel and an oleogel-forming agent comprising a highly dispersed triterpene in an amount ranging from 1 % by weight to 20 % by weight based on the total weight of the oleogel. The invention also relates to a method for producing an oleogel.

(54) Title of the invention : ATM MACHINE AND METHODS WITH CURRENCY CONVERSION CAPABILITIES

(51) International classification	:G06Q40/00; G06Q40/00	(71) Name of Applicant : 1)FIRST DATA CORPORATION Address of Applicant :12500 EAST BELFORD AVENUE ENGLEWOOD,COLORADO 80112 U.S.A.
(31) Priority Document No	:60/580,985	2)FEXCO
(32) Priority Date	:17/06/2004	(72) Name of Inventor :
(33) Name of priority country	:U.S.A.	1)FILLINGER,CHARLES A.
(86) International Application No	:PCT/US2005/021403	2)O'SULLIVAN ,BARRY
Filing Date	:16/06/2005	
(87) International Publication No	:WO 2006/009816	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Methods, systems, and Automated Teller Machines (ATMs) are disclosed which provide ATM currency conversion capabilities. In one embodiment, a financial account number associated with a financial account maintained by a customer at a financial institution is received, a foreign currency type associated with the financial account is determined, and a choice is presented to the customer at the ATM to conduct a financial transaction in the foreign currency type. A currency selection is received from the customer and at least a portion of the financial transaction is conducted at the ATM in the selected currency.

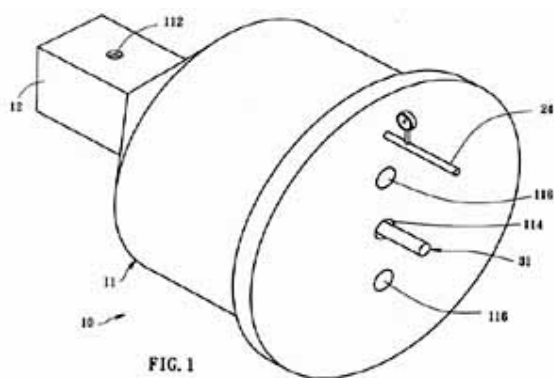


(54) Title of the invention : DEVICE FOR OPERATING GAS IN VACUUM OR LOW-PRESSURE ENVIRONMENT AND FOR OBSERVATION OF THE OPERATION

(51) International classification	:G01N23/22	(71)Name of Applicant :
(31) Priority Document No	:94114965	1)LEE BING-HUAN
(32) Priority Date	:09/05/2005	Address of Applicant :1F., NO.2, LANE 46, BENGUAN RD.,
(33) Name of priority country	:Chinese	NIAOSONG TOWNSHIP KAOHSIUNG COUNTY 833 China
	Taipei	(72)Name of Inventor :
(86) International Application No	:NA	1)CHAO CHIH-YU
Filing Date	: NA	2)HSIEH WEN-JIUNN
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A device for operating gas in the vacuum or low-pressure environment and for observation of the operation includes a housing. The housing has a thinner part formed at a side thereof, and at least one spacer mounted therein for partitioning off its inside into a gas chamber and at least one buffer chamber outside the gas chamber. The gas chamber has two inner apertures provided on the spacers above and below the gas chamber. The housing has two outer apertures provided respectively on a top side thereof and a bottom side thereof. All of the inner and outer apertures are coaxial with one another and located on the thinner part. The housing has a pumping port for communication with the buffer chamber, and a gas inlet for communication with the gas chamber.



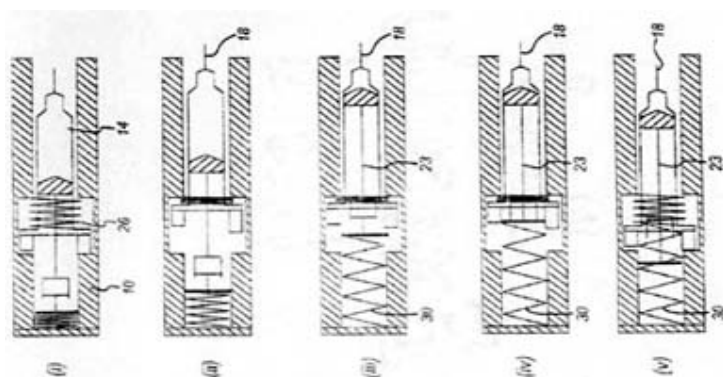
(54) Title of the invention : INJECTION DEVICE.

(51) International classification :A61M5/20;
A61M5/32
(31) Priority Document No :0412049.9
(32) Priority Date :28/05/2004
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2005/002131
Filing Date :27/05/2005
(87) International Publication No :WO 2005/115512
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)CILAG GMBH INTERNATIONAL
Address of Applicant :LANDIS & GYRSTRASSE 1 CH-6300 ZUG
Switzerland
(72)Name of Inventor :
1)BARROW-WILLIAMS,TIM
2)JOHNSTON,MAXWELL,DAVID

(57) Abstract :

An injection device (210; 110) is described. A housing (212; 112) receives a syringe and includes a return spring (226; 126) for biasing the syringe from an extended position in which its needle (218; 118) extends from the housing (212; 112) to a retracted position in which the it does not. A drive spring (230; 130) acts on a first drive element (232; 132) and a second drive element (234; 134) acts upon the syringe to advance it from its retracted position to its extended position and discharge its contents through the needle. The first drive element (232; 132) is capable of movement relative to the second (234; 134) once a nominal decoupling position has been reached. A release mechanism is activated when the first drive element (234; 134) is further advanced to a nominal release position, to release the syringe (214;114) from the action of the drive spring (230; 130), whereupon the return spring (226; 126) restores the syringe (214; 114) to its retracted position. The nominal decoupling and release positions are defined relative to the syringe (214; 114). This may be achieved by interaction between a moving component and a decoupling component (162; 262) that moves with the syringe as it is advanced.



(54) Title of the invention : INJECTION DEVICE

(51) International classification :A61M5/24;
A61M5/24
(31) Priority Document No :0412050.7
(32) Priority Date :28/05/2004
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2005/002135
Filing Date :27/05/2005
(87) International Publication No :WO 2005/115514
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

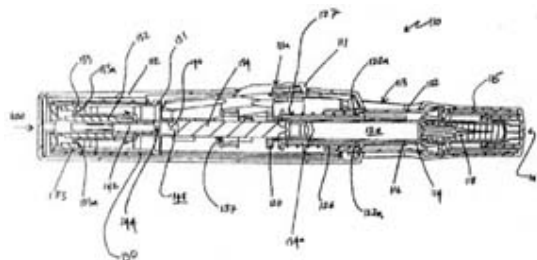
1)CILAG GMBH INTERNATIONALAddress of Applicant :LANDIS & GYRSTRASSE 1 CH-6300 ZUG
Switzerland

(72)Name of Inventor :

1)HARRISON,NIGEL,DAVID**2)HABESHAW,ROSEMARY,LOUISE**

(57) Abstract :

An injection device is described. A syringe 114 is received within a housing, the syringe having a bore terminating at a forward end in a hypodermic needle 118 and at a rearward end in a flared opening 210 in which a bung 134a having a bore 206 surrounded by a skirt 208 is inserted. A device element 134 has a forward end consisting of a substantially flat annular region 200 that bears upon the skirt 208 of the bung 134a and surrounds a conical middle region 202 that is received in the bore 206 of the bung 134a. An actuator advances the drive element 134 so as to advance the bung 134a and discharge the contents of the syringe through the needle 118. The opening 210 in the rear of the glass syringe is flared by being provided with a radius. The combination of the radius at the opening 210 and the projecting conical middle region 202 of the drive element allows misalignments of the two to be managed during automated assembly. This is because the conical middle region 202 either pass straight into the opening 210 of the syringe, or contact the radius, which guides them towards the centre of the syringe bore. The radius and the substantially flat annular region 200 and the central conical portion 202 of the drive element 134 are so shaped and dimensioned that axial misalignment between the syringe 114 and the drive element 134 during assembly of the injection device are corrected by, firstly, the conical middle region 202 of the drive element 134 riding up the radius to a point at which, secondly, the substantially flat annular region 200 also makes contact with and rides up the radius to align the drive element 134 in the bore of the syringe 114.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.3892/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :22/12/2006

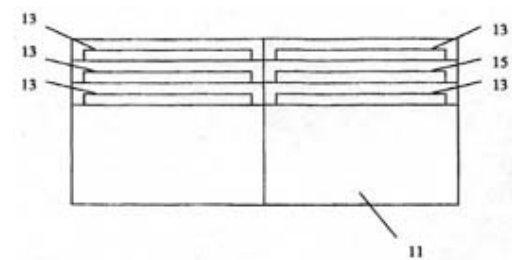
(43) Publication Date : 22/06/2007

(54) Title of the invention : APPARATUS AND METHOD FOR PREVENTING CREDIT CARD FRAUD

(51) International classification	:G06K5/00; G06Q20/00	(71)Name of Applicant : 1)SEEGAR,MARK
(31) Priority Document No	:10/913,636	Address of Applicant :5601 TRAILS EDGE DRIVE, ARLINGTON
(32) Priority Date	:06/08/2004	,TX 76017, U.S.A.
(33) Name of priority country	:U.S.A.	(72)Name of Inventor :
(86) International Application No	:PCT/US2005/027708	1)SEEGAR,MARK
Filing Date	:05/08/2005	
(87) International Publication No	:WO 2006/017648	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A trigger card (13) and system for preventing credit and debit card fraud is disclosed. The trigger card (13) is adapted to be indistinguishable from typical credit cards and other cards issued by financial institutions. The system is adapted to receive signals when a standard card reader reads the trigger card (13). The system is further adapted to initiate an automated procedure to reduce fraud upon receipt of the signal indicating that the trigger card (13) has been read by the card reader.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.3893/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :22/12/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : AZAINDOLES USEFUL AS INHIBITORS OF PROTEIN KINASES

(51) International classification	:C07D471/04,A61P35/00	(71) Name of Applicant :
(31) Priority Document No	:60/548,383	1)VERTEX PHARMACEUTICALS INCORPORATED
(32) Priority Date	:30/06/2004	Address of Applicant :130 WAVERLY STREET,CAMBRIDGE, MA
(33) Name of priority country	:U.S.A.	02139,U.S.A. U.S.A.
(86) International Application No	:PCT/US2005/023429	(72) Name of Inventor :
Filing Date	:29/06/2005	1)PIERARD,FRANCOISE
(87) International Publication No	:WO 2006/004984	2)JIMENEZ,JUAN-MIGUEL
(61) Patent of Addition to Application Number	:NA	3)KENGTEL,RONALD
Filing Date	:NA	4)BRENCHLEY,GUY
(62) Divisional to to Application Number	:NA	5)TIMORE,MICHAEL
Filing Date	:NA	6)MAZZEI,FRANCESCA

(57) Abstract :

The present invention relates to pyrrolo '2,3-b! pyridine compounds useful as inhibitors of protein kinases. The invention also provides pharmaceutically acceptable compositions comprising said compounds and methods of using the compositions in the treatment of various disease, conditions, or disorders. The invention also provides processes for preparing the compounds of the invention.

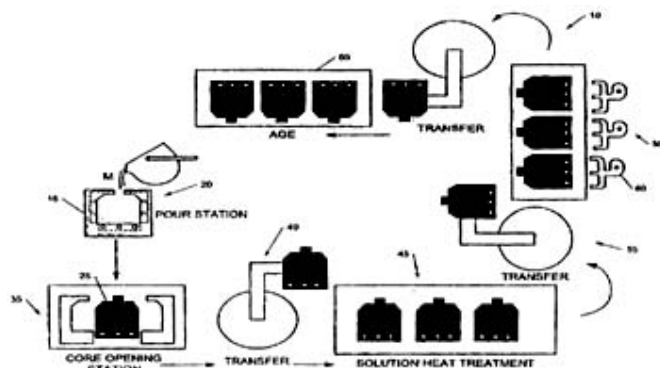
(54) Title of the invention : "METHOD AND APPARATUS FOR REMOVAL OF FLASHING AND BLOCKAGES FROM A CASTING"

(51) International classification :B22D 27/04
 (31) Priority Document No :60/583,438
 (32) Priority Date :28/06/2004
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2005/022939
 Filing Date :27/06/2005
 (87) International Publication No :WO 2006/004756
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :
1)CONSOLIDATED ENGINEERING COMPANY,INC.
 Address of Applicant :1971 MCCOLLUM PARKWAY
 KENNESAW GA-30144 U.S.A. U.S.A.
 (72)Name of Inventor :
1)CRAFTON ,SCOTT,P.
2)CRAFTON,PAUL,M.
3)LEWIS,JAMES,L.,JR.
4)FRENCH,IAN

(57) Abstract :

A method of producing a metal casting comprising : pouring a molten metal material into a mold to form a casting having a core aperture ; removing the casting from the mold; at least partially clearing the core aperture of the casting; and heat treating the casting.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.3895/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :22/12/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : "METHODS FOR THE PRODUCTION OF POLYMER CARRIER MATERIALS BASED ON CARBON HYDRATE-BIS-(METH)ACRYL-AMIDES".

(51) International classification	:C08J 9/00	(71)Name of Applicant :
(31) Priority Document No	:A 1100/2004	1)TECHNISCHE UNIVERSITAT WEIN
(32) Priority Date	:29/06/2004	Address of Applicant :KARLSPLATZ 13,A-1040, WIEN,AUSTRIA
(33) Name of priority country	:Austria	Austria
(86) International Application No	:PCT/AT2005/000230	(72)Name of Inventor :
Filing Date	:24/06/2005	1)VERDIANZ,THOMAS
(87) International Publication No	:WO 2006/000008	2)GRUBER,HEINRICH
(61) Patent of Addition to Application Number	:NA	3)KNAUS,SIMONE
Filing Date	:NA	4)POSCHALKO,ALEXANDER
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

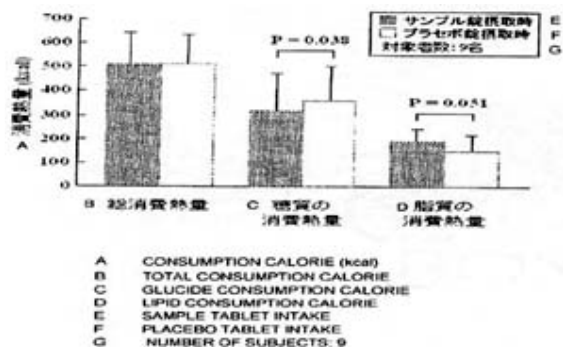
The invention relates to methods for the production of polymer carrier materials for solid phase synthesis, particularly for peptide synthesis. (Meth)acrylamide derivatives based on carbon hydrates, which can also contain other protective groups, are polymerized by means of suspension polymerization in an aqueous phase, optionally with the addition of pore-forming additives, and subsequently the protective groups are fully or partially cleaved. It is thus possible to obtain polymer carriers whose morphology (particle size, porosity), degree of cross-linking and swelling capability in aqueous and organic media can be adjusted in a targeted manner and whose reactive groups offer multiple opportunities for the immobilization of anchor groups and protective groups. The hydroxyl groups of the polymer carrier can be activated according to usual methods of solid phase synthesis.

(54) Title of the invention : "FAT COMBUSTION ACCELERATOR".

(51) International classification	:A61K31/352; A23F3/14	(71)Name of Applicant :
(31) Priority Document No	:2004-194696	1)SUNTORY LIMITED,
(32) Priority Date	:30/06/2004	Address of Applicant :1-40,DOJIMAHAMA 2-CHOME, KITA-
(33) Name of priority country	:Japan	KU,OSAKA-SHI, OSAKA 530-8203,JAPAN Japan
(86) International Application No	:PCT/JP2005/011904	(72)Name of Inventor :
Filing Date	:29/06/2005	1)TANAKA,HIROAKI
(87) International Publication No	:WO 2006/003909	2)KISO,YOSHINOBU
(61) Patent of Addition to Application Number	:NA	3)INO,TAEKO
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention provides a novel fat combustion accelerator which can promote lipid metabolism without changing the total consumption calories, characterized in that said fat combustion accelerator comprises proanthocyanidin as an active ingredient.



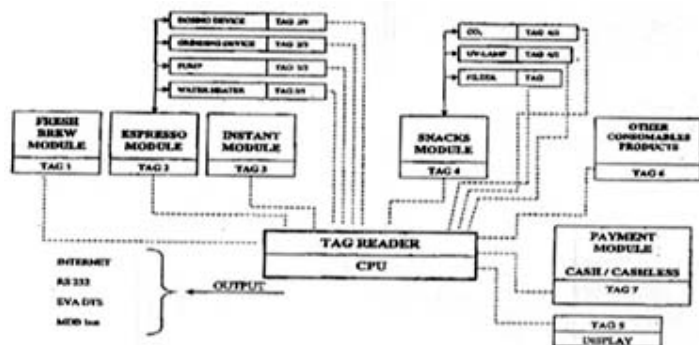
(54) Title of the invention : "APPARATUS AND METHOD FOR DISPENSING MACHINE CONTROL"

(51) International classification :G07F 9/02
 (31) Priority Document No :04425625.3
 (32) Priority Date :10/08/2004
 (33) Name of priority country :EUROPEAN UNION
 (86) International Application No :PCT/IB2005/002300
 Filing Date :03/08/2005
 (87) International Publication No :WO 2006/016241
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :
1)TUTTOESPRESSO S.P.A.
 Address of Applicant :VIA TRIESTE,49 I-21042 CARONNO
 PERTUSELLA ITALY Italy
 (72)Name of Inventor :
1)DOGLIONI MAJER,LUCA

(57) Abstract :

In order to control the status and the operation of a dispensing machine assembly comprising one or more modules or sub-assemblies, at least one of modules or sub-modules is provided with an electronic tag and the machine is provided with a tag controller device for interacting with said tag by reading, writing and transmitting information data on or through said tag and operating said dispensing machine according to the information gathered from said tag or Tags.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.3898/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :22/12/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : "STRIP RESISTANT ASPHALT PAVING COMPOSITION AND METHOD FOR MAKING SAME"

(51) International classification	:C08L95/00; C08L95/00	(71) Name of Applicant : 1)ICL PERFORMANCE PRODUCTS LP
(31) Priority Document No	:60/582,118	Address of Applicant :622 EMERSON ROAD ST.LOUIS
(32) Priority Date	:23/06/2004	MISSOURI-63141 U.S.A. U.S.A.
(33) Name of priority country	:U.S.A.	(72) Name of Inventor :
(86) International Application No	:PCT/US2005/021355	1)FALKIEWICZ,MICHAEL
Filing Date	:16/06/2005	
(87) International Publication No	:WO 2006/009793	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention is directed to a stripping-resistant asphalt paving composition that contains asphalt, aggregate, polyphosphoric acid, and an alkaline anti-stripping additive.

(54) Title of the invention : DRIVE UNIT

(51) International classification :G02B7/02;
H01L41/09
(31) Priority Document No :1066/04
(32) Priority Date :24/06/2004
(33) Name of priority country :Switzerland
(86) International Application No :PCT/CH2005/000343
Filing Date :21/06/2005
(87) International Publication No :WO 2006/000118
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)MINISWYS SA

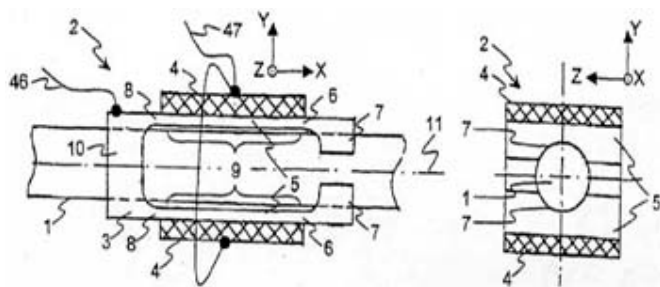
Address of Applicant :ZENTRALSTRASSE 115, CH-2503,BIEL,SWITZERLAND Switzerland

(72)Name of Inventor :

1)WITTEVEEN,BONNY**2)MOCK,ELMAR****3)DAAMEN,EDWIN****4)KAUFMANN,FLORIAN**

(57) Abstract :

The invention relates to a drive unit for the movement of an active element (2) with respect to a passive element (1), wherein the active element (2) comprises a resonator (3) and at least one excitation means (4) for exciting oscillations of the resonator (3), the resonator (3) comprises contact regions (7) for exerting forces onto the passive element (1), and the active element (2) may be driven with respect to the passive element (1) by way of oscillating movements. The resonator (3) comprises at least two arms, preferably a pair (5) of arms (6), and the at least two arms (6) of an arm pair (5), proceeding from a connection region of the resonator, are formed on the same side of the resonator. In each case the contact regions (7) are formed at the outer ends of the arms (6), wherein the contact regions (7) may be moved to and away from one another by way of oscillating movements of the arm pair (5). Thereby, a relative movement of the passive element (1) with respect to the active element (2) may be effected.

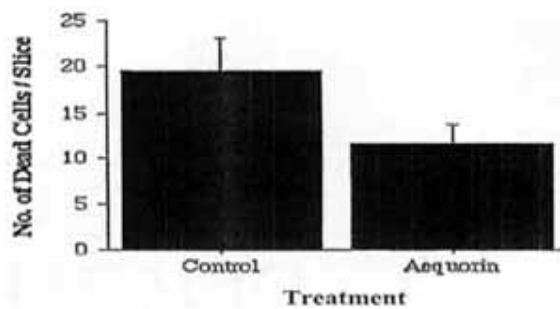


(54) Title of the invention : AEQUORIN-CONTAINING COMPOSITIONS AND METHODS USING SAME

(51) International classification	:A61K38/17; A61K38/17	(71)Name of Applicant :
(31) Priority Document No	:10/872,795	1)QUINCY BIOSCIENCE,LLC
(32) Priority Date	:21/06/2004	Address of Applicant :455 SCIENCE DRIVE,SUITE 120,MADISON WI 53711 U.S.A.
(33) Name of priority country	:U.S.A.	(72)Name of Inventor :
(86) International Application No	:PCT/US2005/021770	1)UNDERWOOD,MARK,Y
Filing Date	:21/06/2005	
(87) International Publication No	:WO 2006/010004	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Compositions containing aequorin and methods for their use in preventing and/or alleviating symptoms and disorders related to calcium imbalance are provided by the present invention.



(54) Title of the invention : USE AS SOLUBILITY PROMOTERS OF POLYMERS COMPRISING ETHER GROUPS

(51) International classification :A01N 25/30,A01N25/20 (31) Priority Document No :102004031158.7 (32) Priority Date :28/06/2004 (33) Name of priority country :Germany (86) International Application No :PCT/EP2005/053123 Filing Date :28/06/2005 (87) International Publication No :WO 2006/000592 (61) Patent of Addition to Application Number :NA Filing Date :NA (62) Divisional to to Application Number :NA Filing Date :NA	(71)Name of Applicant : 1)BASF AKTIENGESELLSCHAFT Address of Applicant :67056 LUDWIGSHAFEN GERMANY Germany (72)Name of Inventor : 1)PIEROBON MARIANNA 2)BOUILLO NATHALIE 3)KLUGLEIN MATTHIAS 4)LANGE RONALD FRANS MARIA 5)KOHLE HARALD 6)SCHERER MARIA 7)KRUGER CHRISTIAN 8)KOLTZENBURG SEBASTIAN 9)BRATZ MATTHIAS 10)OETTER GUNTER 11)ZUAZO IZASKUN MANTECA (Deceased)

(57) Abstract :

The present invention relates to the use as solubility promoters of polymers comprising ether groups, in particular in cosmetics, drugs, foodstuffs, food supplements and animal fodder, very particularly in the preparation of plant protection products, it being possible for the polymers to be obtained by copolymerization of (A) Optionally at least one ethylenically unsaturated mono- or dicarboxylic acid and/or at least one anhydride derived from a mono- or dicarboxylic acid, (B) at least one hydrophobic monomer exhibiting aromatic functional groups or aliphatic functional group or aromatic and aliphatic functional groups, (C) at least one allyl alcohol alkoxylate, (D) if appropriate, additional monoethylenically unsaturated monomers .

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3902/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :22/12/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : USE OF ALKYLOXYALCANIC ACID AMIDES, IN PARTICULAR IN THE FORM OF AROMATIC SUBSTANCES AND NOVEL ALKYLOXYALCANIC ACID AMIDE

(51) International classification	:C07C 235/06	(71) Name of Applicant :
(31) Priority Document No	:102004032878.1	1)SYMRISE GMBH & CO.KG
(32) Priority Date	:07/07/2004	Address of Applicant :MUHLENFELDSTR,1,37603 HOLZMINDEN
(33) Name of priority country	:Germany	Germany
(86) International Application No	:PCT/EP2005/053228	(72) Name of Inventor :
Filing Date	:06/07/2005	1)LEY JAKOB
(87) International Publication No	:WO 2006/003210	2)KINDEL GUNTER
(61) Patent of Addition to Application Number	:NA	3)LOGES HUBERT
Filing Date	:NA	4)MACHINEK ARNOLD
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The use of specific alkoxyalkanoic acid amides as (i) a flavouring and/or (ii) to produce a sensation of tingling and/or (iii) to produce a sensation of pungency and/or (iv) to stimulate the flow of saliva in the mouth and/or (v) to intensify the taste of ethanol and/or (vi) to imitate the taste of ethanol is described.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3903/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :26/12/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : METHODS AND COMPOSITIONS FOR THE INHIBITION OF GENE EXPRESSION

(51) International classification	:C07H 21/02,A61K48/00
(31) Priority Document No	:10/858,013
(32) Priority Date	:01/06/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2005/018993
Filing Date	:01/06/2005
(87) International Publication No	:WO 2005/118824
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)PRONAI THERAPEUTICS,INC
Address of Applicant :4717 CAMPUS DRIVE
SUITE1100,KALAMAZOO,MI49008-5605 U.S.A.

(72)**Name of Inventor :**
1)SAHEIKHNEHJAD,GHOLAMREZA
2)SOOCH,MINA PATEL
3)GOODWIN,NEAL
4)OLSON,DAVID

(57) Abstract :

The present invention relates to methods and compositions for the inhibition of gene expression. In particular, the present invention provides oligonucleotide-based therapeutics for the inhibition of oncogenes involved in cancers.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3904/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :26/12/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : COMBINATION DRUG THERAPY FOR REDUCING SCAR TISSUE FORMATION

(51) International classification :A61K31/4745,A61F2/00
(31) Priority Document No :10/887,272
(32) Priority Date :08/07/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/024076
Filing Date :07/07/2005
(87) International Publication No :WO 2006/014534
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)AFMEDICA,INC
Address of Applicant :P.O.BOX 2840,101 W.NORTH BEND WAY
SUITE 201,NORTH BEND,WASHINGTON 98045 U.S.A.
(72)**Name of Inventor :**
1)SHEBUSKI,RONALD,J
2)LUDERE,JACK,R
3)FISCHELL,TIM A

(57) Abstract :

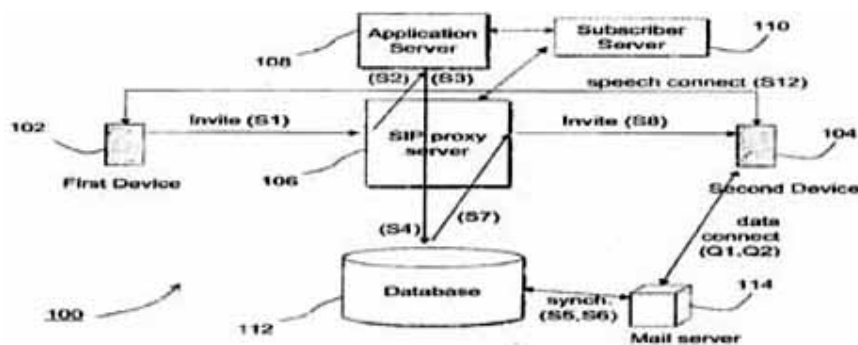
The present invention describes various devices and methods wherein a cytostatic antiproliferative drug, either alone or in combination with other drugs, is placed between internal body tissues to prevent the formation of scar tissue and/or adhesions during healing of a wound or surgical site. Specific devices to achieve this administration include, but are not limited to, a permanent implant or a biodegradable material having an attached antiproliferative drug such as sirolimus. These antiproliferative drugs may be combined with other drugs including, but not limited to, antiplatelets, antithrombotics or anticoagulants. The present invention also contemplates methods to a reduce scar tissue and/or adhesions or adhesion formation at an anastomosis site. In particular, a cytostatic antiproliferative drug is administered to an arteriovenous shunt anastomoses in patients having end-stage renal disease.

(54) Title of the invention : COMMUNICATIONS METHOD AND APPARATUS, DATABASE INFORMATION RETRIEVAL METHOD AND APPARATUS

(51) International classification	:H04L29/06; H04L29/06	(71)Name of Applicant :
(31) Priority Document No	:NA	1)TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)
(32) Priority Date	:NA	Address of Applicant :SE-16483 STOCKHOLM Sweden
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:PCT/EP2004/050960	1)EKBERG,CARL,CHRISTIAN
Filing Date	:28/05/2004	
(87) International Publication No	:WO 2005/120003	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method is provided of establishing (S12) a communications session between first and second devices (102, 104) associated with first and second parties respectively. A session request message (Invite) is sent (S1) that indicates a request to establish the session and that comprises session information relating to the session. In response to the session request message (Invite), further information is retrieved and included in the session request message (S2 to S8). The session is established (S12) based on information in the resulting session request message (Invite). The session may be established between the first and second devices (102, 104) using the Session Initiation Protocol (SIP). The further information comprises summary information from which complete information can subsequently be determined by the second device (104) after the session has been established. The complete information is stored in a mail server (114) and the summary information derived from the complete information is stored in a database (112). The summary information in the database (112) is synchronised (S5, S6) with the complete information in the mail server (114). Summary information is retrieved (S4, S6) from the database (112) for inclusion (S8) in the further information so as to enable the second device (104) subsequently to retrieve (Q1, Q2) complete information from the mail server (114) relating to that summary information.

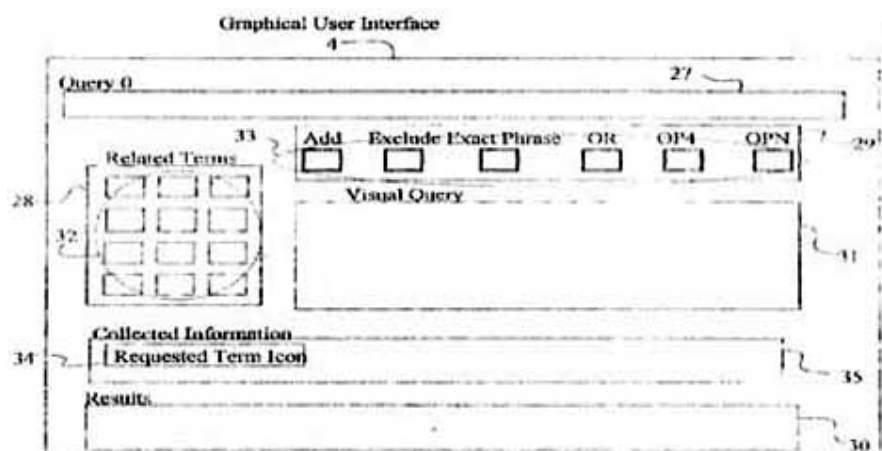


(54) Title of the invention : SYSTEM AND METHOD FOR FACILITATING SEARCH OVER A DATA NETWORK.

(51) International classification	:G06F 17/30,G06F17/00	(71)Name of Applicant : 1)LAVI,AMIR
(31) Priority Document No	:60/582,080	Address of Applicant :85/11 PINCHAS ST.,52275 RAMAT GAN
(32) Priority Date	:24/06/2004	(IL) Israel
(33) Name of priority country	:U.S.A.	(72)Name of Inventor :
(86) International Application No	:PCT/IL2005/000671	1)LAVI,AMIR
Filing Date	:23/06/2005	
(87) International Publication No	:WO 2006/001008	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

This invention provides the data network user with an interactive search engine environment that helps him focus on the object of his search. Through a powerful graphical user interface (GUI), the user is provided with terms closely related to what he is looking for, even when he has no prior knowledge of the subject or its terminology. The user is also provided with suggested terms that should be excluded from the search because of the high probability of interfering with the search. The contribution of each term to the search progress is explained to the user. The invention then enables the user to build complex queries combining the related terms in a visual and simple way that facilitates the search process and saves time. This invention allows the user to create a detailed, precise, and longer search query than is customarily executed today.

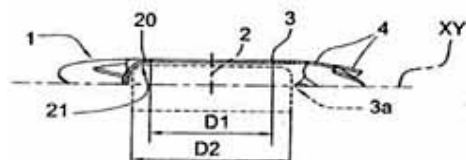


(54) Title of the invention : AXIAL IMPELLER WITH ENHANCED FLOW

(51) International classification	:F04D29/38; F04D29/32	(71)Name of Applicant :
(31) Priority Document No	:BO2004A000468	1)SPAL AUTOMOTIVE S.R.L.
(32) Priority Date	:23/07/2004	Address of Applicant :VIA PER CARPI,26/B I-42015 CORREGGIO
(33) Name of priority country	:Italy	(REGGIO EMILIA) Italy
(86) International Application No	:PCT/IB2005/002168	(72)Name of Inventor :
Filing Date	:18/07/2005	1)SPAGGIARI ,ALESSANDRO
(87) International Publication No	:WO 2006/011036	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An axial impeller (1), with enhanced flow, rotating in a plane (XY) about an axis (2) comprises a central hub (3), whose diameter is smaller than the diameter of the drive motor (3a), a plurality of blades (4) having a base (5) and a tip (6), the blades (4) being delimited by a convex leading edge (7) and by a convex trailing edge (8), whose projections onto the plane of rotation of the impeller are each defined by circular arc segments; the blades (4) are composed of sections having aerodynamic profiles (18) each having a decreasing length and an increasingly curved shape starting at the edge towards the hub; towards the hub each blade (4) has a box-shaped portion (20) that forms a wide seat (21) providing housing for an drive motor (3a) having a diameter that corresponds substantially to the seat (21).

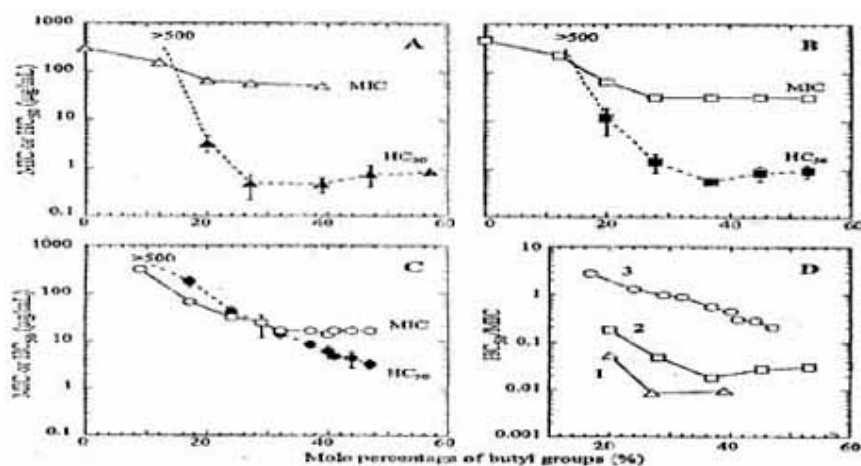


(54) Title of the invention : ANTIMICROBIAL COPOLYMERS AND USES THEREOF

(51) International classification	:A61K31/765; C08F226/	(71)Name of Applicant :
(31) Priority Document No	:60/590,434	1)THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA
(32) Priority Date	:23/07/2004	Address of Applicant :CENTER FOR TECHNOLOGY TRANSFER
(33) Name of priority country	:U.S.A.	3160 CHESTNUT STREET SUITE 200 PHILADELPHIA PA 19104
(86) International Application No	:PCT/US2005/026188	U.S.A.
Filing Date	:22/07/2005	(72)Name of Inventor :
(87) International Publication No	:WO 2006/132647	1)KURODA,KENICHI
(61) Patent of Addition to Application Number	:NA	2)DEGRADO,WILLIAM,F.
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention discloses random copolymers and methods of their use, including use of the copolymers as antimicrobial agents in pharmaceutical and non-pharmaceutical applications. The present invention also discloses compositions of the copolymers, and methods of preparing the copolymers.



(54) Title of the invention : A HIGH EFFICIENCY AXIAL FAN

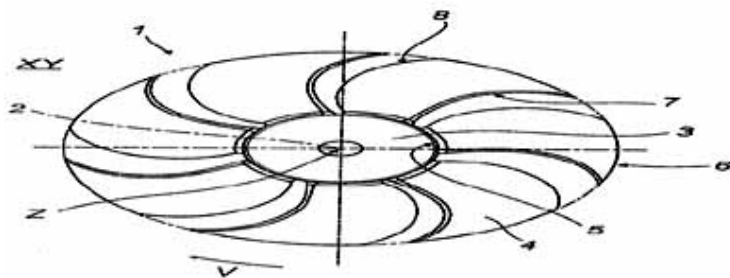
(51) International classification	:F04D29/38
(31) Priority Document No	:BO2004A000507
(32) Priority Date	:05/08/2004
(33) Name of priority country	:Italy
(86) International Application No	:PCT/IB2005/002266
Filing Date	:25/07/2005
(87) International Publication No	:WO 2006/016229
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)SPAL AUTOMOTIVE S.r.L.
 Address of Applicant :VIA PER CARPI,26/B I-42015 CORREGGIO
 (REGGIO EMILIA) Italy

(72)**Name of Inventor :**
1)SPAGGIARI,ALESSANDRO

(57) Abstract :

An axial fan (1) rotating in a plane (XY) about an axis (2) comprises a central hub (3), a plurality of blades (4), which have a root (5) and a tip (6), the blades (4) being delimited by a concave leading edge (7), whose projection in the fan plane of rotation (XY) is defined by two circular arc segments, and a convex trailing edge (8), whose projection in the fan plane of rotation (XY) is defined by one circular arc segment; the blades (4) are made from sections with aerodynamic profiles relatively extending in the direction of their centre line, providing good flow rate and air pressure relative to the overall dimensions of the fan.

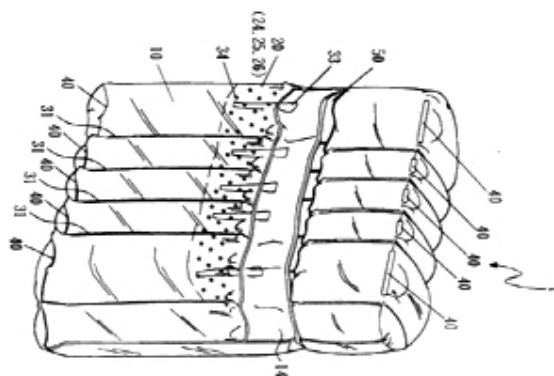


(54) Title of the invention : CHECK VALVES OF MULTIPLE-LAYER FILMS

(51) International classification	:F16K15/10	(71)Name of Applicant :	
(31) Priority Document No	:094216060	1)LEADPAK INDUSTRIAL CO.,LTD.	
(32) Priority Date	:19/09/2005	Address of Applicant :2F, NO.1 LANE 86, XIN MING ROAD NEI	
(33) Name of priority country	:Chinese	HU DISTRICT, TAIPEI TAIWAN Taiwan	
	Taipei	2)LAI, HUNG-PIN	
(86) International Application No	:NA	(72)Name of Inventor :	
Filing Date	:NA	1)CHEN, TAI-HUA	
(87) International Publication No	: NA		
(61) Patent of Addition to Application Number	:NA		
Filing Date	:NA		
(62) Divisional to to Application Number	:NA		
Filing Date	:NA		

(57) Abstract :

The check valves of multiple-layer films are applicable in an inflatable gas bag, said inflatable gas bag comprises a upper film, a lower film, and check valves of multiple-layer films having a plurality of check valves being enclosed between upper film and lower film. The check valves of multiple-layer films are made by binding a first valve film, a second valve film and a third valve film using hot press. And multiple anti-welding masks are printed between first valve film and second valve film, also between second valve film and third valve film. There are two sets of passages, one between first valve film and second valve film, and another between second valve film and third valve film. The multiple sets of gas passages speed up the inflation process of the inflatable gas bag. Further, thinner valve film is used to enhance the airtight effect and to reduce the problem of gas leakage after inflation.



(54) Title of the invention : METHOD FOR DEPOSITING ANTICORROSIVE COATING ONTO METAL SURFACE

(51) International classification :C09D
5/08,B05D5/00;
(31) Priority Document No :60/578,853
(32) Priority Date :14/06/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IL2005/000623
Filing Date :14/06/2005
(87) International Publication No :WO 2005/120722
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to to Application Number :NA
Filing Date :NA

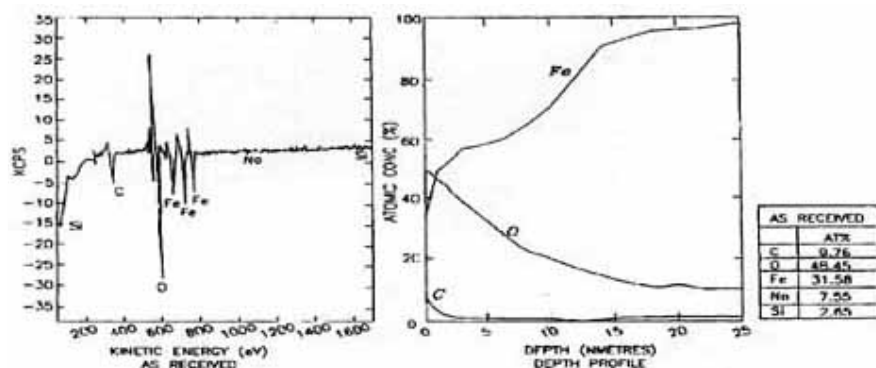
(71)Name of Applicant :
1)PIGMENTAN ANTICORROSIVE PIGMENTS FOR PAINTS LTD.

Address of Applicant :12 ZVI STREET 52504 RAMAT GAN
ISRAEL Israel

(72)Name of Inventor :
1)PIPKO,GREGORY
2)VINTER,ASHER

(57) Abstract :

The invention provides a method for depositing a stable anti-corrosive metal oxide and/or metal hydroxide layer onto a metal surface. The invention further provides a stable anti-corrosive coating layer on a metal object, which layer comprises metal oxide and/or metal hydroxide.

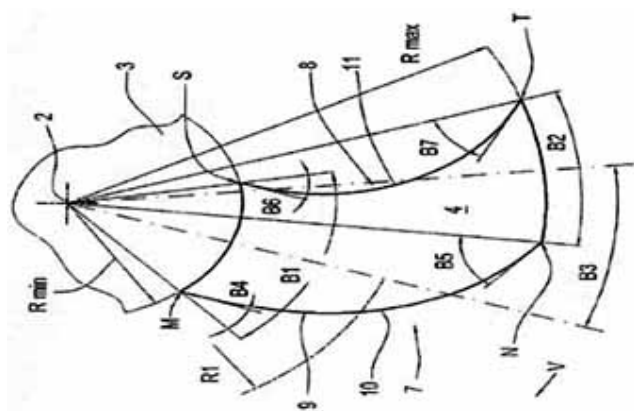


(54) Title of the invention : AXIAL FAN

(51) International classification	:F04D29/38; F04D29/38	(71)Name of Applicant :
(31) Priority Document No	:BO2004A000417	1)SPAL AUTOMOTIVE S.r.L
(32) Priority Date	:06/07/2004	Address of Applicant :VIA PER CARPI ,26/B I-42015 CORREGGIO
(33) Name of priority country	:Italy	(REGGIO EMILIA) Italy
(86) International Application No	:PCT/IB2005/001898	(72)Name of Inventor :
Filing Date	:05/07/2005	1)SPAGGIARI,ALESSANDRO
(87) International Publication No	:WO 2006/006043	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An axial fan (1) rotating in a plane (XY) about an axis (2) comprises a central hub (3), a plurality of blades (4), which have a root (5) and a tip (6), the blades (4) being delimited by a convex leading edge (7) and by a concave trailing edge (8), their projections in the fan rotation plane each being formed by circular arc segments; the blades (4) are made from sections with aerodynamic profiles, each with decreasing length and more curved from the perimeter to the hub.



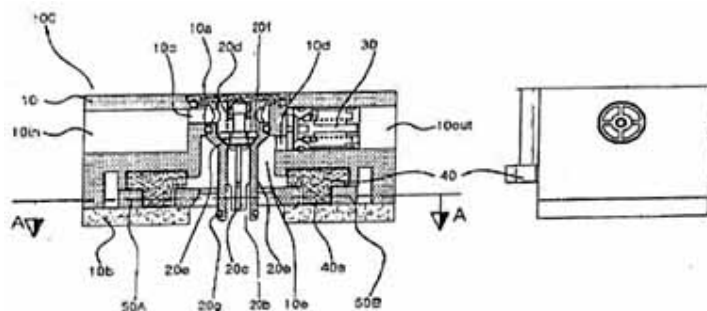
(54) Title of the invention : ONE-TOUCH FITTING TYPE SINGLE OR MULTIPLE ADAPTER, FILTER ASSEMBLY DETACHABLY ENGAGED WITH THE SAME AND WATER PURIFYING SYSTEM EMPLOYING THESE ELEMENTS

(51) International classification :B01D 35/00
 (31) Priority Document No :10-2004-0051866
 (32) Priority Date :05/07/2004
 (33) Name of priority country :Republic of Korea
 (86) International Application No :PCT/KR2005/001677
 Filing Date :03/06/2005
 (87) International Publication No :WO 2006/004323
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :
1)PICOGRAM CO.,LTD
 Address of Applicant :301-401,BUCHEON TECHNO PARK 2-CHA,365-1,SAMJEONG-DONG, OJEONG-GU,BUCHEON-SI,421-809, Republic of Korea
 (72)Name of Inventor :
1)CHOI,SUK RIM
2)BANG,SEOK BONG

(57) Abstract :

A one-touch fitting type adapter and a filter assembly are provided in which the filter assembly used for machinery, such as a bidet or a refrigerator, is easily assembled with or dis-assembled from the adapter through a one-touch fitting manner such that the filter assembly is easily adapted for the machinery. A multiple adapter capable of coupling a plurality of adapters in series is provided such that a plurality of filter assemblies used for a water purifier, a water ionizer or a functional water maker are detachably engaged with the multiple adapter through a one-touch fitting manner.



(54) Title of the invention : ELECTRODE ACTIVE MATERIAL FOR LITHIUM SECONDARY BATTERY

(51) International classification :H01M 4/58
 (31) Priority Document No :10-2004-0055562
 (32) Priority Date :16/07/2004
 (33) Name of priority country :Republic of Korea
 (86) International Application No :PCT/KR2005/002123
 Filing Date :05/07/2005
 (87) International Publication No :WO 2006/009355
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

1)LG CHEM,LTD.

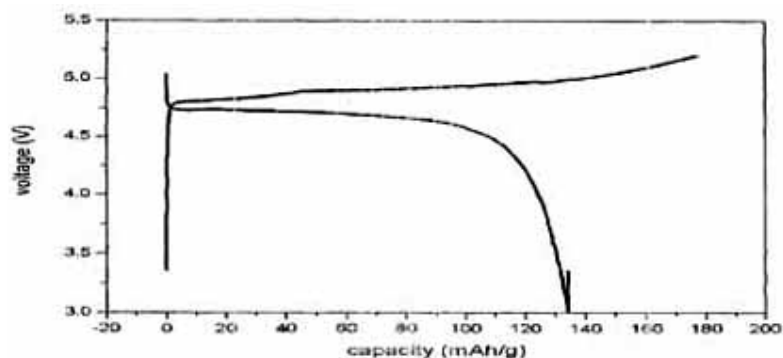
Address of Applicant :20,YOIDO-DONG,YOUNGDUNGPO-GU, SEOUL 150-721, Republic of Korea

(72)Name of Inventor :

1)CHANG SUNG-KYUN**2)CHO JEONG -JU**

(57) Abstract :

Disclosed is a compound represented by the following formula 1. A lithium secondary battery using the same compound as electrode active material, preferably as cathode active material, is also disclosed [Formula 1] LiMP1-xAxO4 wherein M is a transition metal, A is an element having an oxidation number of +4 or less and $0 < x$



(12) PATENT APPLICATION PUBLICATION

(21) Application No.3914/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :26/12/2006

(43) Publication Date : 22/06/2007

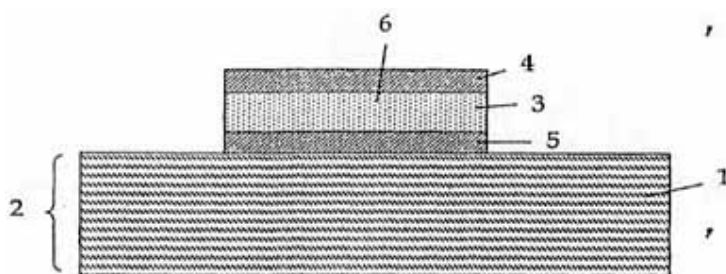
(54) Title of the invention : VALUABLE DOCUMENT

(51) International classification :C09K 11/78
(31) Priority Document No :102004034189.3
(32) Priority Date :14/07/2004
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2005/007311
Filing Date :06/07/2005
(87) International Publication No :WO 2006/005498
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)GIESECKE &DEVRIENT GMBH
Address of Applicant :PRINZREGENTENSTRASSE
159,81677,MUNCHEN, Germany
(72)Name of Inventor :
1)SCHWENK,GERHARD
2)GRAUVOGL,GREGOR
3)MAGG,ULRICH
4)SCHOLZ,ULRICH

(57) Abstract :

The invention relates to a printed value document having at least one luminescent substance.



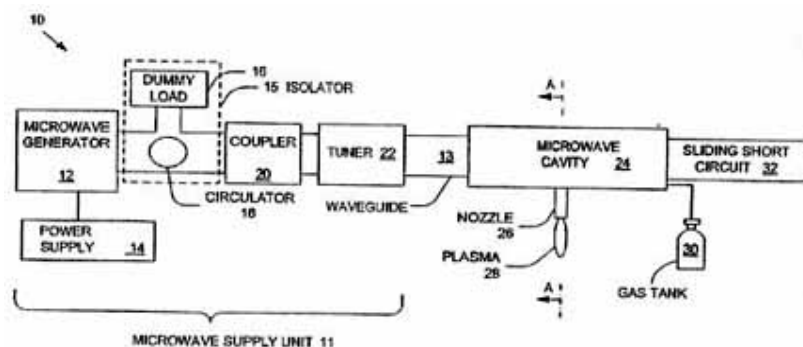
(54) Title of the invention : MICROWAVE PLASMA NOZZLE WITH ENHANCED PLUME STABILITY AND HEATING EFFICIENCY

(51) International classification :H05H1/46
 (31) Priority Document No :10/885,237
 (32) Priority Date :07/07/2004
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2005/023886
 Filing Date :07/07/2005
 (87) International Publication No :WO 2006/014455
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :
1)AMARANTE TECHNOLOGIES,INC.
 Address of Applicant :3550,SCOTT BLVD.,BUILDING 16,SANTA CLARA,CALIFORNIA 95054, U.S.A.
2)NORITSU KOKI CO.,LTD
 (72)Name of Inventor :
1)LEE,SANG HUN
2)KIM,JAY JOONGSOO

(57) Abstract :

Systems and methods for generating microwave plasma are disclosed. The present invention provides a microwave plasma nozzle (26) that includes a gas flow tube (40), and a rod-shaped conductor (34) that is disposed in the gas flow tube (40) and has a tip (33) near the outlet of the gas flow tube (40). A portion (35) of the rod-shaped conductor (34) extends into a microwave cavity (24) to receive microwaves passing in the cavity (24). These received microwaves are focused at the tip (33) to heat the gas into plasma. The microwave plasma nozzle (26) also includes a vortex guide (36) between the rod-shaped conductor (34) and the gas flow tube (40) imparting a helical shaped flow direction to the gas flowing through the tube (40). The microwave plasma nozzle (26) further includes a shielding mechanism (108) for reducing a microwave power loss through the gas flow tube (40).



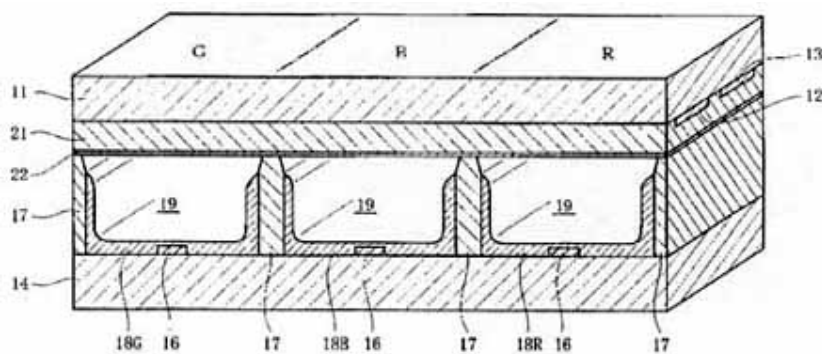
(54) Title of the invention : MgO DEPOSITION MATERIAL

(51) International classification :H01J 11/02
 (31) Priority Document No :2004-206623
 (32) Priority Date :14/07/2004
 (33) Name of priority country :Japan
 (86) International Application No :PCT/JP2005/012925
 Filing Date :13/07/2005
 (87) International Publication No :WO 2006/006627
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :
1)MITSUBISHI MATERIALS CORPORATION
 Address of Applicant :5-1,OTEMACHI 1-CHOME,CHIYODA-KU,
 TOKYO, Japan
 (72)Name of Inventor :
1)SAKURAL,HIDEAKI
2)MAYUZUMI,YOSHITAKA
3)HIRATA HIROKI

(57) Abstract :

A MgO vapour deposition material, which is used to form a protective film of a plasma display panel, comprises pellets having MgO purity of 98% or more and relative density of 90% or more. The pellets contain one, or two or more kinds of elements selected from the group consisting of Y, La, Ce, Pr, Nd, Pm, and Sm. The concentration of Y is from 5 to 10,000 ppm in the case of containing Y, the concentration of La is from 5 to 15,000 ppm in the case of containing La, the concentration of Ce is from 5 to 16,000 ppm in the case of containing Ce, the concentration of Pr is from 5 to 16,000 ppm in the case of containing Pr, the concentration of Nd is from 5 to 16,000 ppm in the case of containing Nd, the concentration of Pm is from 5 to 16,000 ppm in the case of containing Pm, and the concentration of Sm is from 5 to 16,000 ppm in the case of containing Sm.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.3917/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :26/12/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : INHIBITION OF HIV-1 REPLICATION BY DISRUPTION OF THE PROCESSING OF THE VIRAL CAPSID-SPACER PEPTIDE 1 PROTEIN

(51) International classification	:A61M37/00; A61M37/00	(71)Name of Applicant : 1)PANACOS PHARMACEUTICALS ,INC. Address of Applicant :209 PERRY PARKWAY,GAITHERSBURG, MARYLAND 20877, U.S.A.
(31) Priority Document No	:10/851,637	2)THE GOVERNMENT OF THE U.S.A AS REPRESENTED BY
(32) Priority Date	:24/05/2004	THE SECRETARY, DEPARTMENT OF HEALTH AND HUMAN
(33) Name of priority country	:U.S.A.	SERVICES
(86) International Application No	:PCT/US2005/018331	(72)Name of Inventor : 1)SALZWEDEL KARL
Filing Date	:24/05/2005	2)LI FENG
(87) International Publication No	:WO 2005/113059	3)WILD CARL T
(61) Patent of Addition to Application Number	:NA	4)ALLAWAY GRAHAM P
Filing Date	:NA	5)FREED ERIC O
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Inhibition of HIV-1 replication by disrupting the processing of the viral Gag capsid (CA) protein (p24) from the CA-spacer peptide 1 (SP1) protein precursor (p25) is disclosed. Amino acid sequences containing a mutation in the Gag p25 protein, with the mutation resulting in a decrease in the inhibition of processing of p25 to p24 by dimethylsuccinyl betulinic acid or dimethylsuccinyl betulin, polynucleotides encoding such mutated sequences and antibodies that selectively bind such mutated sequences are also included. Methods of inhibiting, inhibitory compounds and methods of discovering inhibitory compounds that target proteolytic processing of the HIV Gag protein are included. In one embodiment, such compounds inhibit the interaction of the HIV protease enzyme with Gag by binding to Gag rather than to the protease enzyme. In another embodiment, viruses or recombinant proteins that contain mutations in the region of the Gag proteolytic cleavage site can be used in screening assays to identify compounds that target proteolytic processing.

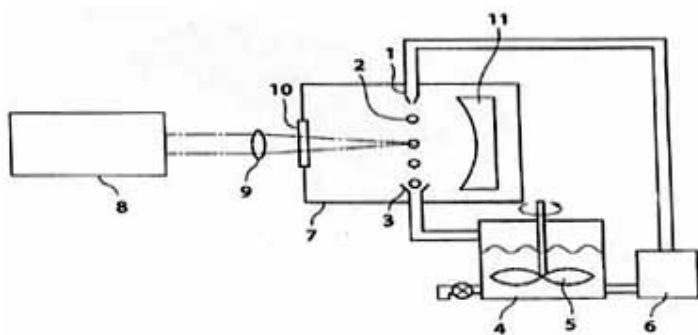
(54) Title of the invention : EUV LIGHT SOURCE, EUV EXPOSURE SYSTEM, AND PRODUCTION METHOD FOR SEMICONDUCTOR DEVICE

(51) International classification :H01L21/027;
G03F7/20
(31) Priority Document No :2004-186132
(32) Priority Date :24/06/2004
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2005/012007
Filing Date :22/06/2005
(87) International Publication No :WO 2006/006408
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)NIKON CORPORATION
Address of Applicant :2-3,MARUNOUCHI 3-CHOME CHIYODA-KU TOKYO 100-8331 Japan
(72)Name of Inventor :
1)SHIRAISHI,MASAYUKI

(57) Abstract :

An Sn-Ga-based alloy having a composition in which the atomic number% of Sn is up to 15% is stored in a heated tank (4). An Sn alloy pressurized by a pressure pump is led to a nozzle (1) and a liquid Sn alloy is jetted from the tip end of the nozzle (1) provided in a vacuum chamber (7). The liquid Sn alloy jetted from the nozzle (1) is formed into a spherical shape due to surface tension to serve as a target (2). A laser beam generated from a Nd:YAG laser light source (8) disposed outside the vacuum chamber (7) is condensed at a lens (9) and led into the vacuum chamber (7). The target (2) irradiated with laser is turned into plasma and radiates a light containing an EUV ray.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.3919/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :27/12/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : IRON SULFATE-BASED PHOSPHATE ADSORBENT

(51) International classification	:C09C 1/24
(31) Priority Document No	:102004031181.1
(32) Priority Date	:28/06/2004
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2005/052861
Filing Date	:21/06/2005
(87) International Publication No	:WO 2006/000547
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)VIFOR (INTERNATIONAL)AG
Address of Applicant :RECHENSTRASSE 37 9001 ST.GALLEN
Switzerland
(72)**Name of Inventor :**
1)DR.HANS-MARTIN MULLER
2)DR.ERIK PHILIPP
3)DR.PETER GEISSER

(57) Abstract :

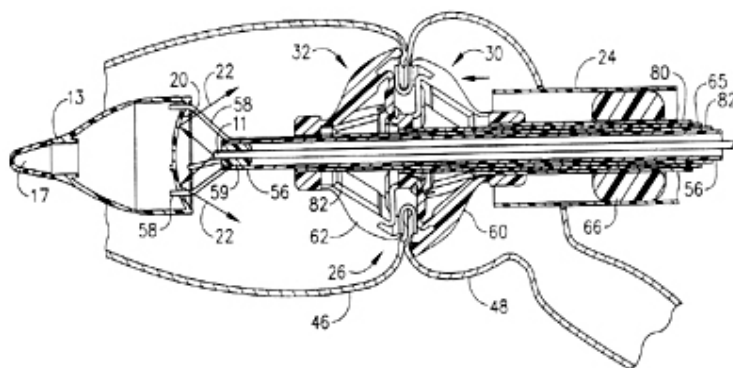
The present invention relates to a process for the preparation of a novel composition, and to the use of the composition as a phosphate adsorbent, in particular for administration in humans or animals.

(54) Title of the invention : ANASTOMOTIC RING APPLIER DEVICE PROVIDING FORWARD AND RETROGRADE VISUALIZATION

(51) International classification	:A61B17/08	(71)Name of Applicant :
(31) Priority Document No	:11/121346	1)ETHICON ENDO -SURGERY, INC.
(32) Priority Date	:03/05/2005	Address of Applicant :4545 CREEK ROAD, CINCINNATI,
(33) Name of priority country	:U.S.A.	OH,45242 OHIO CORPORATION U.S.A.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)MARK S. ORTIZ
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A surgical instrument for deploying an anastomotic ring device comprises a ring deployment mechanism, which is configured to receive and deploy an anastomotic ring. The instrument further comprises an imaging element that is operable to capture an image of the anastomosis site. In one version, the instrument is operable to capture both a forward view and a retrograde view of the anastomosis site.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.3920/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :27/12/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : BORON-CONTAINING COMPOUNDS AND METHODS OF USE

(51) International classification	:A61K 31/69
(31) Priority Document No	:60/579,421
(32) Priority Date	:14/06/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2005/021165
Filing Date	:14/06/2005
(87) International Publication No	:WO 2005/123094
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)ANACOR PHARMACEUTICALS,INC
Address of Applicant :1060 EAST MEADOW CIRCLE, PALO ALTO,CALIFORNIA 94303-4230, U.S.A.
(72)**Name of Inventor :**
1)DAVID PERRY
2)KIRK R.MAPLES
3)CAROLYN BELLINGER-KAWAHARA

(57) Abstract :

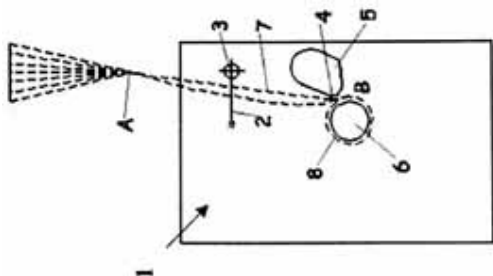
Methods of treating and/or preventing surface infections, such as acne, in an animal, such as a human being, using antibiotics incorporating borinic acid complexes, especially picolinic acid derivatives, are disclosed, along with compositions of these antibiotics.

(54) Title of the invention : KEEPER FOR KEEPING A STRAND WITHIN A WINDER

(51) International classification	:B65H57/28; B65H57/00	(71)Name of Applicant :
(31) Priority Document No	:0407599	1)SAINT -GOBAIN VETROTEX FRANCE S.A.
(32) Priority Date	:08/07/2004	Address of Applicant :130,AVENUE DES FOLLAZ,F-73000
(33) Name of priority country	:France	CHAMBERY, France
(86) International Application No	:PCT/FR2005/050518	(72)Name of Inventor :
Filing Date	:29/06/2005	1)NAULET,CHRISTOPHE
(87) International Publication No	:WO 2006/005883	2)COGNIAUX,JEAN MICHAEL
(61) Patent of Addition to Application Number	:NA	3)FRAYER,PASCAL:
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention concerns a spooler (1) comprising essentially a frame, said frame including at least one spindle (6) adapted to support at least one spool (8), said spindle (6) being mobile in rotation about a first axis substantially perpendicular to the diameter of the spool so as to draw and wind at least one yarn (7) in the shape of a spool (8), and at least one positioning and guiding device (5) adapted to position and guide at least said yarn (7) on the spindle (6) in rotation. The invention is characterized in that it further comprises a maintaining device (2) adapted to maintain said yarn (7) in contact with said positioning and guiding device (5).

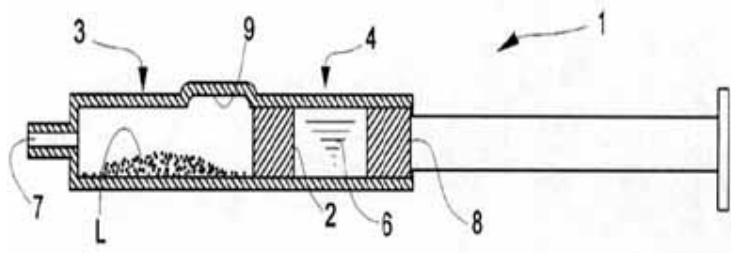


(54) Title of the invention : TRANSPARENT TISSUE-VISUALIZING PREPARATION

(51) International classification	:A61K31/718; A61K31/7	(71)Name of Applicant :
(31) Priority Document No	:2004-161147	1)SENJU PHARMACEUTICAL CO.,
(32) Priority Date	:31/05/2004	Address of Applicant :5-8, HIRANOMACHI 2-CHOME,CHUO-KU,
(33) Name of priority country	:Japan	OSAKA-SHI,OSAKA 541-0046, Japan
(86) International Application No	:PCT/JP2005/009846	(72)Name of Inventor :
Filing Date	:30/05/2005	1)MATSUHISA,KEIICHI
(87) International Publication No	:WO 2005/115411	2)INOUE,YUTAKA
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Described is a highly safe means to improve visibility of transparent tissues of the eye, i.e., the vitreous body, the lens or the cornea, in a surgical operation on them. The means comprises fine particles of a macromolecular compound, in particular, those one gram of which cannot be dissolved in less than 30 mL of water within 30 minutes at 20 °C, and whose average particle size is 0.01-500 μm , and which, among others, is a biodegradable macromolecular compound and/or a water soluble macromolecular compound.

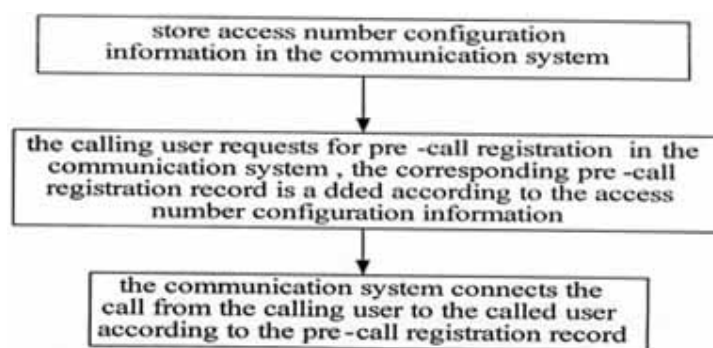


(54) Title of the invention : METHOD FOR PROCESSING TELEPHONE CALL

(51) International classification	:H04M3/42; H04M3/42	(71)Name of Applicant :
(31) Priority Document No	:200510034529.6	1)HUAWEI TECHNOLOGIES CO.,LTD.
(32) Priority Date	:30/04/2005	Address of Applicant :HUAWEI ADMINISTRATION
(33) Name of priority country	:China	BUILDING,BANTIAN,LONGGANG
(86) International Application No	:PCT/CN2006/000861	DISTRICT,SHENZHEN,GUANGDONG PROVINCE 518129,P.R.
Filing Date	:29/04/2006	China
(87) International Publication No	:WO 2006/116932	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)WANG,ZHENGWEI
Filing Date	:NA	2)SUN,QIAN
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method for processing telephone call includes: access number configuration information corresponding to a called number is stored in an access number configuration equipment in a communication system; the calling party requests for the pre-call registration in the communication system, the communication system adds a corresponding pre-call registration record into a pre-call registration list according to the access number configuration information; the calling party initiates the call to the called party, after the communication system receives the call request of the calling party and before calling the called party, the communication system determines whether the calling party has been registered in the pre-call registration list, if the calling party has been registered, connects the call request and initiates the call to the called party; otherwise, refuses to initiate the call to the called party. In the method for processing telephone call according to the present invention, it is ensured that a called party would not miss important incoming calls when he does not want to be disturbed. A calling party can request for the pre-call registration by means of short message or Internet so as to call the called party.



(19) INDIA

(22) Date of filing of Application :27/12/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : INTEGRATED NUCLEIC ACID ANALYSIS.

(51) International classification	:C12Q 1/68	(71) Name of Applicant :
(31) Priority Document No	:20045248	1)WALLAC OY
(32) Priority Date	:29/06/2004	Address of Applicant :MUSTIONKATU 6, FI-20750 TURKU,
(33) Name of priority country	:Finland	Finland
(86) International Application No	:PCT/FI2005/050245	(72) Name of Inventor :
Filing Date	:28/06/2005	1)OLLIKKA, PIA
(87) International Publication No	:WO 2006/000648	2)YLIKOSKI, ALICE
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to an integrated method of nucleic acid analysis, and more particularly to a simplified sample pre-treatment, which renders the method more easily automated, where the sample is provided on or applied onto a solid matrix and the subsequent amplification and detection steps are performed in one single, sealed reaction vial without removing the matrix.

(54) Title of the invention : METHOD AND DEVICE FOR PERFORMING INTEGRATED CACHING IN A DATA COMMUNICATION NETWORK.

(51) International classification :G06F15/16;
G06F15/16
(31) Priority Document No :60/583,784
(32) Priority Date :30/06/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/023914
Filing Date :30/06/2005
(87) International Publication No :WO 2006/005078
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)CITRIX APPLICATION NETWORKING, LLC.

Address of Applicant :180 BAYTECH DRIVE, SAN JOSE, CALIFORNIA 95134, U.S.A.

(72)Name of Inventor :

1)KHEMANI PRAKASH

2)SUNDARRAJAN PRABAKAR

3)KUMAR LAKSHMI

4)KAILASH KAILASH

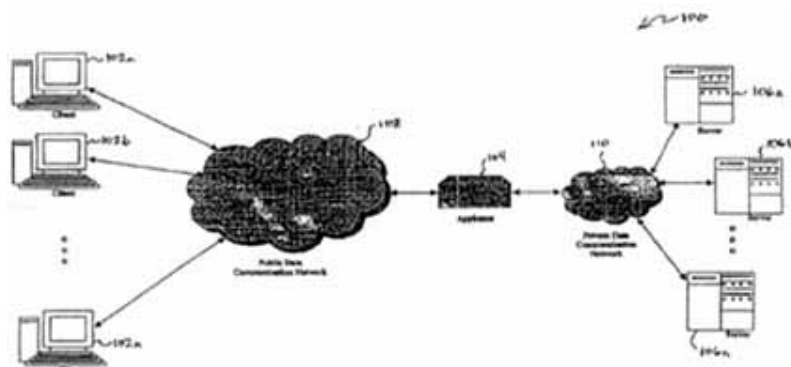
5)SONI AJAY

6)SINHA RAJIV

7)ANNAMALAISAMI SARAVANAKUMAR

(57) Abstract :

A device that implements a method for performing integrated caching in a data communication network. The device is configured to receive a packet from a client over the data communication network, wherein the packet includes a request for an object. At the operating system/kernel level of the device, one or more of decryption processing of the packet, authentication and/or authorization of the client, and decompression of the request occurs prior to and integrated with caching operations. The caching operations include determining if the object resides within a cache, serving the request from the cache in response to a determination that the object is stored within the cache, and sending the request to a server in response to a determination that the object is not stored within the cache.



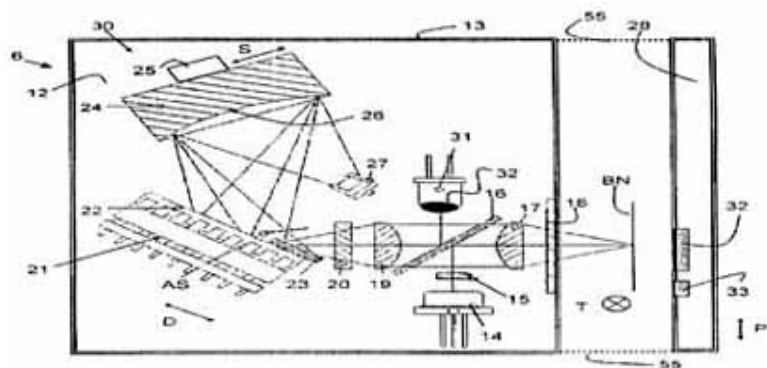
(54) Title of the invention : DEVICE AND METHOD FOR VERIFYING VALUE DOCUMENTS

(51) International classification :G07D7/12
 (31) Priority Document No :10 2004 035 494.4
 (32) Priority Date :22/07/2004
 (33) Name of priority country :Germany
 (86) International Application No :PCT/EP2005/007872
 Filing Date :19/07/2005
 (87) International Publication No :WO 2006/010537
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :
1)GIESECKE & DEVRIENT GMBH
 Address of Applicant :PRINZREGENTENSTRASSE 159,81677
 MUNCHEN,GERMANY Germany
 (72)Name of Inventor :
1)GIERING THOMAS
2)BLOSS MICHAEL
3)DECKENBACH WOLFGANG
4)CLARA MARTIN
5)EHRL HANS-PETER

(57) Abstract :

The invention relates to a method and apparatus (1) for checking luminescent value documents (BN), in particular bank notes, with a luminescence sensor (12), wherein the value document to be checked is irradiated to excite luminescence radiation and the luminescence radiation emanating from the value document is detected with spectral resolution. Since the value document (BN) to be checked transported past the luminescence sensor (12) in the transport direction (T) is illuminated with an illumination area (35) which extends in the transport direction (T), an effective measurement is possible even of value documents that emit very little luminescence radiation.



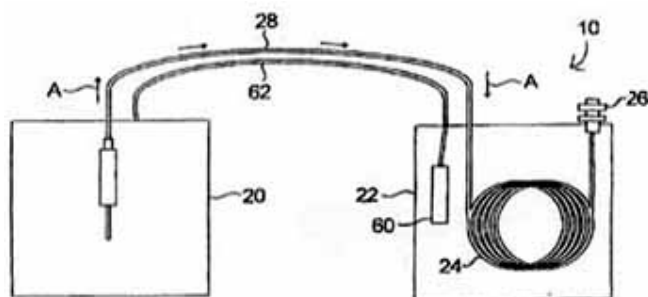
(54) Title of the invention : SYSTEM FOR REGULATING FLUID FLOWING THROUGH CHROMATOGRAPHIC COLUMN

(51) International classification :G01N30/32
 (31) Priority Document No :60/521,951
 (32) Priority Date :26/07/2004
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2005/026576
 Filing Date :26/07/2005
 (87) International Publication No :WO 2006/015008
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :
1)PERKINELMER LAS,INC.
 Address of Applicant :549 ALBANY STREET,BOSTON,MA
 02118,U.S.A. U.S.A.
 (72)Name of Inventor :
1)TIPLER,ANDREW
2)EDWARDS,RICHARD,G

(57) Abstract :

Disclosed are systems and methods that include a sampling device, a chromatographic column, and a transfer line through which a fluid containing analytes to be measured are communicated from the sampling device to the column. The pressure at which the fluid containing the analytes is applied at the inlet of the transfer line is adjusted as the temperature of the column increases in accordance with certain relationships in order to maintain a substantially constant flow rate or velocity for the fluid exiting the column. In this way, the system compensates for changes in the viscosity of the fluid flowing through the column that results from changes in the column temperature.



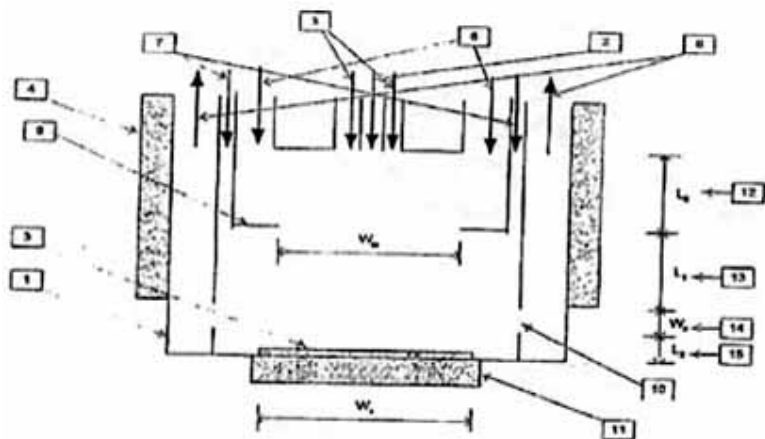
(54) Title of the invention : DEPOSITION TECHNIQUE FOR PRODUCING HIGH QUALITY COMPOUND SEMICONDUCTOR MATERIALS.

(51) International classification :H01L 21/00
 (31) Priority Document No :0414607.2
 (32) Priority Date :30/06/2004
 (33) Name of priority country :U.K.
 (86) International Application No :PCT/GB2005/002529
 Filing Date :27/06/2005
 (87) International Publication No :WO 2006/003381
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :
1)WANG,WANG,NANG
 Address of Applicant :MARTLETS,MIDFORD LANE,LIMPLEY
 STOKE,BATH BA2 7GW,U.K. U.K.
 (72)Name of Inventor :
1)WANG,WANG,NANG
2)STEPANOV,SERGEY IGOREVICH

(57) Abstract :

Deposited layers are advantageously obtained by utilizing a specific hydride vapour phase epitaxy deposition procedure. In this procedure, a vertical growth cell structure with extended diffusion layer, a homogenising diaphragm, sidewall purging gases, anal independent gas and substrate heaters is used for the deposition of III-V and VI compound semiconductors. This gas flow is uniformly mixed through the extended diffusion layer and directed so that it contacts the full surface of the substrate to produce high quality and uniform films. Exemplary of such gas flow configurations are the positioning of a substrate at a distance from the gas outlets to allow the extended diffusion and a diaphragm placed in a short distance above the substrate to minimise the impact of the convection effect and to improve the uniformity. This symmetrical configuration allows easy scale up from a single wafer to multi-wafer system. This vertical configuration allows the quick switching between different reactive gas precursors so that time modulated growth and etch processes can be employed to further minimise the defects density of the deposited materials.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.3929/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :27/12/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : SYSTEM AND METHOD FOR ESTABLISHING A VIRTUAL PRIVATE NETWORK

(51) International classification	:G06F 9/00
(31) Priority Document No	:60/583,785
(32) Priority Date	:30/06/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2005/022884
Filing Date	:24/06/2005
(87) International Publication No	:WO 2006/004725
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)CITRIX APPLICATION NETWORKING,LLC.
Address of Applicant :180 BAYTECH DRIVE,SAN JOSE,CALIFORNIA 95134,U.S.A. U.S.A.

(72)**Name of Inventor :**
1)SUNDARRAJAN PRABAKAR
2)HE JUNXIAO
3)SONI AJAY
4)NANJUNDASWAMY SHASHIDHARA
5)KUMAR ARKESH

(57) Abstract :

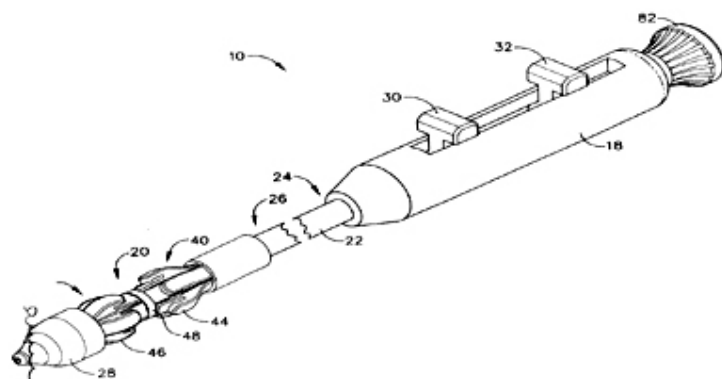
A system and method for establishing a virtual private network (VPN) between a client and a private data communication network. An encrypted data communication session, such as a Secure Sockets Layer (SSL) data communication session, is established between a gateway and the client over a public data communication network. The gateway then sends a programming component to the client for automatic installation and execution thereon. The programming component operates to intercept communications from client applications destined for resources on the private data communication network and to send the intercepted communications to the gateway via the encrypted data communication session instead of to the resources on the private data communication network.

(54) Title of the invention : SPRING-BASED FIRING MECHANISM FOR ANASTOMOTIC RING APPLIER

(51) International classification	:A61B17/11	(71)Name of Applicant :
(31) Priority Document No	:11/120886	1)ETHICON ENDO -SURGERY, INC.
(32) Priority Date	:03/05/2005	Address of Applicant :4545(45242) CREEK ROAD, CINCINNATI,
(33) Name of priority country	:U.S.A.	OH, OHIO CORPORATION U.S.A.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)MARK S. ORTIZ
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A surgical instrument for applying an anastomotic ring device comprises a handle that is connected to an anastomotic ring deployment mechanism by an elongate shaft. The instrument also comprises an actuation mechanism that is configured to apply an actuating force to the ring deployment mechanism to deploy an anastomotic ring. In one embodiment, the actuation mechanism applies a compressive force to deploy the anastomotic ring by drawing opposing ends of a ring deployment mechanism together. The actuation mechanism may comprise a spring or other resilient member moveable from a first position to a second position in order to actuate the ring deployment mechanism. A mechanism is operable to maintain the spring in the first position, while permitting the spring to move to the second position in response to user input. A mechanism is operable to dislodge the spring.



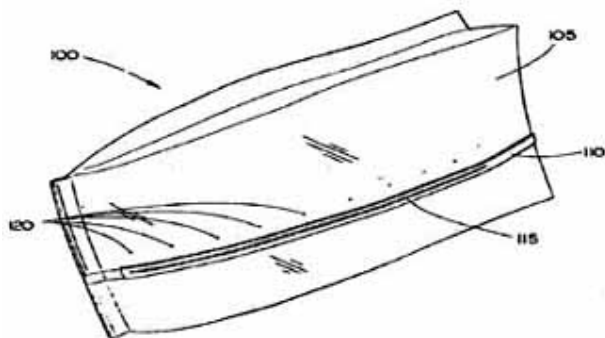
(54) Title of the invention : PACKAGING MATERIAL AND METHOD FOR MICROWAVE AND STEAM COOKING OF PERISHABLE FOOD PRODUCT

(51) International classification :B65D 33/01
 (31) Priority Document No :10/855,305
 (32) Priority Date :27/05/2004
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2005/018740
 Filing Date :27/05/2005
 (87) International Publication No :WO 2005/118770
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

(71)**Name of Applicant :**
1)PERFTECH INC.
 Address of Applicant :23 STONE HILL ROAD,OSWEGO,IL
 60543,U.S.A. U.S.A.
 (72)**Name of Inventor :**
1)MIR,NAZIR

(57) Abstract :

A cost-effective packaging device and preservation process for allowing for the distribution, storage and cooking of a perishable food product(s), and initiating and controlling the ripening rates of the perishable food products) having different maturity stages followed by uniform ripening, good internal and external fruit quality and normal development of flavour and aroma characteristics. The packaging device includes a plurality of micro-perforations that control the atmosphere within the packaging device as the perishable food products) progress through their ripening stages so as not to appreciable delay ripening to an intermediate ripening stage, but to delay ripening beyond such intermediate stage in order to promote the extended shelf-life of the perishable food product and the maintenance of the quality of the perishable food product. The micro-perforations allow the cooking of the perishable food product within the packaging device without substantially altering the cooking properties of the packaging device.

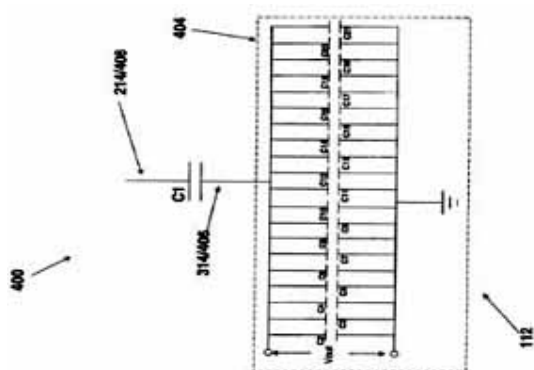


(54) Title of the invention : "A METHOD AND AN APPARATUS FOR MEASURING VOLTAGE AT A POWER SWITCHING DEVICE".

(51) International classification	:G01R19/00; G01R19/00	(71)Name of Applicant :
(31) Priority Document No	:60/581,451	1)ABB TECHNOLOGY AG
(32) Priority Date	:21/06/2004	Address of Applicant :AFFOLTERNSTRASSE 44, CH- 8050,ZURICH Switzerland
(33) Name of priority country	:U.S.A.	(72)Name of Inventor :
(86) International Application No	:PCT/US2005/021775	1)BARBOUR,ERSKINE
Filing Date	:21/06/2005	2)GLINKOWSKI,MIETEK
(87) International Publication No	:WO 2006/007456	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method and apparatus for determining a voltage potential in a power switching device(110). The method and apparatus uses a conductive shield surrounding a coil positioned around a connector in a power switching device. The coil is used to provide a current measuring device within the power switching device. The combination of the shield(310), connector and the dielectric between them forms a capacitor, which is the high voltage leg of a capacitive voltage divider circuit. The capacitive voltage divider has a low voltage leg made of one or more capacitors. The capacitors of the low voltage leg may be removed in order to adjust the output of the capacitive voltage divider. The output of the voltage divider circuit is measured, converted and displayed to a user.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.3932/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :27/12/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : COMPOSITIONS AND METHODS FOR TREATING EYE DISORDERS AND CONDITIONS

(51) International classification

:A61K31/19

(31) Priority Document No

:60/584,514

(32) Priority Date

:01/07/2004

(33) Name of priority country

:U.S.A.

(86) International Application No

:PCT/US2005/023113

Filing Date

:30/06/2005

(87) International Publication No

:WO 2006/007510

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)SCHEPENS EYE RESEARCH

Address of Applicant :20 STANFORD STREET, BOSTON, MA
02114 U.S.A.

2)JOHNSON & JOHNSON VISION CARE, INC.

(72)Name of Inventor :

1)DANA, REZA

2)SCHAUMBERG, DEBRA

3)MOLOCK, FRANK

4)COPPER, LENORA

5)MAHADEVAN SHIV

6)LORENZ, KATHY, OSBORN

7)RASHID, SAADIA

(57) Abstract :

The present invention relates to compositions comprising omega-6 and/or omega-3 fatty acids and uses thereof. The present invention also relates to methods of treatment using such compositions.

(54) Title of the invention : "A DEVICE OF ELECTRODES FOR MEASURING WATER CONTENT IN FOUNDRY SAND, AN APPARATUS FOR MEASURING WATER CONTENT IN FOUNDRY SAND, AND A METHOD AND AN APPARATUS FOR SUPPLYING WATER TO A SAND MIXER".

(51) International classification :B22C9/00;
B22C9/00
(31) Priority Document No :2004-200636
(32) Priority Date :07/07/2004
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2005/012462
Filing Date :06/07/2005
(87) International Publication No :WO 2006/004147
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)SINTOKOGIO, LTD.

Address of Applicant :28-12, MEIEKI 3-CHOME, NAKAMURA-KU, NAGOYA-SHI, AICHI-KEN,450-0002 Japan

(72)Name of Inventor :

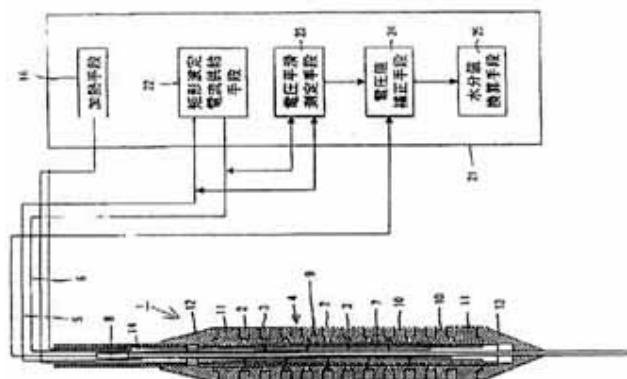
1)HARADA, HISASHI

2)NISHIDA, TADASHI

3)SUGITA, KOZO

(57) Abstract :

This invention relates to a device of electrodes for measuring water content in foundry sand, an apparatus for measuring water content in foundry sand, and a method and an apparatus for supplying water to a sand mixer. When the prior-art device for measuring water content in the foundry sand is disposed in it, the size or shape of the device of the electrodes is limited. To solve this problem, the device of the electrodes for measuring water content in the foundry sand by supplying an electric current to it is comprised of a plurality of conductive elements 2, 3 concentrically disposed with certain intervals between them in a longitudinal direction, wherein the elements form an annular shape, a retaining element 4 to retain the plurality of the conductive elements 2, 3, wherein the retaining element 4 has an electrical insulating property and a cylindrical shape having the same diameter as the conductive elements 2, 3, and the two conductive wires 5, 6 to connect alternate respective elements of the plurality of conductive elements 2, 3 so that the conductive elements 2, 3 form two poles, wherein the two conductive wires 5, 6 pass through the cavity in the retaining element 4.



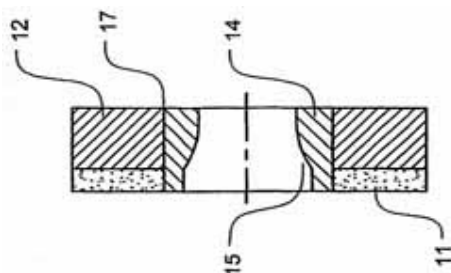
15. HEATING MEANS
22. RECTANGULAR WAVE CURRENT SUPPLY MEANS
23. VOLTAGE SMOOTHNESS MEASUREMENT MEANS
24. VOLTAGE VALUE CORRECTION MEANS
25. MOISTURE VALUE CONVERSION MEANS

(54) Title of the invention : INDEXABLE CUTTING INSERTS AND METHODS FOR PRODUCING THE SAME

(51) International classification	:B23B27/14; B23B27/18	(71)Name of Applicant :
(31) Priority Document No	:10/857,922	1)SANDVIK INTELLECTUAL PROPERTY AB
(32) Priority Date	:02/06/2004	Address of Applicant :S-811 81 SANDVIKEN Sweden
(33) Name of priority country	:U.S.A.	(72)Name of Inventor :
(86) International Application No	:PCT/US2005/019321	1)SJOGREN,CLAS
Filing Date	:02/06/2005	2)LINDHOLM,MIKAEL;
(87) International Publication No	:WO 2005/118188	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A cutting insert includes a body comprising a superhard material or a superhard material and a cemented carbide, a hole through said body, and a preformed hole inlay in said hole to allow securing of the insert to a holder. The method of making same is also disclosed.

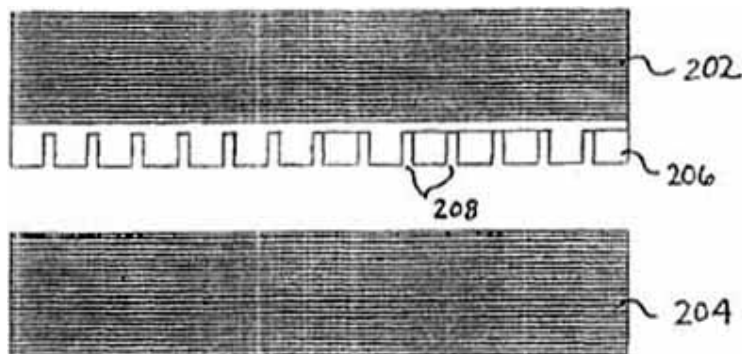


(54) Title of the invention : METHODS FOR PRODUCING IN-SITU GROOVES IN CHEMICAL MECHANICAL PLANARIZATION (CMP) PADS, AND NOVEL CMP PAD DESIGNS

(51) International classification	:B24D11/00; B24D11/00	(71)Name of Applicant :
(31) Priority Document No	:10/897,192	1)NEOPAD TECHNOLOGIES CORPORATION
(32) Priority Date	:21/07/2004	Address of Applicant :1290 OAKMEAD PARKWAY, SUITE 305, SUNNYVALE, CA 94085 U.S.A.
(33) Name of priority country	:U.S.A.	(72)Name of Inventor :
(86) International Application No	:PCT/US2005/025330	1)DEOPURA, MANISH
Filing Date	:15/07/2005	2)VAIDYA, HEM, M.
(87) International Publication No	:WO 2006/020153	3)ROY, PRADIP, K.
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Methods for producing in-situ grooves in CMP pads are provided. In general, the methods for producing in-situ grooves comprise the steps of patterning a silicone lining(206), placing the silicone lining (206) in or on a mold (200), adding CMP pad material to the silicone lining (206), and allowing the CMP pad to solidify. CMP pads comprising novel groove designs are also described. For example, described here are CMP pads comprising concentric circular grooves and axially curved grooves, reverse logarithmic grooves, overlapping circular grooves,lassajous groves, double spiral grooves,and multiply overlapping axially curved grooves. The CMP pads may be made from polyurethane, and the grooves produced therein may be made by a method from the group consisting of silicone lining, laser writing, water jet cutting, 3-D printing thermoforming, vacuum forming, micro-contact printing, hot stamping, and mixtures thereof.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.3937/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :28/12/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : "TRICYCLIC INDENO-PYRROLE DERIVATIVES AS SEROTONIN RECEPTOR MODULATORS"

(51) International classification	:A61K 31/00
(31) Priority Document No	:60/592,047
(32) Priority Date	:29/07/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2005/026415
Filing Date	:26/07/2005
(87) International Publication No	:N/A
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)ATHERSYS, INC.
Address of Applicant :3201 CARNEGIE AVENUE, CLEVELAND,
OHIO 44115-2634 U.S.A.
(72)**Name of Inventor :**
1)BENNANI, YOUSSEF L
2)HUCK BAYARD
3)ROBARAGE MICHAEL J

(57) Abstract :

The present invention generally relates to a series of compounds, to pharmaceutical compositions containing the compounds, and to use of the compounds and compositions as therapeutic agents. More specifically, compounds of the present invention are tricyclic indeno-pyrrole compounds. These compounds are serotonin receptor (5-HT) ligands and are useful for treating diseases, disorders, and conditions wherein modulation of the activity of serotonin receptors (5-HT) is desired (e.g. anxiety, depression and obesity).

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3938/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :28/12/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : "MODULATORS OF ATP-BINDING CASSETTE TRANSPORTERS"

(51) International classification	:C07D215/00; C07D215/	(71)Name of Applicant :
(31) Priority Document No	:60/582,676	1)VERTEX PHARMACEUTICALS,INCORPORATED
(32) Priority Date	:24/06/2004	Address of Applicant :130,WAVERLY STREET CAMBRIDGE,MA
(33) Name of priority country	:U.S.A.	02139 U.S.A.
(86) International Application No	:PCT/US2005/022768	(72)Name of Inventor :
Filing Date	:24/06/2005	1)HADIDA RUAH,SARAH,S.
(87) International Publication No	:WO 2006/002421	2)HAZLEWOOD,ANNA,R.
(61) Patent of Addition to Application Number	:NA	3)GROOTENHUIS,PETER,D.,J.
Filing Date	:NA	4)VAN GOOR,FREDERICK ,F
(62) Divisional to to Application Number	:NA	5)SINGH,ASHVANI,K.
Filing Date	:NA	6)ZHOU,JINGLAN
		7)MCCARTNEY,JASON

(57) Abstract :

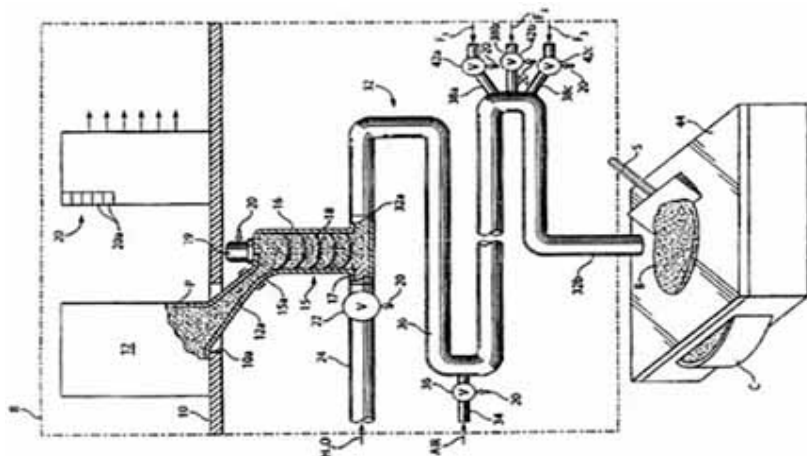
The present invention relates to modulators of ATP-Binding Cassette ("ABC") transporters or fragments thereof, including Cystic Fibrosis Transmembrane Conductance Regulator, compositions thereof, and methods therewith. The present invention also relates to methods of treating ABC transporter mediated diseases using such modulators.

(54) Title of the invention : "DRY-BASE AERATED FOOD PRODUCT DISPENSING METHOD AND APPARATUS".

(51) International classification	:A23G9/20; A47J31/40	(71)Name of Applicant :
(31) Priority Document No	:10/884,683	1)MOOBELLA, LLC
(32) Priority Date	:01/07/2004	Address of Applicant :555, CONSTITUTION DRIVE, TAUNTON, MA 02780-7365, U.S.A.
(33) Name of priority country	:U.S.A.	(72)Name of Inventor :
(86) International Application No	:PCT/US2005/023488	1)KATEMAN, PAUL
Filing Date	:30/06/2005	
(87) International Publication No	:WO 2006/007551	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method of producing and dispensing a food product provides a supply of product base in the form of a dry powder, mixes a selected amount of that powder with a selected amount of water to produce a selected volume of powder base/water mix. That volume is then flowed along a confined turbulence passage so that the powder base dissolves thoroughly in the water to form a selected volume of liquid product base. At a location further along the passage, air is injected into the liquid product base to give the liquid product base a selected amount of aeration whereby a selected volume of a homogenous aerated liquid product exits the passage. Flavor may be added to the aerated liquid product and that product may be at least partially frozen to form a frozen confection. Apparatus for carrying out the method is also disclosed.

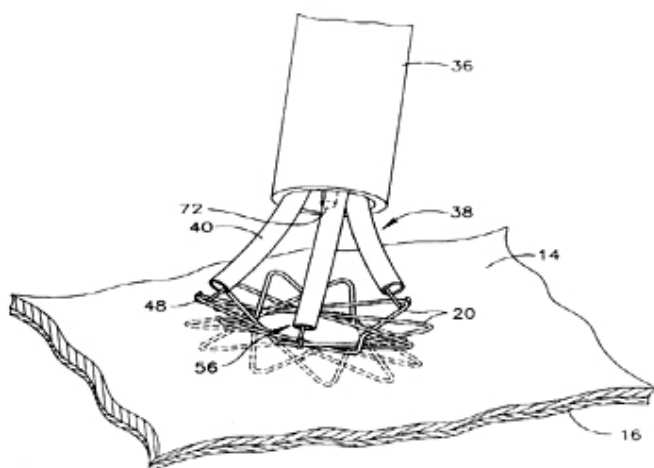


(54) Title of the invention : SURGICAL INSTRUMENT FOR EXTRACTING AN ANASTOMOTIC RING DEVICE

(51) International classification	:A61B17/11	(71)Name of Applicant :
(31) Priority Document No	:11/120826	1)ETHICON ENDO-SURGERY, INC.
(32) Priority Date	:03/05/2005	Address of Applicant :4545 CREEK ROAD, CINCINNATI OH
(33) Name of priority country	:U.S.A.	45242 OHIO CORPORATION U.S.A.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)MARK S. ORTIZ
(87) International Publication No	: NA	2)LYNETTA FREEMAN
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A surgical instrument comprises a handle and an elongate shaft, and is operable to remove an anastomotic ring device from a patient. The elongate shaft houses a plurality of ring engaging fingers. Each of the fingers comprises sheath housing a wire having a hook at its distal end. Each hook may be advanced beyond the distal end of a respective sheath to engage petals on an anastomotic ring device. Subsequent proximal retraction of the hooks secures the anastomotic ring device to the ring engaging fingers. With the anastomotic ring device secured to the ring engaging fingers, the fingers may be drawn together to collapse the anastomotic ring device from an actuated, hollow rivet-shaped configuration to an unactuated, cylindrically-shaped configuration. The surgical instrument may then contain the collapsed anastomotic ring device, thereby facilitating removal of the anastomotic ring device from the patient.

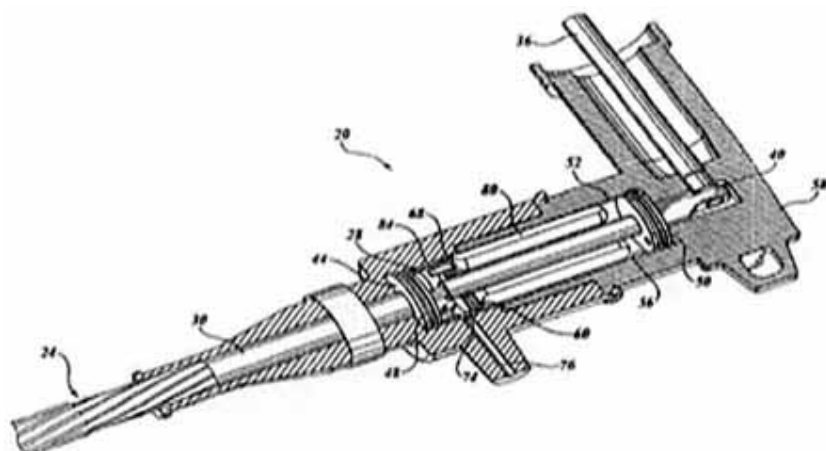


(54) Title of the invention : "CABLE CONNECTORS WITH INTERNAL FLUID RESERVOIRS"

(51) International classification	:H01R13/53; H01R13/53	(71)Name of Applicant :
(31) Priority Document No	:60/604,506	1)UTILX CORPORATION
(32) Priority Date	:25/08/2004	Address of Applicant :22820 RUSSELL ROAD,KENT,WA 98032 U.S.A.
(33) Name of priority country	:U.S.A.	(72)Name of Inventor :
(86) International Application No	:PCT/US2005/019999	1)STAGI WILLIAM R
Filing Date	:07/06/2005	2)STEELE JAMES
(87) International Publication No	:WO 2006/025906	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Cable terminations, junctions, or connectors having a cable affixed therein are provided, which include an internal cavity that is capable of (1) holding a selected volume of remediation fluid and (2) supplying it to the cable. Several embodiments of the cavity are capable of holding the remediation fluid under pressure for prolonged periods of time and through various environmental conditions such as temperature, moisture and sun exposure. Several embodiments of the internal cavity are divided into two or more chambers that are in physical communication through the opposition of pressure but which are chemically isolated. In several embodiments, an actuation device, such as a spring or compressed gas, pressurizes the fluid. Throughout the embodiments, individual access port(s) provide controlled access to the various internal chambers.



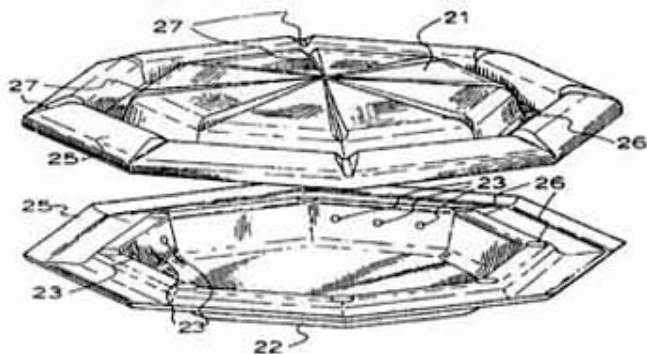
(54) Title of the invention : WATER STORAGE EVAPORATION CONTROL

(51) International classification :B65D88/34;
E04H4/06
(31) Priority Document No :2004904178
(32) Priority Date :28/07/2004
(33) Name of priority country :Australia
(86) International Application No :PCT/AU2005/001094
Filing Date :27/07/2005
(87) International Publication No :WO 2006/010204
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)WATER INNOVATIONS PTY LTD.
Address of Applicant :51 KIDD STREET, ROBERTSON,QLD4111
AUSTRALIA Australia
(72)**Name of Inventor :**
1)CAP, GEORGE, JAROSLAV
2)WOODFIELD, ROSS

(57) Abstract :

A floating modular cover for a water storage consisting of a plurality of modules in which each module includes a chamber defined by an upper surface and a lower surface there being openings in the upper surface to allow ingress of water into said chamber and openings in the upper surface to allow air to flow into and out of said chamber depending on the water level within said chamber to provide ballast for each module floats. The modules prevent water evaporation from the area covered and the shape and size is selected to ensure that the modules are stable in high wind conditions and don't form stacks. The modules may be made from identical hexagonal or octagonal halves by blow moulding or hermoforming.



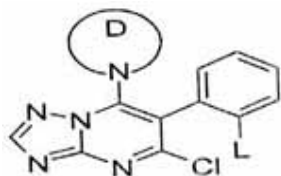
(54) Title of the invention : FUNGICIDAL MIXTURES

(51) International classification :A01N 43/90
 (31) Priority Document No :102004037784.7
 (32) Priority Date :03/08/2004
 (33) Name of priority country :Germany
 (86) International Application No :PCT/EP2005/008192
 Filing Date :28/07/2005
 (87) International Publication No :WO 2006/015728
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :
1)BASF AKTIENGESELLSCHAFT
 Address of Applicant :67056 LUDWIGSHAFEN GERMANY
 Germany
 (72)Name of Inventor :
1)BLETTNER CARSTEN
2)DIETZ JOCHEN
3)GRAMMENOS WASSILIOS
4)HUNGER UDO
5)MULLER BERND
6)NIEDENBRUCK MATTHIAS
7)RHEINHEIMER JOACHIM
8)SCHAFFER PETER
9)SCHIEWECK FRANK
10)SCHWOGGLER ANJA
11)NAVE BARBARA
12)SCHERER MARIA
13)STRATHMANN SIEGFRIED
14)SCHOFEL ULRICH
15)STIERL REINHARD
16)GROTE THOMAS

(57) Abstract :

Fungicidal mixtures, comprising as active components 1) a 5-chloro-6-phenyl-7-heterocyclaminotriazolopyrimidine of the formula I, in which D together with the nitrogen atom forms a pyrrolidine, piperidine or azepine ring, which rings are unsubstituted or substituted by one or two methyl groups or by an ethyl, propyl or butyl group; and L is methyl, fluorine or chlorine; and 2) at least one active compound II selected from the following groups: A) azoles; B) strobilurins; C) acylalanines; D) amine derivatives; E) anilinopyrimidines; F) dicarboximides; G) cinnamides and analogs; H) antibiotics; K) dithiocarbamates; L) heterocyclic compounds according to the description; M) sulfur and copper fungicides; N) nitrophenyl derivatives; O) phenylpyrroles; P) sulfenic acid derivatives; Q) other fungicides according to the description; or R) growth retardants; in a synergistically effective amount, novel triazolopyrimidines, methods for controlling harmful fungi using compounds or mixtures of a compound I with an active compound of groups A) to R) and the use of the compounds I with the active compounds of groups A) to R) for preparing such mixtures, and also compositions comprising these compounds or mixtures.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.3943/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :28/12/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : COMPOUNDS, COMPOSITIONS AND METHODS

(51) International classification :A61K31/506

(31) Priority Document No :60/581,197

(32) Priority Date :17/06/2004

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

(86) International Application No :PCT/US2005/021100

Filing Date :16/06/2005

(87) International Publication No :WO 2006/009726

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)CYTOKINETICS, INC.

Address of Applicant :280 EAST GRAND AVENUE,SOUTH SAN FRANCISCO,CA 94080 U.S.A U.S.A.

(72)Name of Inventor :

1)MORGAN, BRADLEY, P

2)MUCI, ALEX

3)LU, PU-PING

4)KRAYNACK, ERICA

5)TOCHIMOTO, TODD

6)MORGANS, DAVID

(57) Abstract :

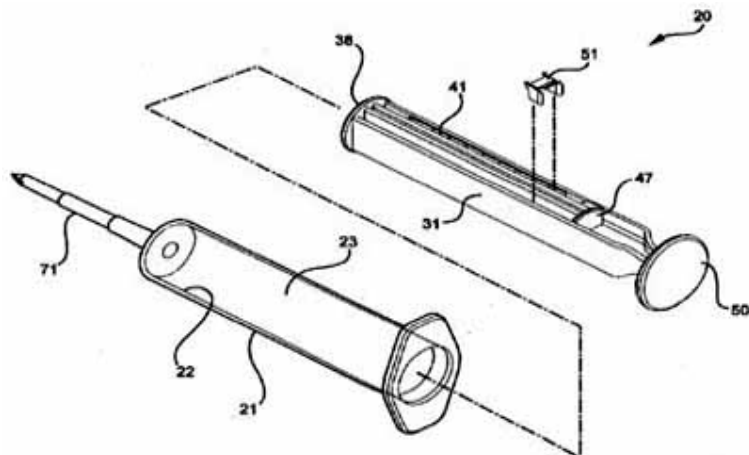
Certain substituted urea derivatives selectively modulate the cardiac sarcomere,for example by potentiating cardiac myosin, and are useful in the treatment of systolic heart failure including congestive heart failure.

(54) Title of the invention : SINGLE-USE SYRINGE

(51) International classification	:A61M5/50; A61M5/50	(71)Name of Applicant :
(31) Priority Document No	:10/880,393	1)BECTON, DICKINSON AND COMPANY
(32) Priority Date	:29/06/2004	Address of Applicant :1 BECTON DRIVE FRANKLIN LAKES NJ 07417-1880 U.S.A.
(33) Name of priority country	:U.S.A.	(72)Name of Inventor :
(86) International Application No	:PCT/US2005/022427	1)MOH, JON, YAOHAN
Filing Date	:23/06/2005	2)PELKEY, BRIAN, J.
(87) International Publication No	:WO 2006/012280	3)GRIGGS, JULIA, E.
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An operable single-use syringe includes a barrel having an inside surface defining a chamber for retaining fluid and an open proximal end. A plunger rod having an elongate body portion and a stopper at its distal end slidably positioned in fluid-tight engagement in the barrel. A locking element is positioned in the barrel between the plunger rod and the inside surface of the barrel. The locking element has a base and two leg members projecting therefrom that are positioned in longitudinal grooves in the plunger rod. The locking element only moves distally in the barrel and prevents re-use of the syringe after its contents have been discharged.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.3945/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :29/12/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : INVERSE EMULSION POLYMER AND METHOD OF USE THEREOF

(51) International classification	:C08F 2/32
(31) Priority Document No	:10/880,909
(32) Priority Date	:30/06/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2005/022915
Filing Date	:27/06/2005
(87) International Publication No	:WO 2006/004745
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)NALCO COMPANY
Address of Applicant :1601,DIEHL ROAD
NAPERVILLE,ILLINOIS 60563-1198 U.S.A.
(72)**Name of Inventor :**
1)STROMINGER, MICHAEL, G.
2)MALITO, JOHN. T.
3)HARRIS,PAUL,J.

(57) Abstract :

The present invention provides an inverse emulsion polymer having a dispersed phase composed of an aqueous solution of an acrylic polymer and a continuous phase composed of an ester of a fatty acid and a water soluble alcohol. The present invention further includes a method of water treatment which includes adding the inverse emulsion polymer to an industrial water system and hydrolysing the ester of a fatty acid and a water soluble alcohol into a fatty acid salt. The inverse emulsion polymer may be used as a flocculant to clarify industrial water systems at elevated temperature and/or elevated pressure and high pH.

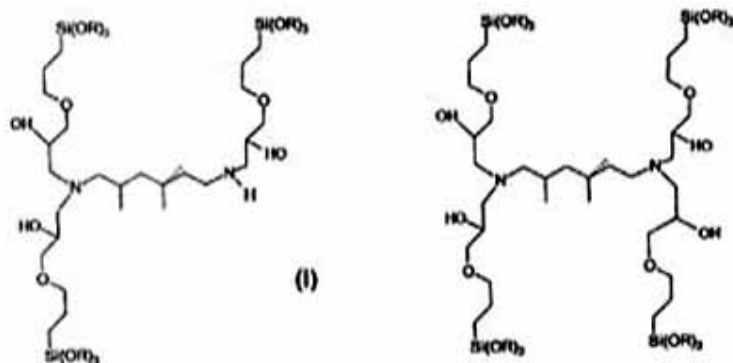
(54) Title of the invention : COMPOSITION FOR COATING OF ALUMINUM

(51) International classification :C07F 7/02
 (31) Priority Document No :10/881,902
 (32) Priority Date :30/06/2004
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2005/022691
 Filing Date :28/06/2005
 (87) International Publication No :WO 2006/004642
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :
1)NALCO COMPANY
 Address of Applicant :1601,DIEHL ROAD
 NAPERVILLE,ILLINOIS 60563-1198 U.S.A.
 (72)Name of Inventor :
1)CUI, JI

(57) Abstract :

A composition of matter of formula TG13-R and a composition of matter of formula TG14-R.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.3947/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :29/12/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : CORROSION-INHIBITING COMPOSITIONS AND USE THEREOF

(51) International classification	:C07F 7/02
(31) Priority Document No	:10/881,902
(32) Priority Date	:30/06/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2005/023117
Filing Date	:30/06/2005
(87) International Publication No	:WO 2006/004839
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)NALCO COMPANY
Address of Applicant :1601,DIEHL ROAD
NAPERVILLE,ILLINOIS 60563-1198 U.S.A.
(72)**Name of Inventor :**
1)CUI, JI

(57) Abstract :

The composition of matter of formula TG13-R(1) and a composition of matter of formula TG14-R(II) where R is H or C1-C6 alkyl, is described and claimed. These compositions of matter have been found to be useful in a Coating Mixture that is applied to aluminium or aluminium alloys.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3948/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :29/12/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : REVERSE TRANSFER SYSTEM BALL-SCREW , AND ELECTROMECHANICAL ACTUATOR EMPLOYING SAME

(51) International classification	:F16H27/02
(31) Priority Document No	:10/880,856
(32) Priority Date	:30/06/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2005/022783
Filing Date	:23/06/2005
(87) International Publication No	:WO 2006/004681
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)MOOG INC
Address of Applicant :A NEW YORK CORPORATION JAMISON
ROAD EAST AURORA,NEW YORK 14052 U.S.A.
(72)**Name of Inventor :**
1)ZHOU, XIANG

(57) Abstract :

An electro-mechanical actuator (21) includes a reverse transfer system ball-screw (20). The actuator broadly includes a frame (22), a nut mounted on the frame (43), at least one magnet (59) mounted on the nut, at least one coil (55) mounted on the frame, the coil being adapted to be selectively supplied with current to cause the nut to rotate within the frame, a rotary feedback device (80), and a screw (44) arranged within the nut for rotational and axial movement relative thereto. The screw and nut both have cooperative ball recesses (72, 74) that define a ball path in which a plurality of balls (73) are mounted. The ball recirculation path is provided in the screw. A rod (23) is connected to the screw for movement therewith. Relative rotation between the nut and screw will cause the screw and rod to move axially relative to the frame.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3949/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :29/12/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : COMPOSITIONS COMPRISING NEBIVOLOL

(51) International classification	:A61K 31/352
(31) Priority Document No	:60/577,423
(32) Priority Date	:04/06/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2005/019111
Filing Date	:01/06/2005
(87) International Publication No	:WO 2005/117858
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)MYLAN LABORATORIES, INC.
Address of Applicant :781 CHESTNUT RIDGE ROAD
MORGANTOWN,WV 26504, U.S.A
(72)**Name of Inventor :**
1)DAVIS, ERIC
2)O' DONNELL, JOHN
3)BOTTINI, PETER, BRUCE

(57) Abstract :

Nebivolol has been shown to be beneficial in the treatment of cardiovascular diseases such hypertension, congestive heart failure, arterial stiffness and endothelial dysfunction. The present invention features a pharmaceutical composition comprising nebivolol and at least one other active agent, wherein the at least one other active agent is a cardiovascular agent.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.395/KOL/2006 A

(19) INDIA

(22) Date of filing of Application :02/05/2006

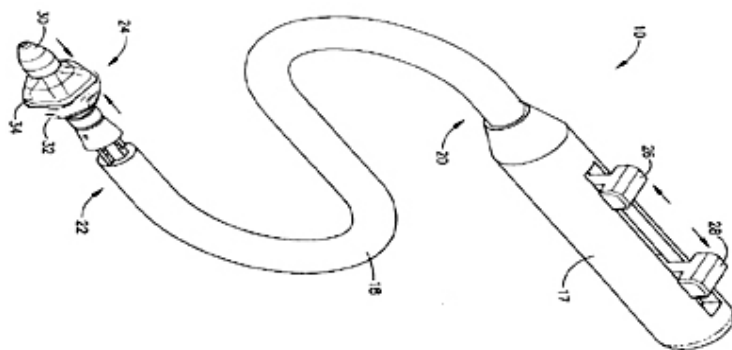
(43) Publication Date : 22/06/2007

(54) Title of the invention : SHEATH FOR ENABLING INSERTION AND EXTRACTION OF ANASTOMOTIC RING APPLIER

(51) International classification	:A61B17/11	(71)Name of Applicant :
(31) Priority Document No	:11/120824	1)ETHICON ENDO-SURGERY, INC.
(32) Priority Date	:03/05/2005	Address of Applicant :4545 CREEK ROAD CINCINNATI, OH
(33) Name of priority country	:U.S.A.	45242 U.S.A.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)MARK S. ORTIZ
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A surgical tool or applier for deploying an anastomotic ring that comprises a handle connected to an elongate shaft that terminates in an anastomotic ring deployment mechanism, which is moveable from an unactuated position to an actuated position. In order to prevent tissue from becoming trapped in the ring deployment mechanism during insertion or extraction of the tool, a sheath is adapted to cover ring deployment mechanism during insertion and extraction. The sheath is moveable with the ring deployment mechanism from the unactuated position to the actuated position. The sheath may comprise an elastomeric material, a braided thread, or another material.



(54) Title of the invention : ABLATION APPARATUS AND SYSTEM TO LIMIT NERVE CONDUCTION

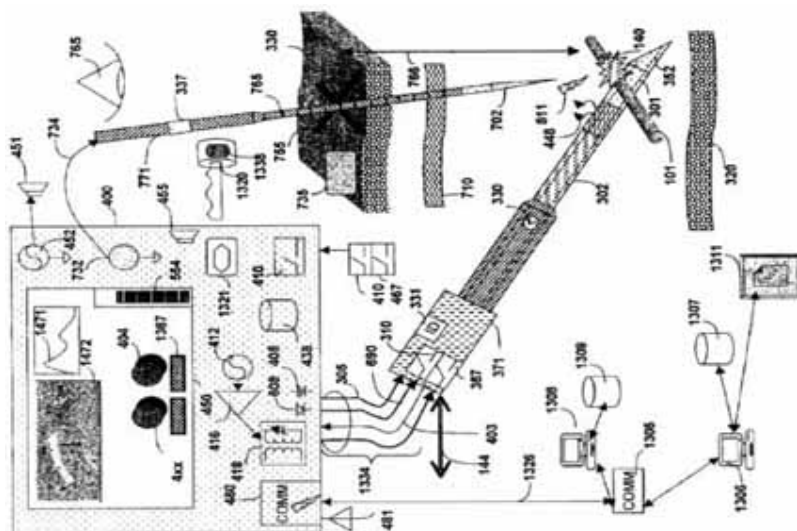
(51) International classification	:A61B18/14
(31) Priority Document No	:10/870,202
(32) Priority Date	:17/06/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2005/021023
Filing Date	:14/06/2005
(87) International Publication No	:WO 2006/009705
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)JNJ TECHNOLOGY HOLDINGS, L.L.C.
 Address of Applicant :10940 S.PARKER ROAD,SUITE
 513,PARKER,CO 80134 U.S.A U.S.A.

(72)**Name of Inventor :**
1)JANSSEN, WILLIAM, MICHAEL
2)NEWMAN, JAMES, PAUL
3)JONES, JAMES
4)BUSKE, JEFFREY, MICHAEL

(57) Abstract :

A surgical system and the associated methods for use in Minimally Invasive Surgical procedures for use in the short-and long-term termination of signals through nerves. Such a procedure is an improvement over the current state-of-the-art because of the use of a tightly coupled single-needle bipolar probe. The proximity of both electrodes, to the nerve or tissue targeted for the treatment, is such that it reduces the losses experienced with external electrodes (e.g. plates or probes). Further, the probe has features associated with locating the probe and dispensing or sampling far above the probes currently available. The resulting improvements provide a quantum leap in technology for the associated medical industries and a base line for these procedures in the future.

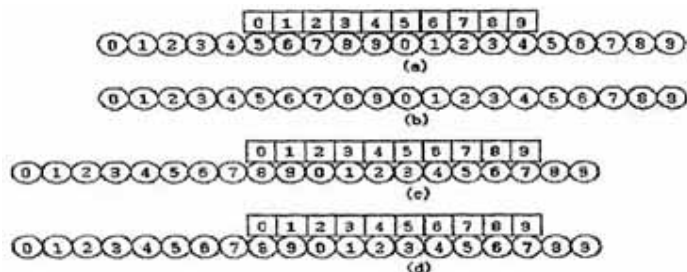


(54) Title of the invention : A METHOD FOR PREVENTING INPUT INFORMATION FROM EXPOSING TO OBSERVERS

(51) International classification	:G06F17/00; G06F17/00	(71)Name of Applicant :
(31) Priority Document No	:10-2004-0039209	1)PARK,SEUNG-BAE
(32) Priority Date	:31/05/2004	Address of Applicant :UNRI VILLAGE DONG-BU CENTREVILLE
(33) Name of priority country	:Republic of Korea	664-6, PUNGAM-DONG,SEO-GU,GWANGJU,502-156 Republic of
(86) International Application No	:PCT/KR2005/001619	Korea
Filing Date	:31/05/2005	(72)Name of Inventor :
(87) International Publication No	:WO 2005/116860	1)PARK, SEUNG-BAE
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method for preventing input information from exposing to observers is disclosed. The information input method according to the present invention provides an action symbol group, a non-action symbol group and a control tool group through a secret information input unit. Users input their desirable information to the action symbol group, as one of movement operation, disappear operation and symbol value increment (decrement) operation is conducted. Although observers watch information input processes, since the information input method of the present invention does not allow the observers to recognize the inputted information, it can basically prevent input information from exposing to observers.



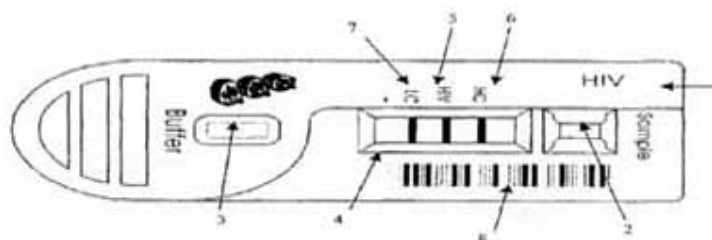
(54) Title of the invention : "QUANTITATIVE LATERAL FLOW SYSTEM AND ASSAY"

(51) International classification :A01N 1/02
 (31) Priority Document No :60/576,327
 (32) Priority Date :02/06/2004
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2005/019348
 Filing Date :02/06/2005
 (87) International Publication No :WO 2005/117556
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :
1)RELLA DIAGNOSTIC SYSTEMS, LLC
 Address of Applicant :ONE MARKET,SUITE 1475,STEURAT
 TOWER SAN FRANCISCO,CA 94105 U.S.A.
 (72)Name of Inventor :
1)ZHOU SILIANG
2)RUTTER WILLIAM J
3)LIU NING

(57) Abstract :

The present invention relates to a lateral flow assay and system, including a test strip, for detection and quantification of analytes in samples, such as samples containing cells and fluid, where the assay is volume independent, and the sample size is less than about 100 μ I, where the test strip includes a first membrane such as a sample filter, that is in capillary contact with an optional second membrane, such as a fluid collector, the second membrane, if present is in capillary contact with an optional third membrane, such as a conjugate pad containing a mobilizable detectable agent, or with a fourth membrane, which is a chromatographic strip, which optionally contains a mobilizable detectable agent, all such membranes being in fluid contact with a fifth membrane, such as a buffer pad, a sixth membrane, such as an absorbent pad, optionally a seventh membrane, which is also an absorbent pad, a capture band for capturing the analyte and at least one control band, for alternatively, the chromatographic strip contains the mobilizable detectable agent in place of a conjugate pad, where the test strip is configured to support removal of red blood cells from the sample and to allow uni-directional or bi-directional fluid flow of fluid from the sample filter to the capture band to be retained therein and detected thereon.



Port-1: Used for adding sample or buffer in indirect bi-lateral flow assay

Port-2: Used for adding sample or buffer in sandwich bi-lateral flow assay

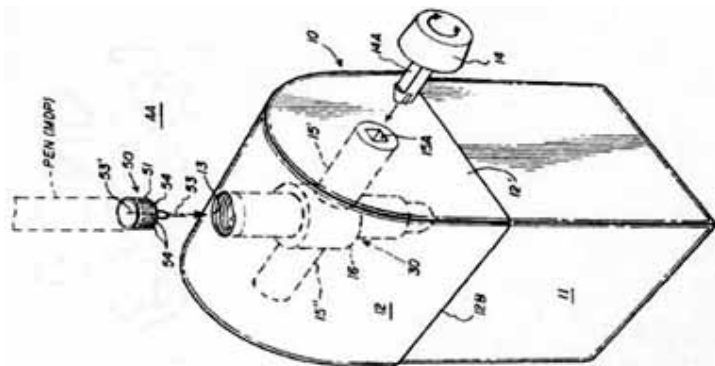
(54) Title of the invention : "SHARPS CONTAINER FOR 'NO TOUCH' SEQUENTIAL SAFE STORAGE OF USED PEN NEEDLES"

(51) International classification :A61M 5/32
 (31) Priority Document No :10/862,835
 (32) Priority Date :07/06/2004
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2005/0200085
 Filing Date :07/06/2005
 (87) International Publication No :WO 2005/120611
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :
1)ULTIMED ,INC.
 Address of Applicant :287 EAST SIXTH
 STREET,ST.PAUL,MN55101 U.S.A.
 (72)Name of Inventor :
1)ERICKSON THOMAS E
2)ERICKSON JAMES J
3)BACHYMAN TIMOTHY A

(57) Abstract :

A sharps container for safe reception and storage of used pen needles and used medical syringes may comprise a housing which supports a rotatable member. A used pen needle receiving and ejecting apparatus may be connected to the rotatable member. Used pen needles may be inserted into the receiving apparatus. As the receiving and ejecting apparatus is rotated, a cam follower connected to the ejecting apparatus may engage a cam within the housing to cause the ejection of the used pen needle from the receiving apparatus into the housing. The rotatable member may also have an elongated recess sized to receive a medical syringe. Manual rotation of the rotatable member may rotate the elongated recess to drop the medical syringe into the housing.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.3954/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :29/12/2006

(43) Publication Date : 22/06/2007

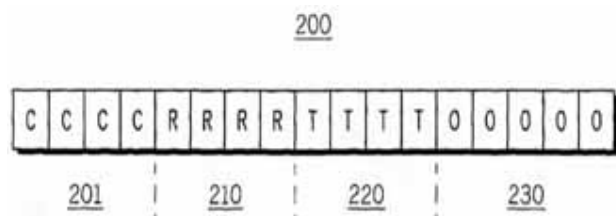
(54) Title of the invention : "METHOD AND APPARATUS FOR RESOURCE ALLOCATION"

(51) International classification :H04L 12/56
(31) Priority Document No :0416590.8
(32) Priority Date :26/07/2004
(33) Name of priority country :U.K.
(86) International Application No :PCT/US2005/024349
Filing Date :08/07/2005
(87) International Publication No :WO 2006/019631
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)MOTOROLA, INC
Address of Applicant :1303,EAST ALGONQUIN ROAD
SCHAUMURG,ILLINOIS 60196, U.S.A.
(72)**Name of Inventor :**
1)MOLKDAR, DAVOOD

(57) Abstract :

The present invention provides a method of intelligent placement of packet users for resource allocation, wherein a set T of time slots is defined from which to preferably select in the event of a slot theft. Short lived packet users are then placed in said time slots of set T. Advantageously, defining a set of slots more likely to be stolen and placing within them those packet users that are likely to soon end their connection reduces the overall impact of slot theft on the current packet users.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.3955/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :29/12/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : "CURTAIN COATING PROCESS USING A HIGH SOLIDS CONTENT COMPOSITON, AND COATED PRODUCT"

(51) International classification

:D21H 23/

(31) Priority Document No

:0416900.9

(32) Priority Date

:29/07/2004

(33) Name of priority country

:U.K.

(86) International Application No

:PCT/GB2005/002947

Filing Date

:27/07/2005

(87) International Publication No

:WO 2006/010927

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)ARJO WIGGINS FINE PAPERS LIMITED

Address of Applicant :BUTLER'S COURT,WATTLETON ROAD,
BEACONSFIELD,BUCKINGHAMSHIRE HP91 RT U.K.

(72)Name of Inventor :

1)BARCOCK, RICHARD,A

2)WARD-ASKEY,ANDREW

(57) Abstract :

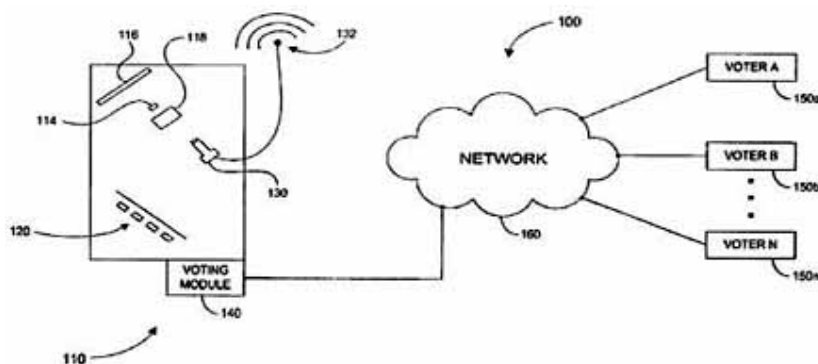
The invention relates to a curtain coating process for coating substrates with a stable curtain and a uniform coating at low flow rates wherein a free-falling curtain of an aqueous composition comprising a high solids content is coated onto the moving substrate at a flow rate per unit die length value (Q) equal to or inferior to 10 m/(s.m), the said high solids content composition comprising a polymeric methodology modifier and a non-ionic surfactant. The invention relates in particular to a curtain coating process for coating fibrous substrates such as paper or board. The invention also relates to a coated product.

(54) Title of the invention : "GAME SHOW SYSTEM AND METHOD FOR CONDUCTING SAME"

(51) International classification	:G06F17/00; G06F19/00	(71)Name of Applicant :
(31) Priority Document No	:10/859,869	1)PENNER, JOSEPH
(32) Priority Date	:02/06/2004	Address of Applicant :2700,NEISON WAY,#321 SANTA
(33) Name of priority country	:U.S.A.	MONICA,CALIFORNIA 90405, U.S.A.
(86) International Application No	:PCT/US2005/016874	(72)Name of Inventor :
Filing Date	:12/05/2005	1)PENNER, JOSEPH
(87) International Publication No	:WO 2005/121997	2)PENNER,ETHAN
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method for conducting a game and a game show system are disclosed. The method includes presenting an investment opportunity from each of a plurality of contestants to a mass-media audience, and determining one or more winning investment opportunities from the investment opportunities presented. The winning investment opportunity has a potential to receive an investment commitment.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.3957/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :29/12/2006

(43) Publication Date : 22/06/2007

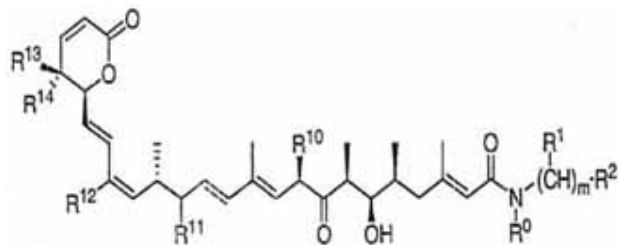
(54) Title of the invention : "LEPTOMYCIN COMPOUNDS"

(51) International classification :A61K 31/535
(31) Priority Document No :60/577,253
(32) Priority Date :03/06/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/019591
Filing Date :03/06/2005
(87) International Publication No :WO 2005/117894
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)KOSAN BIOSCIENCES INCORPORATED
Address of Applicant :3832 BAY CENTER PLACE,HAYWARD,CA
94545, U.S.A.
(72)Name of Inventor :
1)DONG STEVEN D.
2)SANTI DANIEL V
3)MYLES DAVID C.
4)HEARN BRIAN

(57) Abstract :

Leptomycin-type compounds according to formula I wherein R₀, R₁, R₂, R₁₀ R₁₁ R₁₂ R₁₃ R₁₄, and m are as defined herein, exhibit anti-tumor activity,



(12) PATENT APPLICATION PUBLICATION

(21) Application No.3958/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :29/12/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : "RUGGEDIZED DIGITAL LOW-LIGHT VIEWING DEVICE"

(51) International classification	:F21L2/00; F21L2/00
(31) Priority Document No	:60/621,415
(32) Priority Date	:22/10/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2005/038652
Filing Date	:24/10/2005
(87) International Publication No	:WO 2006/047630
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)XENONICS, INC.

Address of Applicant :2236 RUTHERFORD ROAD,SUITE 123,
CARLSBAD ,CA 92008 U.S.A.

(72)Name of Inventor :

1)PALMER GRAY

2)KENNEDY JEFFREY

3)FORSHAGER GORAN

(57) Abstract :

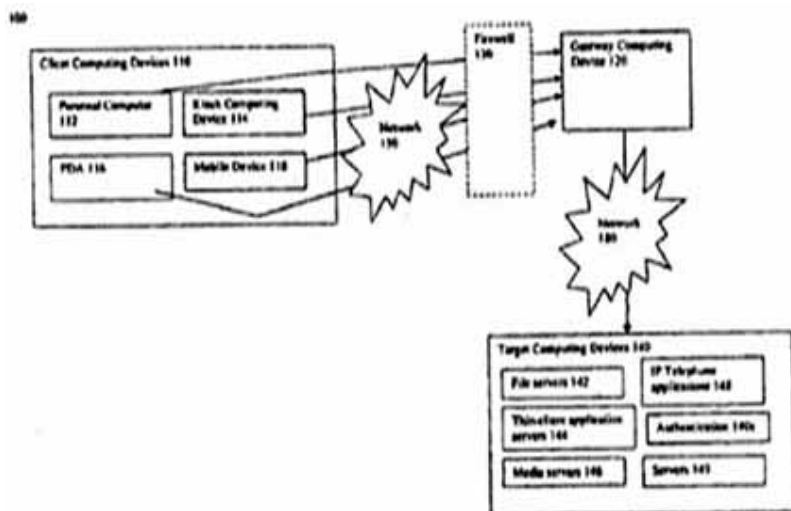
A digital low-light viewing device comprises a housing having a first end and an opposing second end, the first end defining an optical input aperture and the second end defining an optical output aperture; an infra-red camera assembly responsive to low intensity light and infra red energy received via the input aperture for generating an output image; a signal processor coupled to the camera assembly for processing the output image; a display assembly coupled to the camera assembly for displaying the processed image; a zoom lens assembly coupled to the camera assembly for electronically variably focusing the output image; and control electronics responsive to a control mechanism disposed on a surface of the housing for controlling operating functions of the low-light viewing device, the control mechanism navigable via a user's digit for controlling the operating functions.

(54) Title of the invention : "A METHOD AND SYSTEMS FOR SECURING REMOTE ACCESS TO PRIVATE NETWORKS"

(51) International classification	:H04L12/56; H04L29/06	(71)Name of Applicant :
(31) Priority Document No	:60/590,837	1)CITRIX SYSTEMS, INC
(32) Priority Date	:23/07/2004	Address of Applicant :851 WEST CYPRESS CREEK ROAD FORT LAUDERDALE,FL 33309, U.S.A.
(33) Name of priority country	:U.S.A.	(72)Name of Inventor :
(86) International Application No	:PCT/US2005/026300	1)RAO GOUTHAM P
Filing Date	:22/07/2005	2)BRUEGGEMANN ERIC
(87) International Publication No	:WO 2006/012612	3)RODRIGUEZ ROBERT
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method for securing remote access to private networks includes the step of intercepting from a data link layer a packet in a first plurality of packets destined for a first system on a private network. A packet in a second plurality of packets transmitted from a second system on the private network destined for a system on a second network is intercepted from the data link layer. A network address translation is performed on at least one intercepted packet and the at least one intercepted packet is transmitted to a destination, responsive to an application of a policy to the intercepted packet. An intercepted packet may be transmitted to a client application, responsive to a filtering table or modified routing table, for transmission to a destination system, responsive to an application of a policy. The client application may reside on a gateway computing device, on a client computing device, or on a peripheral device.

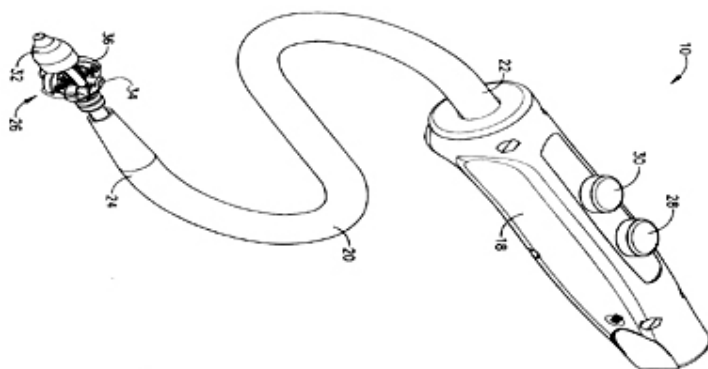


(54) Title of the invention : ANASTOMOTIC RING APPLIER DEVICE UTILIZING AND ELECTROACTIVE POLYMER

(51) International classification	:A61B17/11	(71)Name of Applicant :
(31) Priority Document No	:11/120854	1)ETHICON ENDO-SURGERY, INC.
(32) Priority Date	:03/05/2005	Address of Applicant :4545 CREEK ROAD CINCINNATI, OH
(33) Name of priority country	:U.S.A.	45242 U.S.A.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)MARK S. ORTIZ
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A surgical instrument is operable to deploy an anastomotic ring device. The instrument comprises a ring deployment mechanism configured to receive and deploy the anastomotic ring through an actuating force. The instrument further comprises an electroactive polymer that is configured to receive voltage from a power source. The electroactive polymer is configured to convert the voltage to a mechanical actuating force. The electroactive polymer is further configured to apply the actuating force to the ring deployment mechanism to deploy the anastomotic ring.

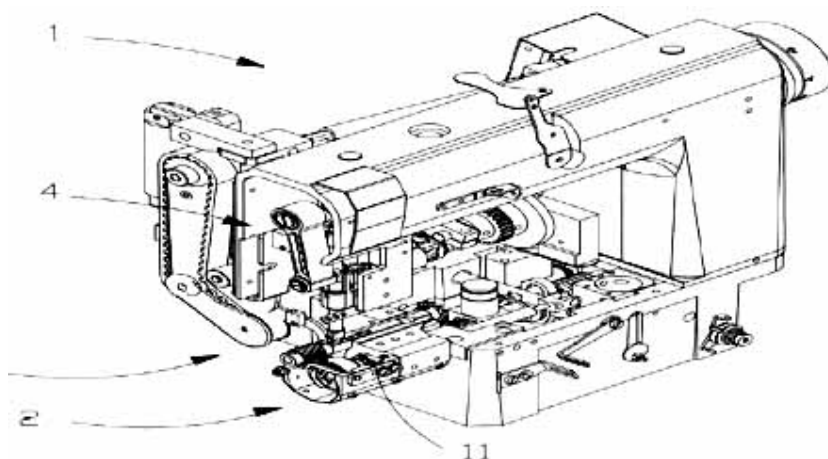


(54) Title of the invention : SEWING MACHINE WITH A BASE DESIGNED TO HOLD INTERCHANGEABLE MEANS FOR SEWING FABRICS USING DIFFERENT TYPES OF STITCH

(51) International classification	:D05B57/00	(71)Name of Applicant :
(31) Priority Document No	:VR2005A000056	1)VI.BE.MAC.S.P.A
(32) Priority Date	:06/05/2005	Address of Applicant :Via Monte Pastello, 7/1, 37057 SAN
(33) Name of priority country	:Italy	GIOVANNI LUPATOTO (VERONA) Italy
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)GUERRESCHI CARLO
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

This is a sewing machine (1), preferably of the industrial type, with a base (2) designed to mechanically sew two pieces of fabric together using different types of sewing stitch by simply and quickly replacing a few components housed in the base itself (2).

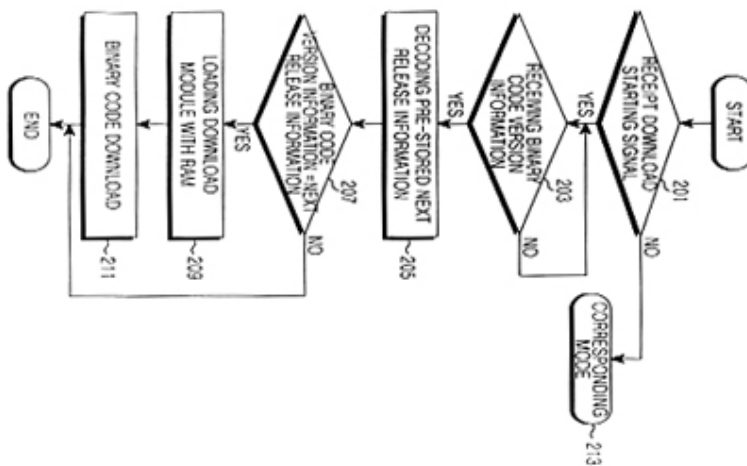


(54) Title of the invention : METHOD FOR PREVENTING BINARY CODE HACKING IN MOBILE COMMUNICATION TERMINAL

(51) International classification	:H04B1/00	(71)Name of Applicant :
(31) Priority Document No	:2005-0067049	1)SAMSUNG ELECTRONICS CO.LTD.,
(32) Priority Date	:23/07/2005	Address of Applicant :416, Maetan-dong, Yeongton-gu, Suwon-Si
(33) Name of priority country	:Republic of Korea	Gyeonggi-do Republic of Korea
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)LEE, Chong-Hoon
(87) International Publication No	: NA	2)NA, Min-Ki
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method for preventing the binary code hacking in a mobile communication terminal is provided. The method for preventing the binary code hacking comprises the steps of, in case of the download mode of the binary code, checking whether the binary code version information to be downloaded is received, decoding pre-stored release information if the binary code version information to be downloaded is received, comparing the next binary code version information included in the decoded release information with the binary code version information to be downloaded, and downloading the binary code if the next binary code version information is the same as the binary code version information to be downloaded.

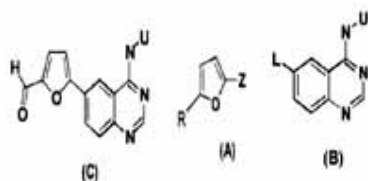


(54) Title of the invention : A PROCESS FOR PREPARING A COMPOUND

(51) International classification	:C07H5/06	(71)Name of Applicant :
(31) Priority Document No	:60/215,508	1)GLAXO GROUP LIMITED.
(32) Priority Date	:30/06/2000	Address of Applicant :GLAXO WELLCOME HOUSE, BERKELEY
(33) Name of priority country	:U.S.A.	AVENUE, GREENFORD, MIDDLESEX, UB6 0NN, U.K.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)MCCLURE MICHAEL SCOTT
(87) International Publication No	: NA	2)OSTERHOUT MARTIN HOWARD
(61) Patent of Addition to Application Number	:NA	3)ROSCHANGAR FRANK
Filing Date	:NA	4)SACCHETTI MARK JOSEPH
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A process for preparing a compound of formula (C), comprising the steps of : reacting a compound of formula (A) with a compound of formula (B) to form the compound of formula (C), wherein U is an organic group; and the compound of formula (A) is generated in situ, and L is iodine or bromine; R is -C(Q)(T)W where Q and T are independently selected from -OCH₃, or -OCH₂CH₃ and W is hydrogen; and Z is B(OH)₂; or the compound of formula (A) is generated in situ, and L is iodine or bromine; R is -C(O)H, and Z is B(OH)₂; or the compound of formula (B) is generated in situ, and L is B(OH)₂; R is -C(O)H; and Z is bromine; or the compound of formula (B) is reacted with the compound of formula (A) regioselectively, where neither of the compounds of formula (A) or (B) is generated in situ, and L is iodine or bromine; R is -C(O)H; and Z is hydrogen.

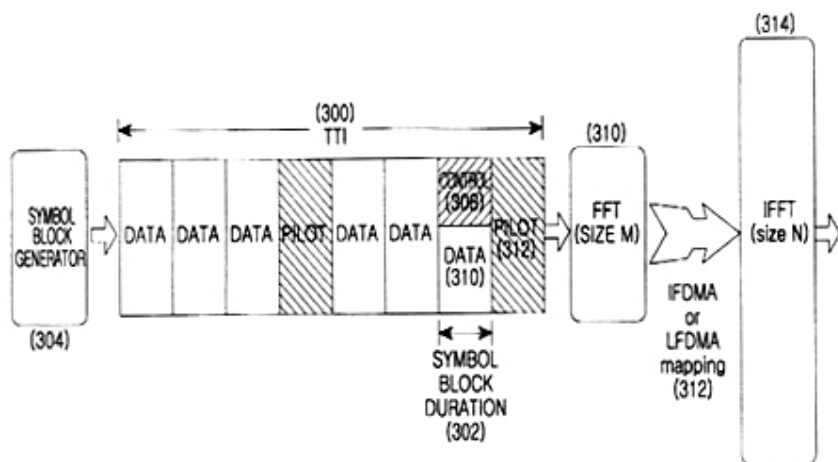


(54) Title of the invention : METHOD AND APPARATUS FOR MULTI PLEXING DATA AND CONTROL INFORMATION IN WIRELESS COMMUNICATION SYSTEMS BASED ON FREQUENCY DIVISION MULTIPLE ACCESS

(51) International classification	:H04Q11/04	(71)Name of Applicant :
(31) Priority Document No	:3/294/2005	1)SAMSUNG ELECTRONICS CO.LTD.,
(32) Priority Date	:03/05/2005	Address of Applicant :416, MAETAN-DONG, YEONGTONG-GU
(33) Name of priority country	:Republic of Korea	SUWON-SI, GYEONGGI-DO Republic of Korea
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)Joon-Young CHO
(87) International Publication No	: NA	2)Ju-Ho-LEE
(61) Patent of Addition to Application Number	:NA	3)Hwan-Joon KWON
Filing Date	:NA	4)Yun-Ok CHO
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An apparatus for transmitting data in a frequency division multiple access based communication system is disclosed. The apparatus includes a symbol block generator for generating a symbol block in a predetermined symbol block period within one TTI when control information to be transmitted exists in the TTI, an FFT unit for performing FFT on the symbol block, and an IFFT unit for performing IFFT on signals output from the FFT unit and then transmitting the signals. The symbol block includes the control information and data to be transmitted. The TTI includes multiple symbol block periods..

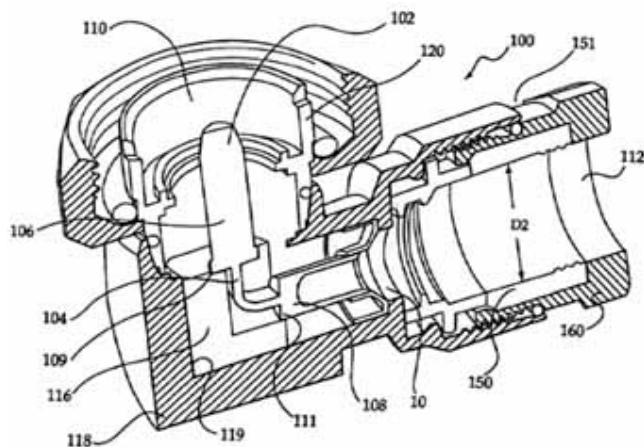


(54) Title of the invention : "COAXIAL CONNECTOR HAVING STEERING INSULATOR"

(51) International classification	:H01R9/05	(71)Name of Applicant :
(31) Priority Document No	:11/145,764	1)JOHN MEZZALINGUA ASSOCIATES, INC.
(32) Priority Date	:06/06/2005	Address of Applicant :6176 EAST MOLLOY ROAD EAST
(33) Name of priority country	:U.S.A.	SYRACUSE NEW YORK 13057-0278 U.S.A.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)PETERSEN EBBE K.
(87) International Publication No	: NA	2)JOHNSEN JENS T.
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The angled coaxial connector includes an insulator and inner conductor. The steering insulator serves to help guide, align, and locate an inner conductor in the bend of the angled connector. The steering insulator is adapted to receive and retain the inner conductor thereby framing and supporting the conductor. Furthermore, the inner conductor has an angled segment that is milled to have a width and a height, wherein the height of said angled segment is smaller than the width of the angled segment, more particularly, the width is substantially the same size as the diameter of the adjacent segments of the inner conductor. While the illustrated embodiment includes a substantially right angled connector it is understood that the present invention is directed to connectors having either obtuse or acute angles as well.

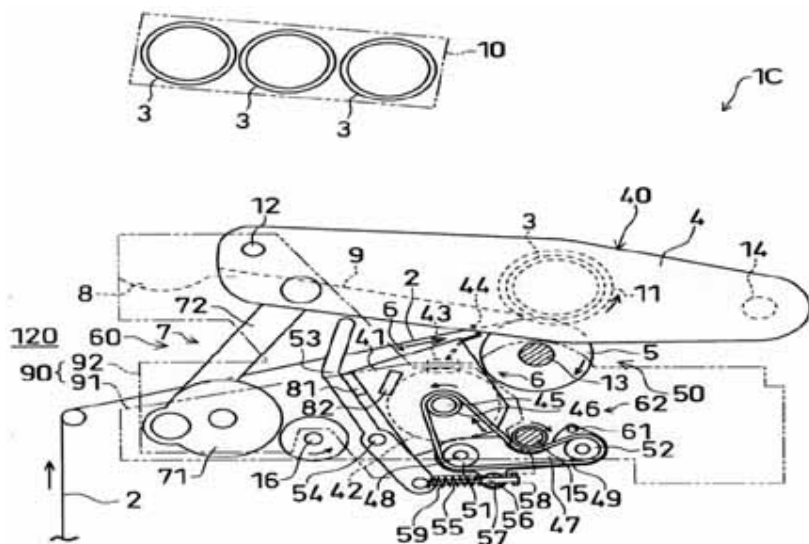


(54) Title of the invention : DRIVING STRUCTURE FOR TRAVERSE DEVICE

(51) International classification	:B65H54/28	(71)Name of Applicant :
(31) Priority Document No	:2005-145162	1)TMT MACHINERY, INC.
(32) Priority Date	:18/05/2005	Address of Applicant :6th FLOOR, OSAKA GREEN BLDG., 2-6-26
(33) Name of priority country	:Japan	KITAHAMA, CHUO-KU, OSAKA-SHI, OSAKA 541-0041 Japan
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)YAMAMOTO MASATO
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

In a configuration in which traverse devices 6 of a plurality of stations are driven by a common traverse driving shaft 15, a belt clutch 62 that connects and disconnects power between the traverse device 6 of each station and the traverse driving shaft 15 is provided for each station. In addition, an operation lever 53 that enables manual connecting and disconnecting operations of the belt clutch 62 for each station is provided for each station.

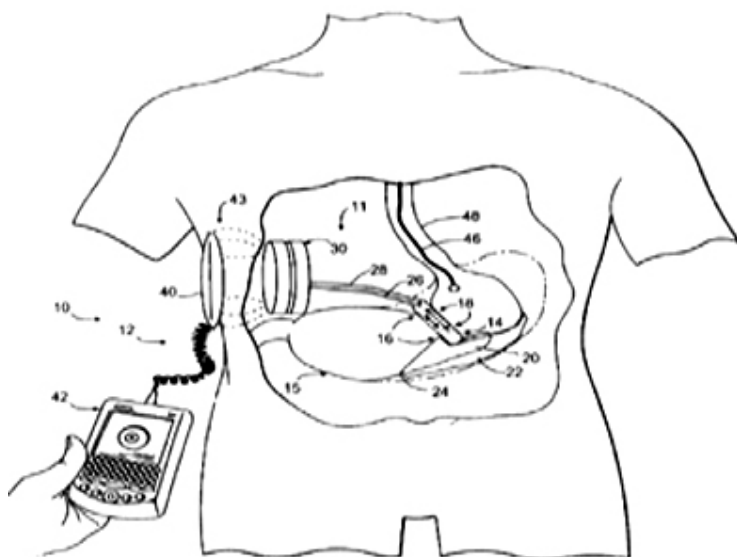


(54) Title of the invention : MAGNETIC RESONANCE IMAGING (MRI) SAFE REMOTELY ADJUSTABLE ARTIFICIAL SPHINCTER

(51) International classification	:G01V3/00	(71)Name of Applicant :
(31) Priority Document No	:11/121912	1)ETHICON ENDO-SURGERY, INC
(32) Priority Date	:04/05/2005	Address of Applicant :4545 CREEK ROAD, CINCINNATI, OH,
(33) Name of priority country	:U.S.A.	OHIO CORPORATION U.S.A.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)William L. Hassler, Jr.
(87) International Publication No	: NA	2)Daniel F. Dlugos, Jr.
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An implantable artificial sphincter system provides long-term adjustment via transcutaneous energy transfer (TET), minimizing invasive adjustment through adding or removing fluid via a syringe. An infuser device provides bi-directional fluid transfer via a flexible conduit to a sphincter band, such as a gastric band. Materials are nonferrous and nonmagnetic so as to be magnetic resonance imaging (MRI) safe, being substantially immune to strong magnetic fields and not introducing an electromagnetic interference/compatibility (EMIC) hazard.



(54) Title of the invention : LED MANUFACTURING PROCESS

(51) International classification

:H01L33/00

(31) Priority Document No

:0941378/4

(32) Priority Date

:28/10/2005

(33) Name of priority country

:Chinese

(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 to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

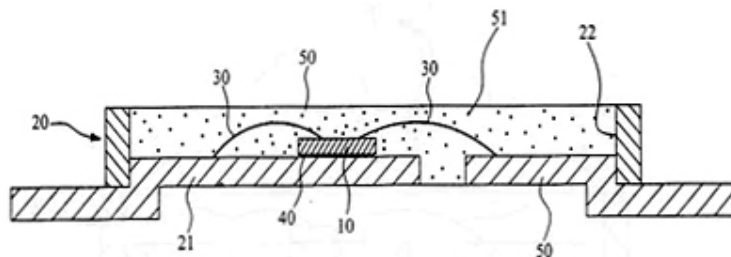
1)TAIWAN OASIS TECHNOLOGY CO. LTD.Address of Applicant :11Fl.,NO.306, Section 4, Hsin Yi Rd. Taipei
China

(72)Name of Inventor :

1)Ming-Shun LEE**2)Ping-Ru SUNG**

(57) Abstract :

An LED manufacturing process involves having a light emitting chip 10 set in a preset loading pit 22 on a carrier 20 with an encapsulating material 50; conductive circuits with different electrodes 21 being disposed of a substrate on the perimeter of the carrier 20; golden plated wire 30 connecting the chip 10 and the circuits; the carrier 20 being then encapsulated using jet printing technique with a mixture of encapsulating material 50 comprised of fluorescent powder 51 and glue to achieve precise control of the range of jet printing for the encapsulating material 50 to be consistently cover up in the carrier 20.

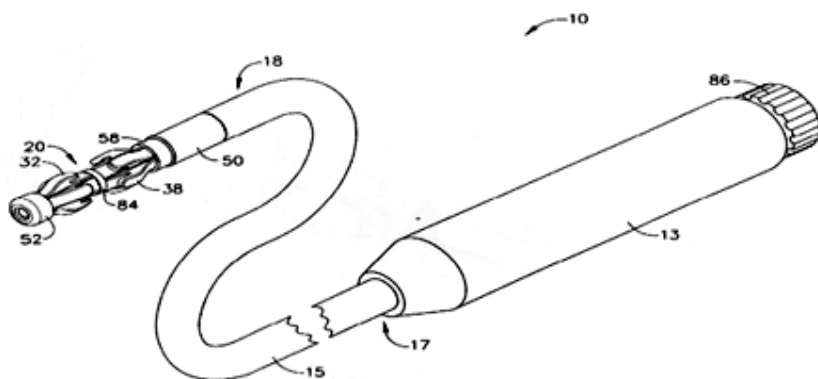


(54) Title of the invention : SCREW TIP CONTROL FOR ANASTOMOTIC RING APLLIER

(51) International classification	:A61B17/12; A61B17/00; A61B17/135	(71)Name of Applicant : 1)ETHICON ENDO-SURGERY, INC Address of Applicant :4545 CREEK ROAD, CINCINNATI OH, 45242 OHIO CORPORATION U.S.A.
(31) Priority Document No	:11/122383	(72)Name of Inventor :
(32) Priority Date	:05/05/2005	1)MARK S. ORTIZ
(33) Name of priority country	:U.S.A.	2)EUGENE L. TIMPERMAN
(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 to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A surgical instrument for applying an anastomotic ring device comprises a handle connected to an anastomotic ring deployment mechanism by a shaft. The shaft has at least one torsion member that is capable of communicating a torsional actuating force from the handle to the ring deployment mechanism. The ring deployment mechanism is configured to actuate in response to torsional actuating force communicated from the torsion member. A threaded shaft or rod may be positioned in the ring deployment mechanism to effect actuation of the ring deployment mechanism in response to torsion.

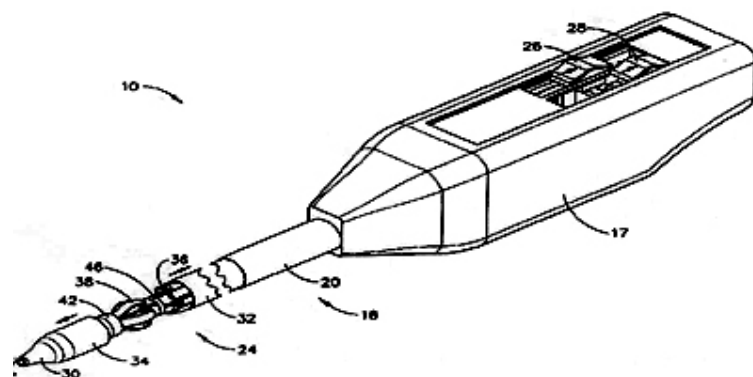


(54) Title of the invention : ANASTOMOTIC RING APPLIER WITH DOUBLE MOTION ACUATION

(51) International classification	:A61B17/12; A61B17/00; A61B17/135	(71)Name of Applicant : 1)ETHICON ENDO-SURGERY, INC Address of Applicant :4545 CREEK ROAD, CINCINNATI, OH 45242 OHIO CORPORATION U.S.A.
(31) Priority Document No	:11/122349	(72)Name of Inventor :
(32) Priority Date	:05/05/2005	1)MARK S. ORTIZ
(33) Name of priority country	:U.S.A.	2)EUGENE L. TIMPERMAN
(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 to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A surgical tool for deploying an anastomotic ring comprises a handle and a ring deployment mechanism at the distal end of a shaft. The ring deployment mechanism has a distal portion and a proximal portion, and is moveable from an unactuated position to an actuated position to deploy an anastomotic ring. To prevent tissue from becoming trapped in the deployment mechanism during insertion or extraction of the tool, distal and proximal sheaths are configured to cover distal and proximal portions of the ring deployment mechanism, respectively. An actuation mechanism in the handle permits advancement of the distal sheath and actuation of the distal portion of the ring deployment mechanism with a single movement of a first actuator slider. The actuation mechanism also permits retraction of the proximal sheath and actuation of the proximal portion of the ring deployment mechanism with a single movement of a second actuator slider.

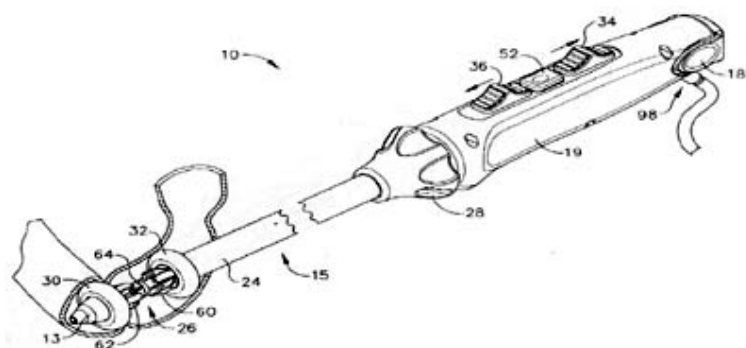


(54) Title of the invention : ANASTOMOTIC RING APPLIER WITH INFLATABLE MEMBERS

(51) International classification	:A61B17/12; A61B17/00; A61B17/135	(71)Name of Applicant : 1)ETHICON ENDO-SURGERY, INC Address of Applicant :4545 CREEK ROAD, CINCINNATI, OH 45242 OHIO CORPORATION U.S.A.
(31) Priority Document No	:11/122761	(72)Name of Inventor :
(32) Priority Date	:05/05/2005	1)Robert H. McKeena
(33) Name of priority country	:U.S.A.	2)Mark S. Ortiz
(86) International Application No	:NA	3)David B Griffith
Filing Date	:NA	4)Robert J. Sims
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A surgical instrument comprises a handle connected to a shaft and a pair of inflatable members. The shaft includes conduits for communicating a pressurized medium to the inflatable members and an insufflation tube. The handle includes a port for communicating a pressurized medium to the conduits and a port for communicating a pressurized medium to the insufflation tube. After an anastomotic ring has been deployed, the shaft may be positioned such that an inflatable member is positioned within each of the lumens joined by the anastomosis, such that an inflatable member is located on each side of the anastomosis. The inflatable members may be inflated to provide a seal in each of the lumens. With each of the lumens sealed by the inflatable members, the anastomosis site may be insufflated through the insufflation tube to leak or pressure test the anastomosis.

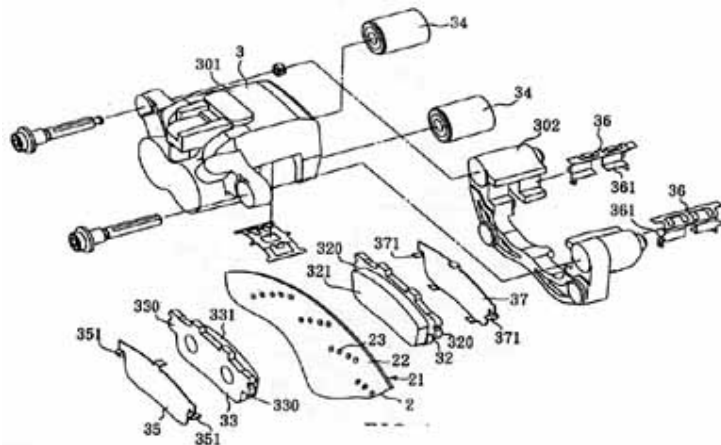


(54) Title of the invention : STRUCTURE OF DISK BRAKE

(51) International classification	:B60T1/02	(71)Name of Applicant :
(31) Priority Document No	:094115108	1)SANYANG INDUSTRY CO. LTD.
(32) Priority Date	:10/05/2005	Address of Applicant :184 KENG TZU KOU, SHANG KENG
(33) Name of priority country	:Argentina	VILLAGE HSIN FONG SHIANG HSINCHU Taiwan
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)GUO RONG-BIN
(87) International Publication No	: NA	2)KUO SHYH-YIH
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A disk brake includes a brake disk mounted on the wheel of a vehicle for synchronous rotation, and a caliper assembly mounted on the frame of the vehicle for driving a first brake pad with a first friction block and a second brake pad with a second friction block to move between two plate springs and to further clamp the brake disk and stop the vehicle, the first and second friction blocks each having two lugs respectively slidably supported on the plate springs, the lugs having a hardness greater than the plate springs to prevent so that the first and second brake pads do not wear quickly with use and the gaps between the first and second brake pads and the plate springs are maintained without change after a long use of the disk brake, eliminating production of noises. (Fig.4)

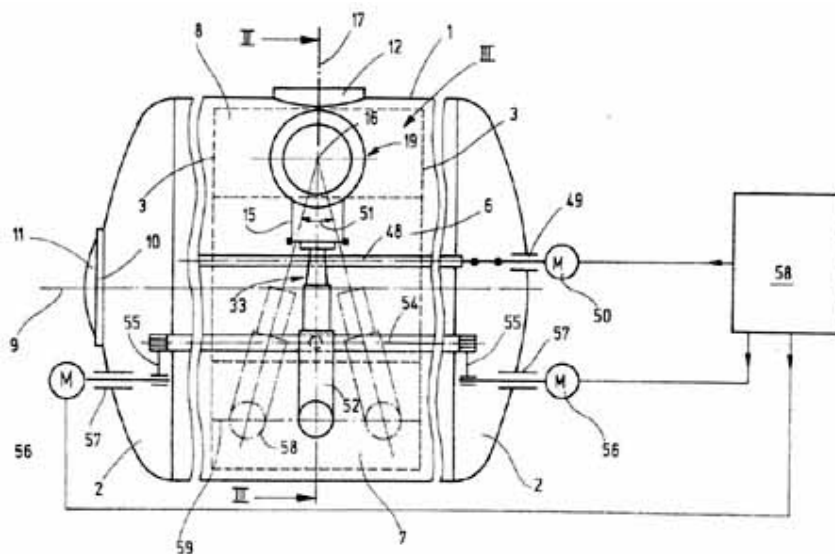


(54) Title of the invention : METHOD AND APPARATUS FOR TREATING TEXTILE GOODS IN ROPE FORM

(51) International classification	:D06B1/00	(71)Name of Applicant :
	:10 2005	1)THEN MASCHINEN GMBH
(31) Priority Document No	022 453.9-26	Address of Applicant :MILCHGRUNDSTR. 32 74523
		SCHWABISCH HALL Germany
(32) Priority Date	:14/05/2005	(72)Name of Inventor :
(33) Name of priority country	:Germany	1)WILHELM CHRIST
(86) International Application No	:NA	2)PETER KORNER
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 a method for treating textile goods in rope form in a closed treatment tank, the textile goods are joined at the ends to form an endless rope. By means of a gaseous stream of feeder medium, made to act on the rope via feed nozzle means, a rotational motion inside the treatment tank is imparted to the rope. The rope emerging from the feed nozzle means is lapped, on entering a J-box located in the treatment tank, by the feed nozzle means itself, which execute a reciprocating motion. Fig. 2



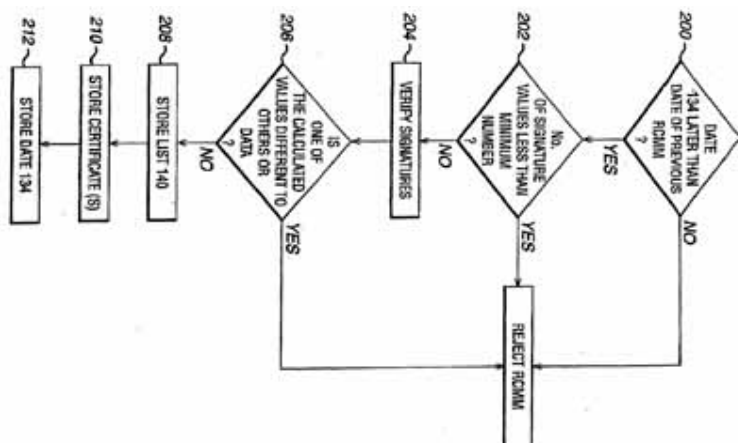
(54) Title of the invention : "A METHOD FOR VERIFYING/AUTHENTICATING DATA TRANSMITTED IN A DIGITAL TRANSMISSION SYSTEM, A RECEIVER/DECODER AND AN APPARATUS THEREFOR"

(51) International classification :H04L9/00
 (31) Priority Document No :00400912.2
 (32) Priority Date :03/04/2000
 (33) Name of priority country :EUROPEAN UNION
 (86) International Application No :NA
 Filing Date :NA
 (87) International Publication No : NA
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :IN/PCT/2002/01213
 Filing Date 24/09/2002

(71)Name of Applicant :
1)CANAL+TECHNOLOGIES SOCIÉTÉ ANONYME,
 Address of Applicant :34, PLACE RAOUL DAUTRY, F-75516,
 PARIS CEDEX 15 France
 (72)Name of Inventor :
1)BEUQUE JEAN BERNARD, GERARD MAURICE
2)POULAIN PHILIPPE

(57) Abstract :

A method and device of authenticating data transmitted in a digital transmission system. Such systems are vulnerable to the dissemination of the key used for encryption/decryption. Prior to transmission, at least two encrypted values are determined for at least some of the data, each encrypted value being determined using a key of a respective encryption algorithm. The data is the output with said at least two encrypted values. This way, the system is robust to the dissemination of keys as long as at least one of the keys remains secret. Also disclosed are a corresponding method and device for verification of data transmitted according to the authentication method.



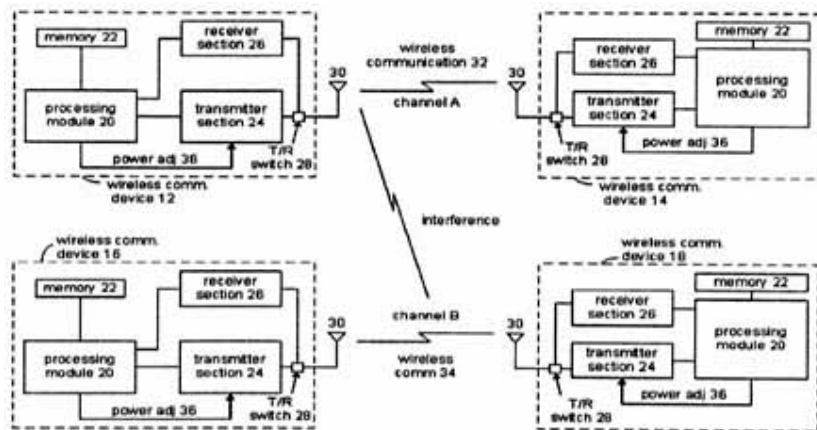
(54) Title of the invention : ADJUSTING TRANSMIT POWER OF A WIRELESS COMMUNICATION DEVICE

(51) International classification : H03C5/00
 (31) Priority Document No : 11/140,860
 (32) Priority Date : 31/05/2005
 (33) Name of priority country : U.S.A.
 (86) International Application No : NA
 Filing Date : NA
 (87) International Publication No : NA
 (61) Patent of Addition to Application Number : NA
 Filing Date : NA
 (62) Divisional to to Application Number : NA
 Filing Date : NA

(71) **Name of Applicant :**
1) VIXS SYSTEMS, INC.
 Address of Applicant : PARKWAY PLACE, 245 CONSUMERS
 ROAD SUITE 301, TORONTO, ONTARIO M2J 1R3 Canada
 (72) **Name of Inventor :**
1) GIRARDEAU JAMES WARD, JR.
2) KELTON JAMES ROBERT

(57) Abstract :

A method for adjusting transmit power of a wireless communication device begins by determining requirements of a wireless communication between the wireless communication device and a receiving wireless communication device. The method continues by determining whether a current transmit power level of the wireless communication can be lowered without adjusting the requirements of the wireless communication. The method continues by when the current transmit power level of the wireless communication can be lowered without adjusting the requirements of the wireless communication, adjusting the current transmit power level to a second transmit power level, wherein the second transmit power level is less than the current transmit power level.



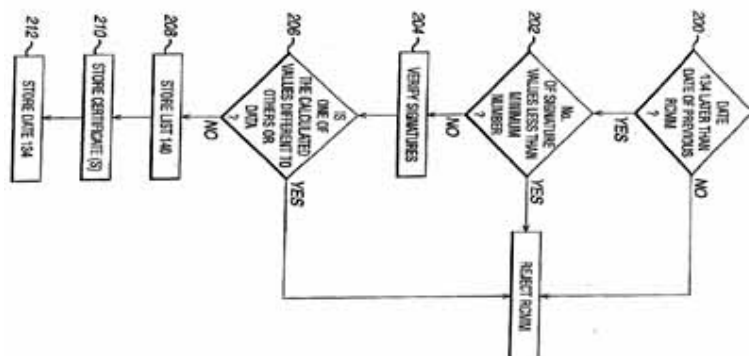
(54) Title of the invention : A METHOD AND APPARATUS FOR FORMING A DIGITAL DATA STREAM COMPRISING DIGITAL DATA AND DIGITAL AUDIOVISUAL INFORMATION

(51) International classification :H04L9/00
 (31) Priority Document No :00400912.2
 (32) Priority Date :03/04/2000
 (33) Name of priority country :EUROPEAN UNION
 (86) International Application No :NA
 Filing Date :NA
 (87) International Publication No : NA
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :IN/PCT/2002/01213
 Filing Date :24/09/2003

(71)Name of Applicant :
1)CANAL + TECHNOLOGIES SOCIETE ANONYME,
 Address of Applicant :34, PLACE RAOUL DAUTRY, F-75516
 PARIS CEDEX 15, France
 (72)Name of Inventor :
1)BEUQUE JEAN-BERNARD, GERARD MAURICE
2)POULAIN PHILIPPE

(57) Abstract :

A method and device of authenticating data transmitted in a digital transmission system. Such systems are vulnerable to the dissemination of the key used for encryption/decryption. Prior to transmission, at least two encrypted values are determined for at least some of the data, each encrypted value being determined using a key of a respective encryption algorithm. The data is the output with said at least two encrypted values. This way, the system is robust to the dissemination of keys as long as at least one of the keys remains secret. Also disclosed are a corresponding method and device for verification of data transmitted according to the authentication method.



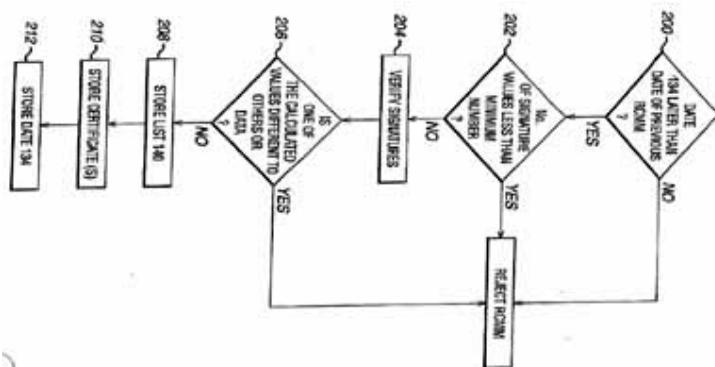
(54) Title of the invention : "A METHOD FOR VERIFYING / AUTHENTICATING DATA TRANSMITTED IN A DIGITAL TRANSMISSION SYSTEM, A RECEIVER / DECODER AND AN APPARATUS THEREOF"

(51) International classification : G09C1/00
 (31) Priority Document No : 00400912.2
 (32) Priority Date : 03/04/2000
 (33) Name of priority country : EUROPEAN UNION
 (86) International Application No : NA
 Filing Date : NA
 (87) International Publication No : NA
 (61) Patent of Addition to Application Number : NA
 Filing Date : NA
 (62) Divisional to to Application Number :
 Filing Date : IN/PCT/2002/01213
 24/09/2003

(71) Name of Applicant :
1) CANAL + TECHNOLOGIES SOCIETE ANONYME,
 Address of Applicant : 34, PLACE RAOUL DAUTRY, F-75516
 PARIS CEDEX 15, France
 (72) Name of Inventor :
1) BEUQUE JEAN-BERNARD, GERARD MAURICE
2) POULAIN PHILIPPE

(57) Abstract :

A method and device of authenticating data transmitted in a digital transmission system. Such systems are vulnerable to the dissemination of the key used for encryption/decryption. Prior to transmission, at least two encrypted values are determined for at least some of the data, each encrypted value being determined using a key of a respective encryption algorithm. The data is the output with said at least two encrypted values. This way, the system is robust to the dissemination of keys as long as at least one of the keys remains secret. Also disclosed are a corresponding method and device for verification of data transmitted according to the authentication method.

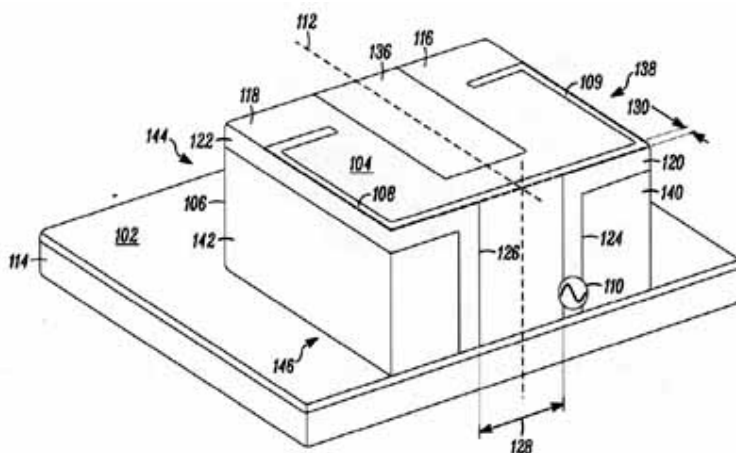


(54) Title of the invention : ANTENNA SYSTEM

(51) International classification	:H01Q1/32	(71)Name of Applicant :
(31) Priority Document No	:11/168,950	1)MOTOROLA, INC.
(32) Priority Date	:28/06/2005	Address of Applicant :1303 EAST ALGONQUIN ROAD,
(33) Name of priority country	:U.S.A.	SCHAUMBURG, ILLINOIS 60196 U.S.A.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)CHAN YIU KWONG
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A wireless communication device (600) with an antenna system (602) is disclosed. The antenna system (100) is an internal antenna with broadband characteristics which provides coverage over multiple frequency bands. The antenna system (100) has a finite ground surface (102), an elongated conductor (104) supported by a dielectric spacer (106), and at least one series signal feed (110).



(54) Title of the invention : INK FOUNT DEVICE

(51) International classification	:B41F31/00
(31) Priority Document No	:146442/2005
(32) Priority Date	:19/05/2005
(33) Name of priority country	:Japan
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)KOMORI CORPORATION

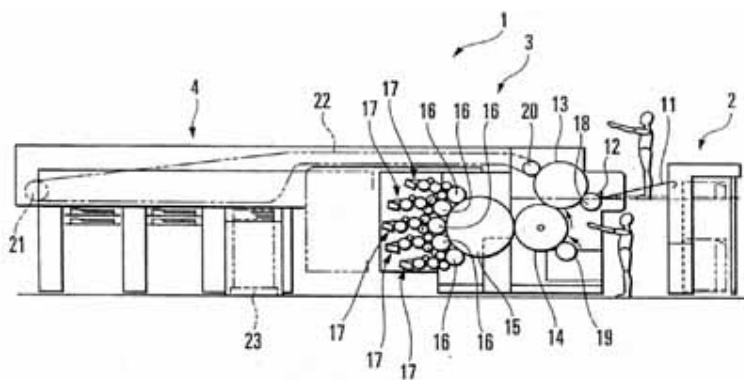
Address of Applicant :11-1, AZUMABASHI 3-CHOME, SUMIDA-KU, TOKYO Japan

(72)Name of Inventor :

1)KUSAKA, AKEHIRO

(57) Abstract :

An ink fountain device includes a fountain roller, a blade, a pair of ink dams, a compression coil spring, and a fountain roller moving device. The fountain roller is rotatably supported by an eccentric bearing. The blade is arranged close to the fountain roller. The distal end of the blade forms a clearance, with respect to an outer surface of the fountain roller, where ink is to be supplied. The pair of ink dams are arranged to be substantially perpendicular to the blade and oppose each other in an axial direction of the fountain roller, and are supported to be movable toward and away from the outer surface of the fountain roller. The compression coil spring biases the ink dams to move toward the outer surface of the fountain roller. The fountain roller moving device pivots the eccentric bearing so as to move the fountain roller. The pair of ink dams are moved by a biasing force of the compression coil spring in a direction substantially perpendicular to a line that connects an axis of the fountain roller and a pivot center of the eccentric bearing.

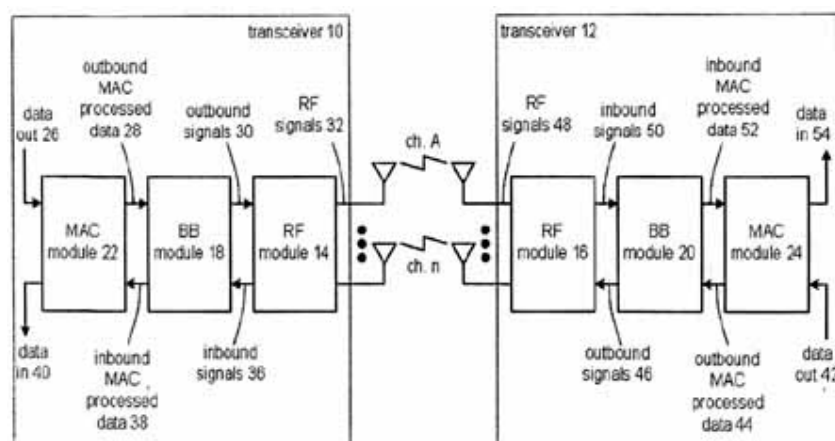


(54) Title of the invention : "INCREASED DATA RATE TRANSMISSION OF A WIRELESS COMMUNICATION "

(51) International classification	:H04J3/08; H04B7/14; H04J1/10	(71)Name of Applicant : 1)VIXS SYSTEMS INC. Address of Applicant :PARKWAY PLACE 245 CONSUMERS ROAD SUITE 301 TORONTO, ONTARIO M2J 1R3 Canada
(31) Priority Document No	:11/148,704	(72)Name of Inventor :
(32) Priority Date	:09/06/2005	1)GIRARDEAU JAMES WARD, JR.
(33) Name of priority country	:U.S.A.	2)WALLACE BRADLEY ARTHUR
(86) International Application No	:NA	3)AARDEMA CHRIS ALAN
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method for receiving high data rate wireless communication transmissions begins by receiving a plurality of radio frequency (RF) signals in accordance with a wireless communication standardized data rate on a plurality of RF channels. The method continues by converting each of the plurality of RF signals into a plurality of signals. The method continues by processing the plurality of signals at baseband or near baseband into media access control (MAC) data, wherein a number of the plurality of signals corresponds to an integer multiple. The method continues by processing the MAC data at a combination of wireless communication standardized data rates to produce recovered data.



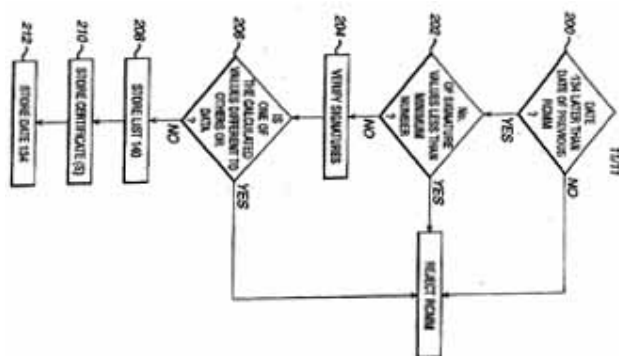
(54) Title of the invention : A METHOD AND APPARATUS FOR AUTHENTICATING/VERIFYING DATA TRANSMITTED IN A DIGITAL TRANSMISSION SYSTEM, A RECEIVER/DECODER

(51) International classification : G09C1/00
 (31) Priority Document No : 00400912.2
 (32) Priority Date : 03/04/2000
 (33) Name of priority country : EUROPEAN UNION
 (86) International Application No : NA
 Filing Date : NA
 (87) International Publication No : NA
 (61) Patent of Addition to Application Number : NA
 Filing Date : NA
 (62) Divisional to to Application Number :
 Filing Date : IN/PCT/2002/01213
 24/09/2003

(71) Name of Applicant :
1) CANAL+TECHNOLOGIES SOCIETE ANONYME
 Address of Applicant : 34 PLACE RAOUL DAUTRY, F-75516
 PARIS CEDEX 15 France
 (72) Name of Inventor :
1) BEUQUE JEAN BERNARD, GERARD MAURICE
2) POULAIN PHILIPPE

(57) Abstract :

A method and device of authenticating data transmitted in a digital transmission system. Such systems are vulnerable to the dissemination of the key used for encryption/decryption. Prior to transmission, at least two encrypted values are determined for at least some of the data, each encrypted value being determined using a key of a respective encryption algorithm. The data is the output with said at least two encrypted values. This way, the system is robust to the dissemination of keys as long as at least one of the keys remains secret. Also disclosed are a corresponding method and device for verification of data transmitted according to the authentication method.



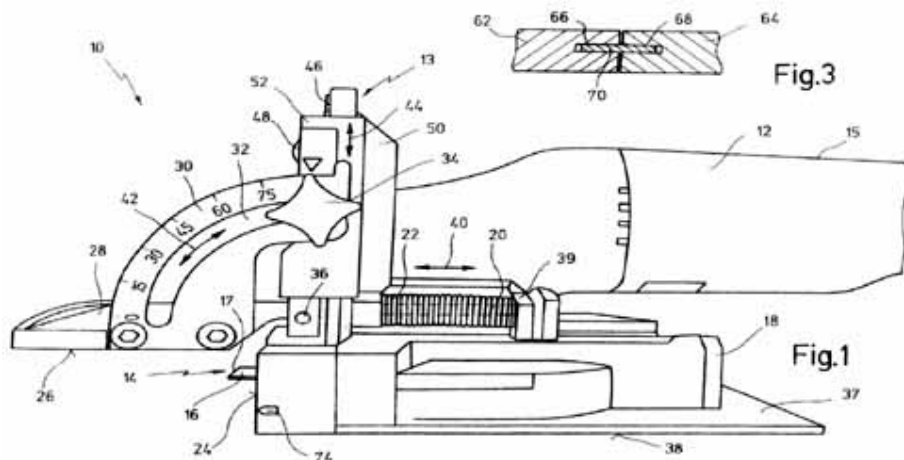
(54) Title of the invention : METHOD AND DEVICE FOR PRODUCING SLOTS IN WORKPIECES

(51) International classification : B27C1/00
 (31) Priority Document No : 102005027195.2
 (32) Priority Date : 06/06/2005
 (33) Name of priority country : Germany
 (86) International Application No : NA
 Filing Date : NA
 (87) International Publication No : NA
 (61) Patent of Addition to Application Number : NA
 Filing Date : NA
 (62) Divisional to to Application Number : NA
 Filing Date : NA

(71)Name of Applicant :
1)C. & E. FEIN GMBH
 Address of Applicant : HANS-FEIN-STRASSE 81, 73529
 SCHWAEBISCH GMUEND-BARGAU. Germany
 (72)Name of Inventor :
1)WALTER THOMASCHESKI

(57) Abstract :

A method and a device for producing slots in workpieces are disclosed. An oscillatory drive (12) is provided, on the output shaft of which a saw blade (14) is accommodated by one end, and at the other end (16) of which a cutting edge (17) is provided. The oscillatory drive (12) is positioned on a workpiece with a defined angle between the workpiece surface and the saw blade (14), the saw blade (14) being driven in an oscillating manner and moved along a guide (72) in a direction extending radially in relation to the output shaft. Connecting elements can be inserted into slots produced on two workpieces in this way so that they match and can be adhesively bonded to the two work-pieces, in order to produce a permanent and precise connection between the workpieces.



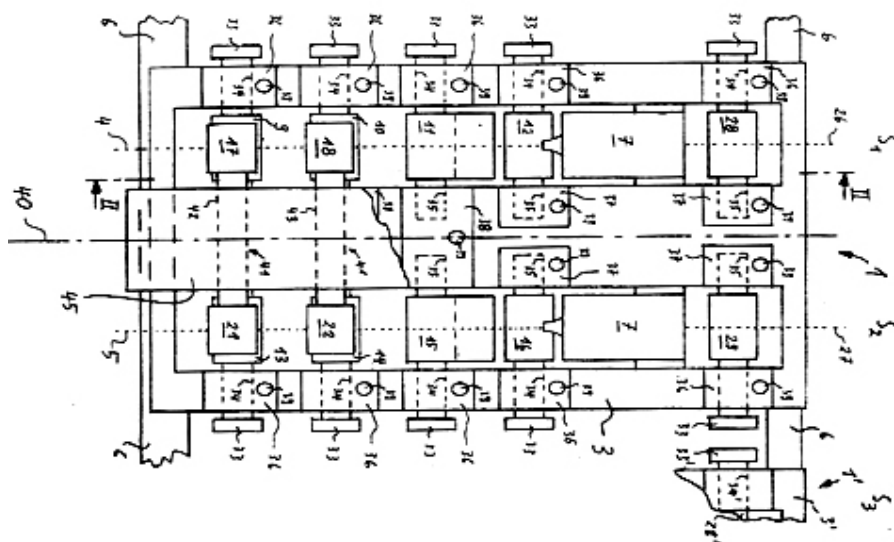
(54) Title of the invention : A TWIN UNIT COMPRISING TWO DRAFTING DEVICES FOR A SPINNING MACHINE

(51) International classification : D01H13/00
 (31) Priority Document No : 102005027193.6
 (32) Priority Date : 06/06/2005
 (33) Name of priority country : Germany
 (86) International Application No : NA
 Filing Date : NA
 (87) International Publication No : NA
 (61) Patent of Addition to Application Number : NA
 Filing Date : NA
 (62) Divisional to to Application Number : NA
 Filing Date : NA

(71) Name of Applicant :
1) MASCHINENFABRIK RIETER AG
 Address of Applicant : Klosterstrasse 20 8406 Winterthur, Switzerland
 (72) Name of Inventor :
1) GERD STAHLER
2) GERNOT SCHAFFLER

(57) Abstract :

A twin unit comprises two drafting devices for drafting fibre strands and is applicable in a spinning machine. The twin unit comprises a common housing for the two driveable drafting devices, whereby the housing is mounted in a detachable way in a machine frame. The drafting devices comprise a number of driveable bottom rollers and are arranged essentially mirror-symmetrical to one another. Each bottom roller comprises an area which drafts the fibre strand and is characterized in that said bottom roller comprises two bearing points. The two bearing points of each bottom roller are arranged one on either side of the area which drafts the fibre strand. In one variation it can be provided that at least two opposite bottom rollers can form a bottom roller pair, in which the bearing points facing to the plane of symmetry of the twin unit are taken up in a joint bearing take-up. In addition it can be provided that a top roller in the form of a twin pressure roller is arranged to a bottom roller pair.

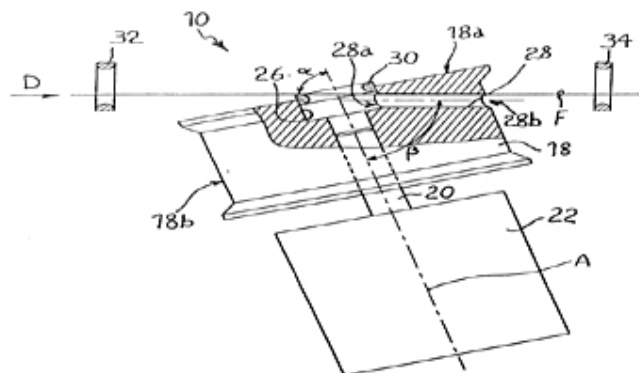


(54) Title of the invention : YARN-RECOVERING DEVICE FOR TEXTILE MACHINES

(51) International classification	:B65H75/44	(71)Name of Applicant :	1)L.G.L. ELECTRONICS S.P.A.
(31) Priority Document No	:T02005A000469		Address of Applicant :VIA UGO FOSCOLO, 156, 24024 GANDINO
(32) Priority Date	:07/07/2005		(PROV OF BERGAMO)ITALY Italy
(33) Name of priority country	:Italy	(72)Name of Inventor :	
(86) International Application No	:NA	1)CASTELLI ROSARIO	
Filing Date	:NA	2)GOTTI LUCA	
(87) International Publication No	: NA	3)ZENONI PIETRO	
(61) Patent of Addition to Application Number	:NA		
Filing Date	:NA		
(62) Divisional to to Application Number	:NA		
Filing Date	:NA		

(57) Abstract :

The device is arranged upstream of a textile machine (12) for temporarily recovering a length of yarn previously fed to the machine, and for returning it subsequently. A motorized reel (18) has a substantially axial inlet port (28a) and an outlet port (28b) on its lateral surface (18b), with a passage (28) for the yarn (F) between the ports. The reel (18) is operatable to rotate from a resting configuration, in which it is kept still, to an active, yarn-recovering configuration, in which it is driven in one direction for winding the yarn on itself and recovering it from the machine (12), to a subsequent active, yarn-unwinding configuration, in which it is driven in the opposite direction for unwinding the yarn from itself and returning it to the machine. A position sensor (SP) measures the position of the reel (18) and sends a corresponding measured position signal (meas_pos) to a position control loop (PL) which compares the measured position signal (meas_pos) with a reference position signal (ref_pos) corresponding to a desired position for the motorized reel (18), and drives the reel in such a way as to minimize the difference between the measured position and the desired position.

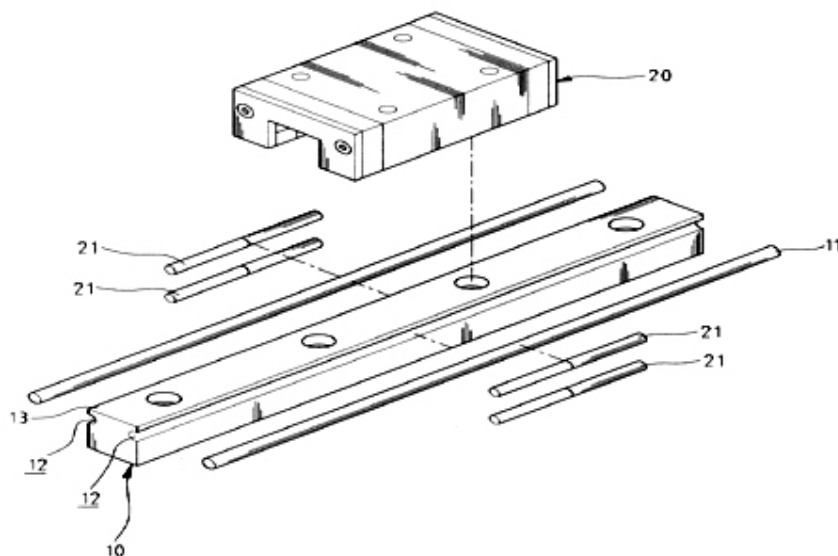


(54) Title of the invention : LOW-FRICTION LINEAR MOTION APPARATUS

(51) International classification	:F16C29/00	(71)Name of Applicant :
(31) Priority Document No	:094207794	1)LIN PEI JEN
(32) Priority Date	:13/05/2005	Address of Applicant :12F-3, 25, SEC. 4, HSINYI ROAD, TAIPEI
(33) Name of priority country	:Argentina	Taiwan
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)LIN PEI JEN
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A low-friction linear motion apparatus includes a track bar having two parallel guide rails on two opposite sides thereof, and a sliding member forming a mating cavity on two opposite undersides thereof and provided with multiple bearing rods on the mating cavities, which rest against the guide rails when the sliding member is slidably fitted over the track bar. At least one side of the sliding member is installed with a clamping device/holder to adjust the interval between the bearing rods and guide rails for minimal friction. Each guide rail is partially set in a parallel slot on each side wall of the track bar and partially exposed for resting against the bearing rods. The sliding member can move along the longitudinal direction of the track bar with little friction due to line contacts or non-circulating point contacts.

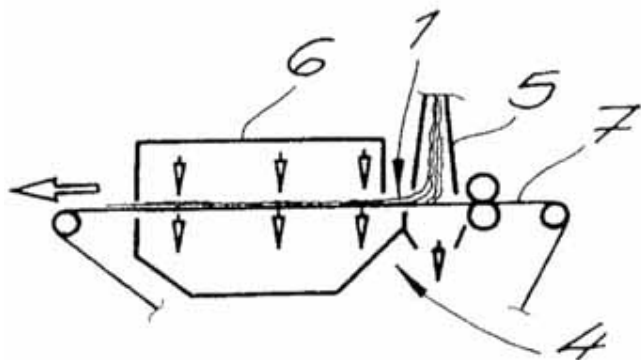


(54) Title of the invention : PROCESS AND APPARATUS FOR MANUFACTURING SPUN-BONDED FABRIC

(51) International classification	:D04H1/50; D04H3/03; D04H1/44	(71)Name of Applicant : 1)REIFENHAUSER GMBH & CO. KG MASCHINENFABRIK Address of Applicant :SPICHER STRASSE 46-48, 53839 TROISDORF Germany
(31) Priority Document No	:05011330.7	(72)Name of Inventor :
(32) Priority Date	:25/05/2005	1)SEBASTIAN SOMMER
(33) Name of priority country	:EPO	2)WILHELM FREY
(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 to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Process of manufacturing spun-bonded fabric, using naturally crimped filaments, whereby the filaments are passed through a stretching unit and finally through a diffuser. The filaments are thereupon layered on a layering device, as crimped filaments. The layered filaments together with the layering device are passed through a solidifying device in which the filaments are solidified by means of a fluid.

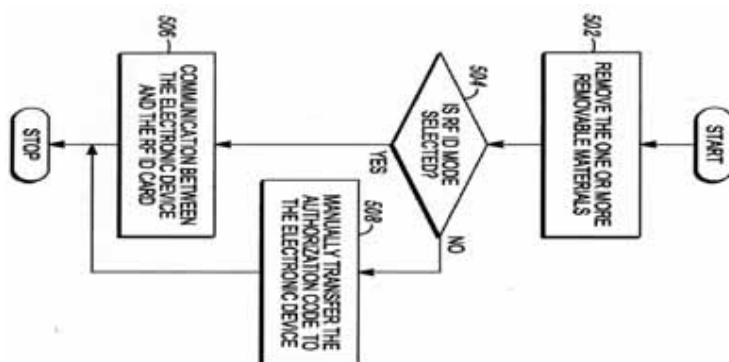


(54) Title of the invention : SYSTEM AND METHOD FOR TRANSFERRING DATA TO AN ELECTRONIC DEVICE

(51) International classification	:H04Q5/00	(71)Name of Applicant :
(31) Priority Document No	:11/170,422	1)MOTOROLA, INC.
(32) Priority Date	:29/06/2005	Address of Applicant :1303 EAST ALGONQUIN ROAD,
(33) Name of priority country	:U.S.A.	SCHAUMBURG, ILLINOIS 60196 U.S.A.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)BLACK GREG R.
(87) International Publication No	: NA	2)BOOS, JOHN
(61) Patent of Addition to Application Number	:NA	3)COLORADO, RAFAEL
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A radio frequency identification (RF ID) tag (202) and a method for communicating data from an RF ID card to an electronic device (102) are disclosed. The RF ID tag comprises one or more removable materials that conceal the data (106). The presence of the one or more removable materials disables the RF ID tag.



(54) Title of the invention : COMMUNICATION DEVICE WITH SINGLE OUTPUT AUDIO TRANSDUCER

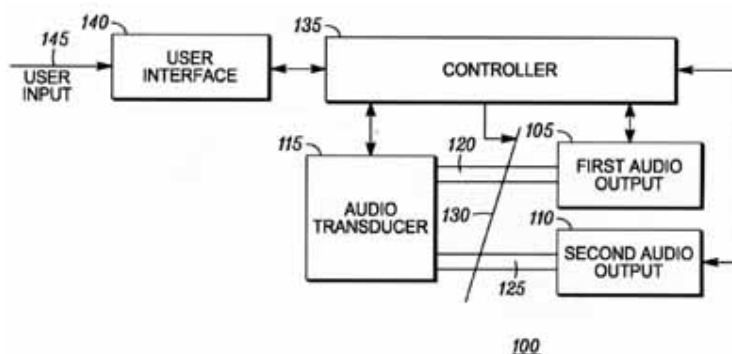
(51) International classification :H04B3/00
 (31) Priority Document No :11/170,358
 (32) Priority Date :29/06/2005
 (33) Name of priority country :U.S.A.
 (86) International Application No :NA
 Filing Date :NA
 (87) International Publication No : NA
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :
1)MOTOROLA, INC.
 Address of Applicant :1303 EAST ALGONQUIN ROAD,
 SCHAUMBURG, ILLINOIS 60196 U.S.A.

(72)Name of Inventor :
1)ZUREK ROBERT A
2)BLACK GREG R.
3)CLARK JOEL A.

(57) Abstract :

A communication device 100 includes a first audio output 105; a second audio output 110; an audio transducer 115 for dual mode use; a shuttered acoustic path 120 coupled between the audio transducer 115 and the first audio output 105; and an attenuated acoustic path 125 coupled between the audio transducer 115 and the second audio output 110.

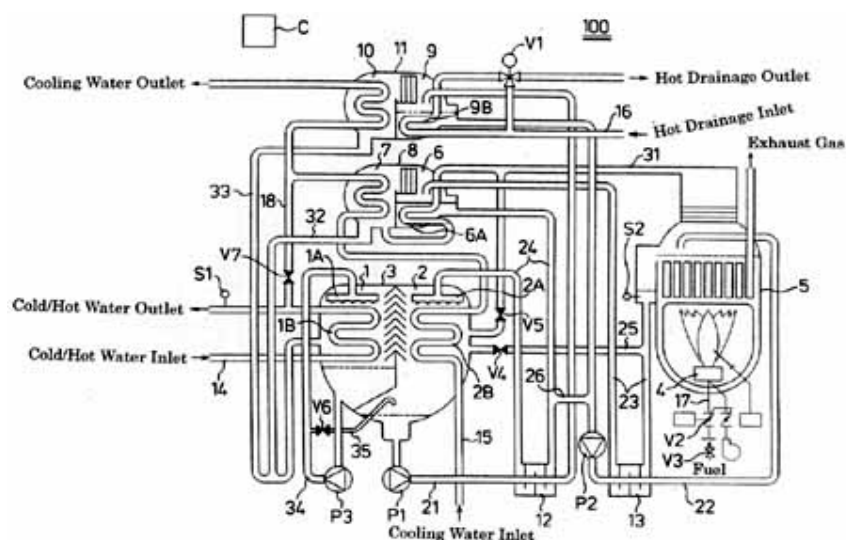


(54) Title of the invention : METHOD FOR OPERATING A SINGLE, DOUBLE EFFECT ABSORPTION REFRIGERATING MACHINE

(51) International classification	:F25B43/04	(71)Name of Applicant :
(31) Priority Document No	:2005-169728	1)SANYO ELECTRIC CO. LTD.
(32) Priority Date	:09/06/2005	Address of Applicant :5-5, KEIHANHONDORI, 2-CHOME,
(33) Name of priority country	:Japan	MORIGUCHISHI, OSAKA-FU Japan
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)UEGOMORI SHINICHI
(87) International Publication No	: NA	2)HOSHINO TOSHIYUKI
(61) Patent of Addition to Application Number	:NA	3)OANA HIDEAKI
Filing Date	:NA	4)SUZUKI YUICHI
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

In a single, double effect absorption refrigerating machine, as to the degree of opening of a fuel control valve (V2) disposed in a fuel supply pipe (17) connected to a gas burner (4), a comparison is made between a valve opening degree V_p determined by a proportional calculation, the proportional calculation being performed using as a variable the temperature of cold water detected by a temperature sensor (S1), i.e., an outlet temperature (t) of cold water discharged from an evaporator (1) and flowing through a cold/hot water pipe (14) after deprived of heat by a refrigerant evaporated in the evaporator (1) and cooled, and a valve opening degree (V_{pid}) determined by PID calculation using the cold water outlet temperature (t) as a variable, then the valve opening degree which is the smaller is selected to control the heating power of the gas burner (4). A temperature variation of cold water cooled in an evaporator and fed to a heat load can be diminished.



(54) Title of the invention : METHOD OF INSERTING A FEEDING TUBE

(51) International classification

:A61B1/015;
A61B1/012

(31) Priority Document No

:11/128 620

(32) Priority Date

:13/05/2005

(33) Name of priority country

:U.S.A.

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

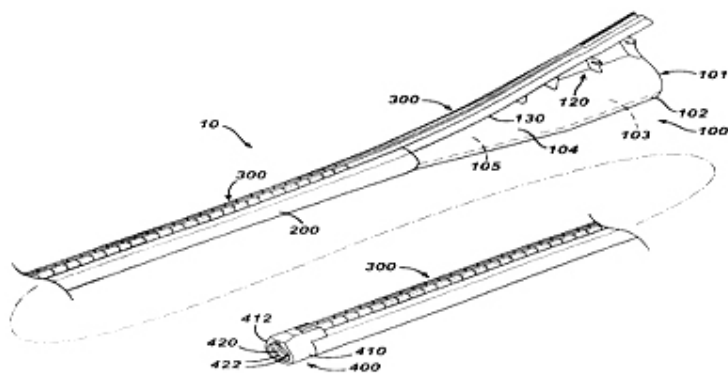
1)ETHICON ENDO-SURGERY, INC.Address of Applicant :4545 CREEK ROAD, CINCINNATI OH,
45242 OHIO CORPORATION. U.S.A.

(72)Name of Inventor :

1)David Stefanchik**2)Douglas O. Faigel**

(57) Abstract :

A medical apparatus and method useful for positioning one or more members within the gastro-intestinal tract is disclosed. The medical apparatus can include a track supported on a sheath sized to receive an endoscope, and a carrier slidable with respect to the track. A feeding tube accessory adapted to slidably engage the carrier is disclosed.



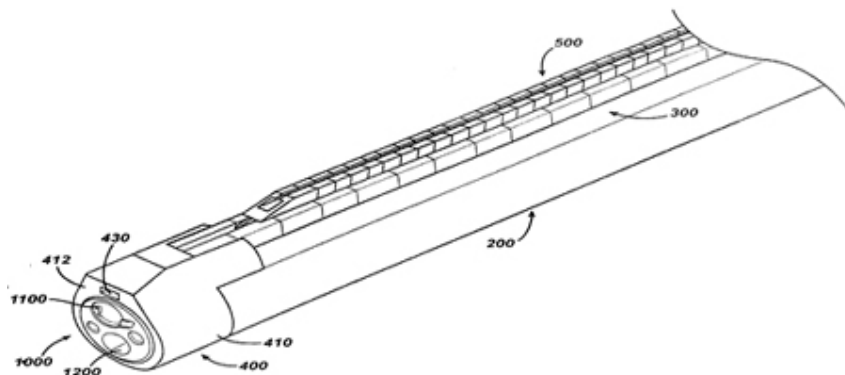
(54) Title of the invention : METHOD OF POSITIONING A DEVICE ON AN ENDOSCOPE

(51) International classification :A61B1/00
 (31) Priority Document No :11/129592
 (32) Priority Date :13/05/2005
 (33) Name of priority country :U.S.A.
 (86) International Application No :NA
 Filing Date :NA
 (87) International Publication No : NA
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :
1)ETHICON ENDO-SURGERY, INC.
 Address of Applicant :4545 CREEK ROAD, CINCINNATI, OH,
 45242 OHIO CORPORATION U.S.A.
 (72)Name of Inventor :
1)David Stefanchik
2)James T. Spivey
3)Omar J. Vakharia
4)Rick D. Applegate

(57) Abstract :

A method for positioning a device, such as an endcap, on an endoscope is disclosed. The method can be used, for example, for facilitating pressing an endcap onto an endoscope, including in those applications where the endoscope is disposed in a sheath and the endcap is positioned at the distal end of the sheath.

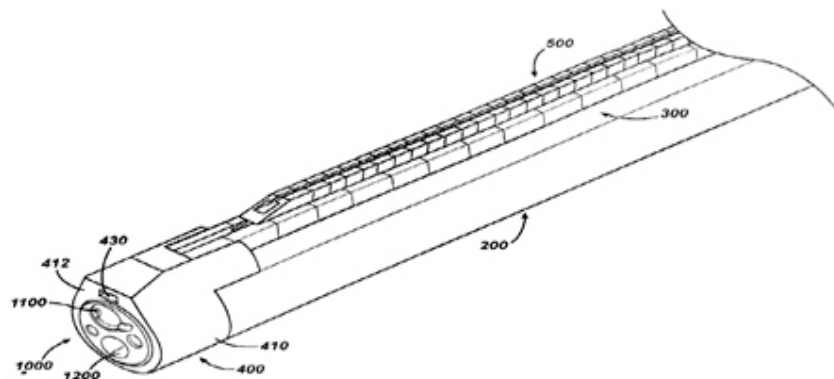


(54) Title of the invention : APPARATUS USEFUL FOR POSITIONING A DEVICE ON AN ENDOSCOPE

(51) International classification	:A61B1/00	(71)Name of Applicant :	1)ETHICON ENDO-SURGERY, INC.
(31) Priority Document No	:11/128704		Address of Applicant :4545 CREEK ROAD, CINCINNATI,
(32) Priority Date	:13/05/2005		OH,45242 OHIO CORPORATION U.S.A.
(33) Name of priority country	:U.S.A.	(72)Name of Inventor :	
(86) International Application No	:NA	1)JAMES T. SPIVEY	
Filing Date	:NA	2)DAVID STEFANCHIK	
(87) International Publication No	: NA	3)OMAR J. VAKHARIA	
(61) Patent of Addition to Application Number	:NA	4)RICK D. APLEGATE	
Filing Date	:NA		
(62) Divisional to to Application Number	:NA		
Filing Date	:NA		

(57) Abstract :

A medical apparatus and method useful for positioning a device, such as an endcap, on an end of an endoscope, is disclosed. The apparatus can exert a pulling force on the endoscope through the endcap while a pushing force is applied to the endcap. The apparatus can be used to press an endcap onto the distal end of an endoscope without grasping by hand a sheath in those applications where the endoscope is disposed in a sheath.

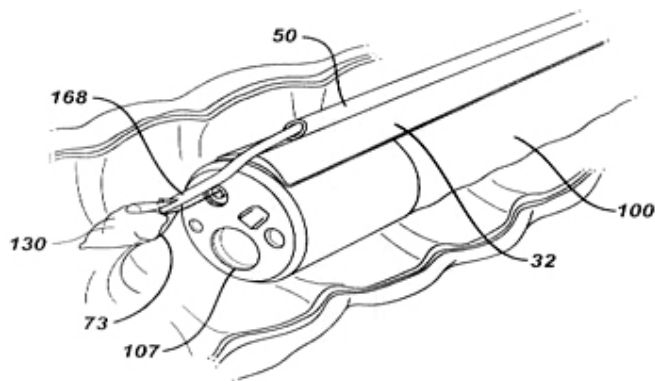


(54) Title of the invention : MEDICAL DEVICES FOR USE WITH ENDOSCOPE

(51) International classification	:A61B1/00	(71)Name of Applicant :
(31) Priority Document No	:11/129601	1)ETHICON ENDO SURGERY, INC.
(32) Priority Date	:13/05/2005	Address of Applicant :4545 CREEK ROAD,CINCINNATI, OH
(33) Name of priority country	:U.S.A.	45242, OHIO CORPORATION U.S.A.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)RUDOLPH H. NOBIS
(87) International Publication No	: NA	2)CHRISTOPHER J. HESS
(61) Patent of Addition to Application Number	:NA	3)DAVID STEFANCHIK
Filing Date	:NA	4)MICHAEL CLEM
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A medical device is provided for use with an endoscope. The medical device can include a tissue resection device comprising an RF cutting wire. The tissue resection device can be supported for proximal and distal movement relative to the endoscope.

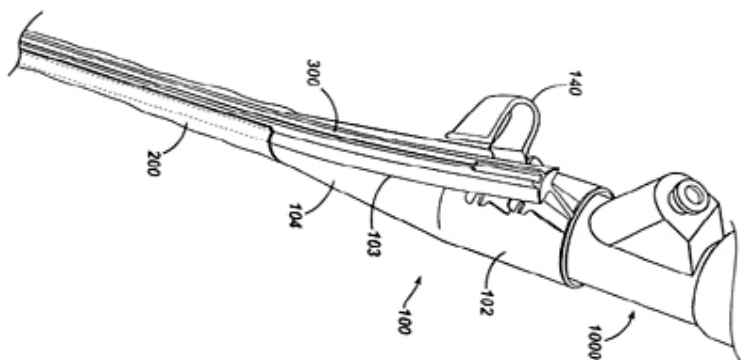


(54) Title of the invention : FEEDING TUBE AND TRACK

(51) International classification	:A61B1/015; A61B1/012;	(71)Name of Applicant :
(31) Priority Document No	:11/128,624	1)ETHICON ENDO-SURGERY, INC.
(32) Priority Date	:13/05/2005	Address of Applicant :4545 CREEK ROAD, CINCINNATI, OH 45242 U.S.A.
(33) Name of priority country	:U.S.A.	(72)Name of Inventor :
(86) International Application No	:NA	1)DAVID STEFANCHIK
Filing Date	:NA	2)DOUGLAS O. FAIGEL ,M.D.
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A medical apparatus and method useful for positioning one or more members within the gastro-intestinal tract is disclosed. The medical apparatus can include a track supported on a sheath sized to receive an endoscope, and a carrier slidable with respect to the track. A feeding tube accessory adapted to slidably engage the carrier is disclosed.



(54) Title of the invention : IMPROVED FEEDING TUBE

(51) International classification

:A61B1/015;

A61B1/012;

(31) Priority Document No

:11/128,621

(32) Priority Date

:13/05/2005

(33) Name of priority country

:U.S.A.

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

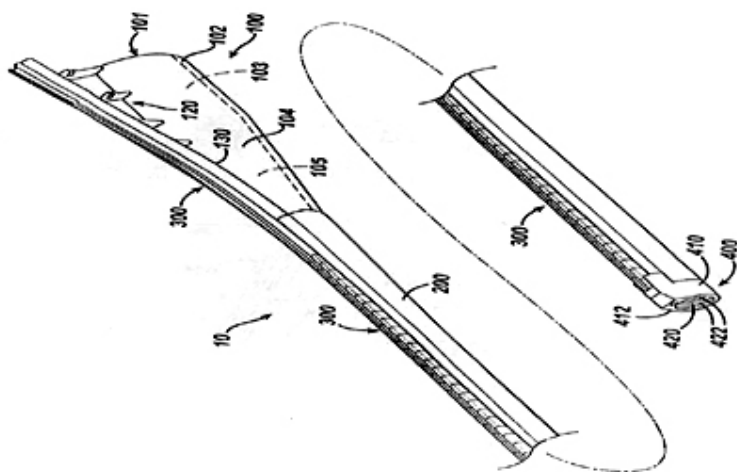
1)ETHICON ENDO-SURGERY, INC.Address of Applicant :4545 CREEK ROAD CINCINNATI OH
45242 U.S.A.

(72)Name of Inventor :

1)David Stefanchik**2)Douglas O. Faigel, M.D.**

(57) Abstract :

A feeding tube and an apparatus useful for positioning a feeding tube are disclosed. The apparatus can include a track supported on a sheath sized to receive an endoscope, and a carrier slidable with respect to the track. A feeding tube having a rail feature for slidable engagement with a carrier is disclosed.

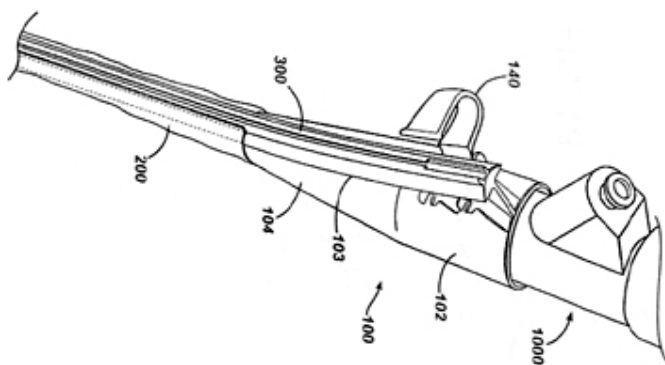


(54) Title of the invention : IMPROVED SHEATH FOR USE WITH AN ENDOSCOPE

(51) International classification	:A61B1/01; A61B1/005	(71)Name of Applicant :	1)ETHICON ENDO-SURGERY, INC
(31) Priority Document No	:11/129,590	Address of Applicant :	4545 CREEK ROAD CINCINNATI, OH
(32) Priority Date	:13/05/2005		45242 U.S.A.
(33) Name of priority country	:U.S.A.	(72)Name of Inventor :	
(86) International Application No	:NA	1)DAVID STEFANCHIK	
Filing Date	:NA	2)RICK D. APPEGATE	
(87) International Publication No	: NA	3)RUDOLPH H. NOBIS	
(61) Patent of Addition to Application Number	:NA		
Filing Date	:NA		
(62) Divisional to to Application Number	:NA		
Filing Date	:NA		

(57) Abstract :

A medical apparatus and method useful for positioning one or more members within the gastro-intestinal tract is disclosed. The sheath can be provided with texture on an inside surface to facilitate installation of the endoscope in the sheath, and to permit the endoscope to be gripped through the sheath.

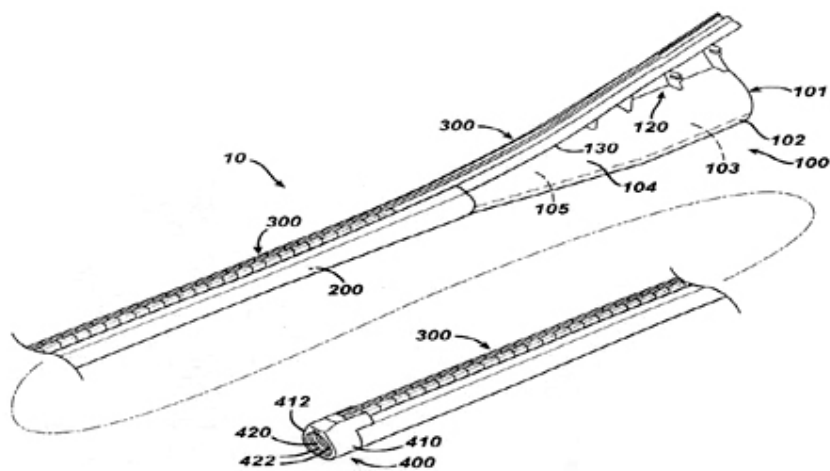


(54) Title of the invention : IMPROVED TRACK FOR MEDICAL DEVICES

(51) International classification	:A61B19/00; A61B1/005; A61B1/273	(71)Name of Applicant : 1)ETHICON ENDO-SURGERY, INC. Address of Applicant :4545 CREEK ROAD CINCINNATI, OH 45242 U.S.A.
(31) Priority Document No	:11/128,733	(72)Name of Inventor :
(32) Priority Date	:13/05/2005	1)DAVID STEFANCHIK
(33) Name of priority country	:U.S.A.	2)RICK D APLEGATE
(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 to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A medical apparatus and method useful for positioning one or more members within the gastro-intestinal tract is disclosed. The medical apparatus can include a track supported on a sheath sized to receive an endoscope, and a carrier slidable with respect to the track. A feeding tube accessory adapted to slidably engage the carrier is disclosed.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.458/KOL/2006 A

(19) INDIA

(22) Date of filing of Application :16/05/2006

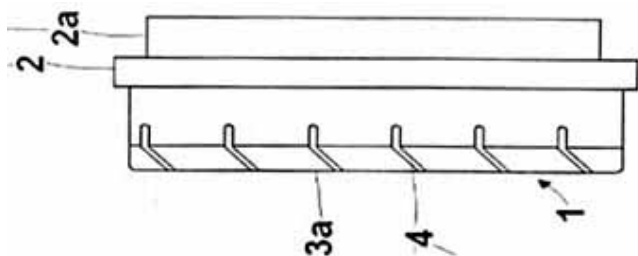
(43) Publication Date : 22/06/2007

(54) Title of the invention : BLOCK TOOL FOR SURFACE FINISHING OPERATIONS AND METHOD OF OBTAINING THE SAME

(51) International classification	:V23F21/03	(71)Name of Applicant :
(31) Priority Document No	:VR2005A000062	1)AROS S.R.L.
(32) Priority Date	:18/05/2005	Address of Applicant :VIA EINAUDI, 4/1E, AFFI-
(33) Name of priority country	:Italy	37010(VERONA), ITALY Italy
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)FIORATTI, STEFANO,
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A block tool for surface finishing operations, which has a support and coupling member (2) for connection to a machine tool, and an abrasive block (3) held by the support member (2), the abrasive block being obtained from a solution or emulsion of a granular abrasive material dispersed in a matrix comprising a thermoplastic resin.



(54) Title of the invention : ENDOSCOPIC SUTURING DEVICE

(51) International classification

:A61B17/94;
A61B1/00

(31) Priority Document No

:11/150481

(32) Priority Date

:13/06/2005

(33) Name of priority country

:U.S.A.

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

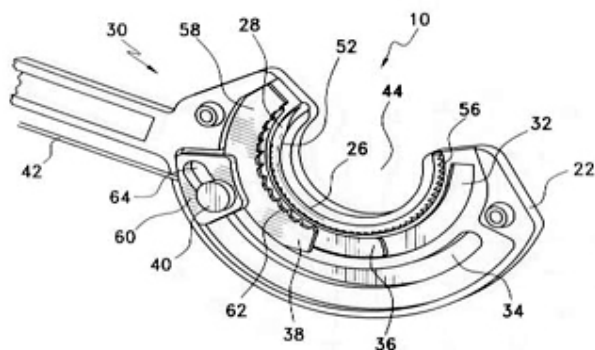
1)ETHICON ENDO-SURGERY, INC.Address of Applicant :4545 CREEK ROAD, CINCINNATI, OH
45242,OHIO CORPORATION U.S.A.

(72)Name of Inventor :

1)MICHAEL J. STOKES**2)MARK S. ORTIZ**

(57) Abstract :

An endoscopic apparatus for the continuous application of a suture includes a suturing body that is shaped and dimensioned for attachment to the distal end of a commercially available endoscope in a manner permitting actuation thereof. The suturing body is composed of a suture housing in which a needle and drive assembly are housed for movement of the needle about a continuous circular path facilitating the application of a suture secured to a distal end of the needle. The drive assembly includes a rocker that moves along the suture housing under the control of a drive cable and a pin, wherein actuation of the drive cable and pin cause the rocker to selectively engage and disengage the needle causing the needle to move about a circular path in a continuous manner.

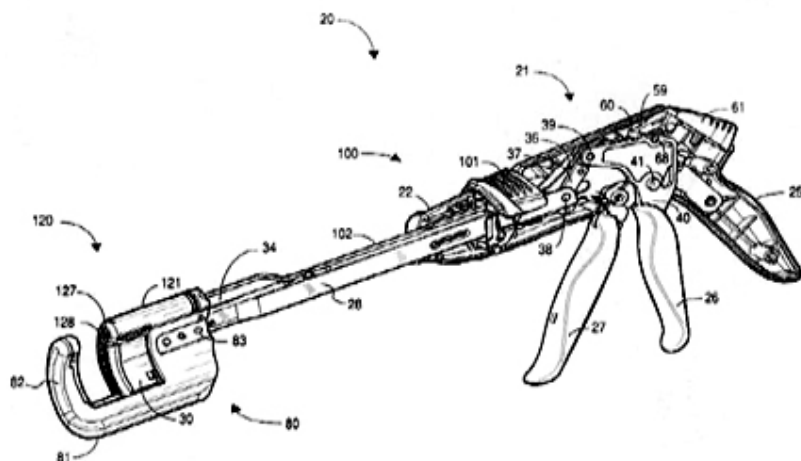


(54) Title of the invention : SURGICAL STAPLER HAVING AN ALUMINUM HEAD

(51) International classification	:A61B17/115; A61B17/03	(71)Name of Applicant :
(31) Priority Document No	:11/130518	1)ETHICON ENDO-SURGERY, INC.
(32) Priority Date	:17/05/2005	Address of Applicant :4545 CREEK ROAD CINCINNATI, OH 45242 U.S.A.
(33) Name of priority country	:U.S.A.	(72)Name of Inventor :
(86) International Application No	:NA	1)WILLIAM D. KELLY
Filing Date	:NA	2)MICHAEL L. KRUSZYNSKI
(87) International Publication No	: NA	3)ANTHONY T. NGUYEN
(61) Patent of Addition to Application Number	:NA	4)RICHARD F. SCHWEMBERGER
Filing Date	:NA	5)PETER WUKUSICK
(62) Divisional to to Application Number	:NA	6)DAVID L. KOHN
Filing Date	:NA	7)SUDHIR B. PATEL

(57) Abstract :

A surgical instrument for applying a plurality of surgical fasteners to body tissue. The surgical instrument includes a frame having a handle at a proximal end thereof, and a support structure at a distal end thereof. The support structure adapted to support a plurality of surgical fasteners and is formed from aluminum.

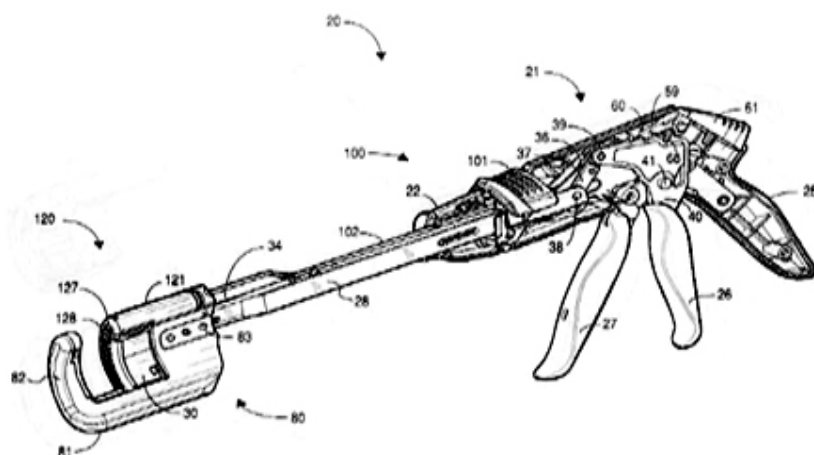


(54) Title of the invention : SURGICAL STAPLER HAVING A PLASTIC CLOSURE PLATE

(51) International classification	:A61B17/115; A61B17/072; A61B17/03	(71)Name of Applicant : 1)ETHICON ENDO SURGERY INC. Address of Applicant :4545 CREEK ROAD, CINCINNATI, OHIO 45242 U.S.A.
(31) Priority Document No	:11/130520	(72)Name of Inventor :
(32) Priority Date	:17/05/2005	1)WILLIAM D. KELLY
(33) Name of priority country	:U.S.A.	2)MICHAEL L. KRUSZYNSKI
(86) International Application No	:NA	3)ANTHONY T. NGUYEN
Filing Date	:NA	4)RICHARD F. SCHWEMBERGER
(87) International Publication No	: NA	5)PETER WUKUSICK
(61) Patent of Addition to Application Number	:NA	6)DAVID L. KOHN
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A surgical instrument for applying a plurality of surgical fasteners to body tissue. The surgical instrument includes a frame having a proximal end and a distal end, with a handle at the proximal end and a support structure at the distal end. The support structure is adapted to support cartridge containing the plurality of surgical fasteners. The instrument further includes a closure member for supporting at least a portion of the cartridge for movement from a proximal end of the support structure to a distal end of the support structure, wherein at least a portion of the closure member is made from plastic.



(54) Title of the invention : LESS INVASIVE METHODS FOR ABLATION OF FAT PADS

(51) International classification	:A61K9/00
(31) Priority Document No	:11/154367
(32) Priority Date	:16/06/2005
(33) Name of priority country	:U.S.A.
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)BIOSENSE WEBSTER, INC

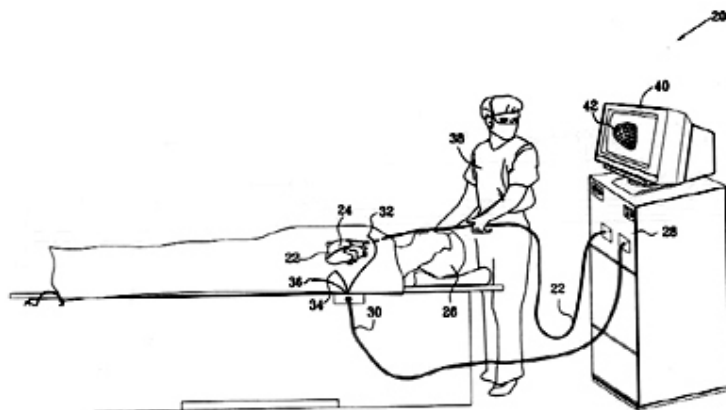
Address of Applicant :3333 Diamond Canyon Road, Diamond Bar, CA 91765 a California Corporation, USA U.S.A.

(72)Name of Inventor :

1)YITZHACK SCHWARTZ

(57) Abstract :

Epicardial fat pad ablation is conducted using a catheter inserted through the chest wall, using ultrasound ablation, or using a catheter fitted with a directional ultrasound transducer and capable of being aligned with the epicardium. The epicardial fat pad locations are determined using noninvasive imaging methods, or using electrical maps. These locations are then displayed on maps or images of the heart, and thus targeted for minimally invasive or non invasive therapy. The methods of the present invention are less invasive than conventional methods of ablation, and permit flexible access to substantially any point on the epicardium.

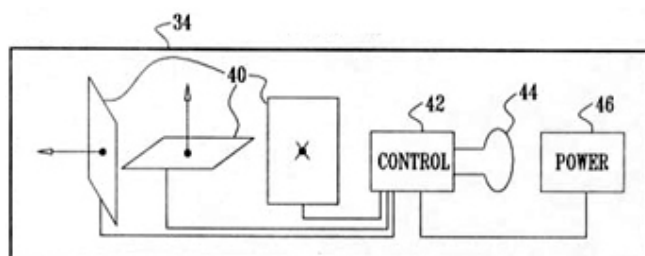


(54) Title of the invention : POSITION TRACKING USING QUASI-DC MAGNETIC FIELDS

(51) International classification	:A61B5/05	(71)Name of Applicant :
(31) Priority Document No	:11/130,423	1)Biosense Webster, Inc
(32) Priority Date	:16/05/2005	Address of Applicant :3333 Diamond Canyon Road, Diamond Bar
(33) Name of priority country	:U.S.A.	CA 91765 U.S.A.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)Assaf Govari
(87) International Publication No	: NA	2)Andres Claudio Altmann
(61) Patent of Addition to Application Number	:NA	3)Yaron Ephrath
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method for tracking a position of a sensor includes generating a periodic magnetic field in a vicinity of the sensor, the field having a positive polarity phase and a negative polarity phase with respective constant positive and negative amplitudes. First and second field measurement signals are produced responsively to the magnetic field at the sensor during the positive and negative polarity phases, respectively. The position of the sensor is determined responsively to the first and second field measurement signals.



(54) Title of the invention : AQUEOUS CLEANING COMPOSITION FOR SEMICONDUCTOR COPPER PROCESSING

(51) International classification	:C11D3/28; C11D3/16; C11D3/30	(71)Name of Applicant : 1)EPOCH MATERIAL CO., LTD. Address of Applicant :NO. 2, LUKE 8TH ROAD, LU-CHUH HSIANG, KAOHSIUNG COUNTY, Taiwan
(31) Priority Document No	:094116223	(72)Name of Inventor :
(32) Priority Date	:19/05/2005	1)CHEN ,CHIEN CHING
(33) Name of priority country	:Argentina	2)LIU, WEN, CHENG
(86) International Application No	:NA	3)SHIUE, JING- CHUAN
Filing Date	:NA	4)HUO, TENG YAN
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to an aqueous cleaning composition for wafers with copper wires that have been treated by chemical mechanical planarization in an integrated circuit processing, comprising 0.1 to 15 wt% of a nitrogen-containing heterocyclic organic base, 0.1 to 35 wt% of an alcohol amine and water. Upon contact with copper-containing semiconductor wafers that have been treated by chemical mechanical planarization for an effective period of time, the aqueous cleaning composition can effectively remove residual contaminants from the surfaces of the wafers, and simultaneously provide the copper-containing semiconductor wafers with a better surface roughness.



Figure 1

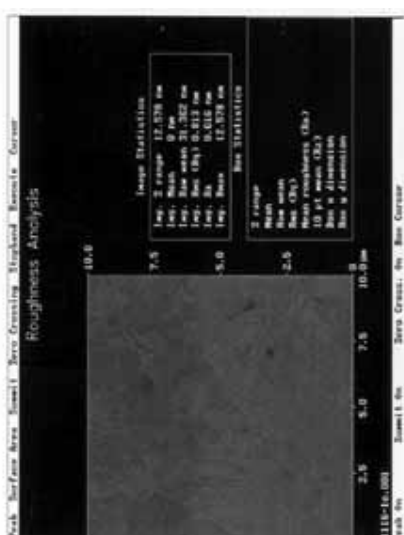


Figure 1

(12) PATENT APPLICATION PUBLICATION

(21) Application No.465/KOL/2006 A

(19) INDIA

(22) Date of filing of Application :16/05/2006

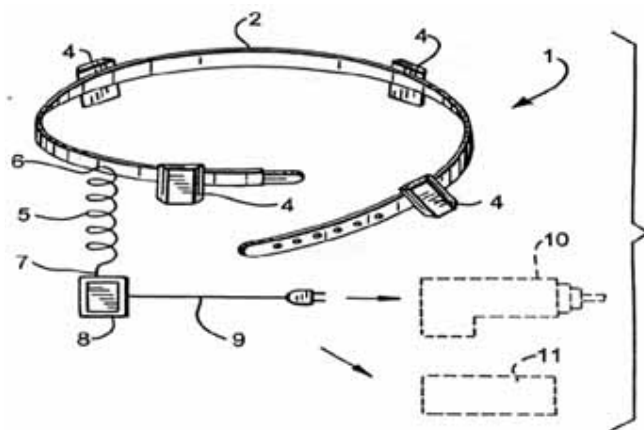
(43) Publication Date : 22/06/2007

(54) Title of the invention : "A DEVICE FOR ELECTRICAL POWER SUPPLY TO A POWER TOOL"

(51) International classification	: H02J7/00	(71)Name of Applicant :
(31) Priority Document No	:11/143,898	1)JETYD CORP.
(32) Priority Date	:02/06/2005	Address of Applicant :218 ISLAND ROAD MAHWAH NEW
(33) Name of priority country	:U.S.A.	JERSEY 07430 U.S.A.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)LAY DAVID
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A device for electrical power supply to an electrically powered tool has a belt adapted to be worn by a user, a plurality of batteries arranged on the belt and electrically connected with one another, an electric cable having a first end connected with the batteries, extending outwardly beyond the belt, and having a second opposite end, and an additional battery connected with said second end of said electric cable and connectable to a power tool so as to supply the power tool with electrical power from the batteries or to a battery charger for charging the batteries.



(54) Title of the invention : METHOD & APPARATUS FOR PERFORMING AN IN-MOLD COINING OPERATION

(51) International classification : F02D13/02
 (31) Priority Document No : 11/140,435
 (32) Priority Date : 27/05/2005
 (33) Name of priority country : U.S.A.
 (86) International Application No : NA
 Filing Date : NA
 (87) International Publication No : NA
 (61) Patent of Addition to Application Number : NA
 Filing Date : NA
 (62) Divisional to to Application Number : NA
 Filing Date : NA

(71) Name of Applicant :

1) Gentex Optics, Inc.

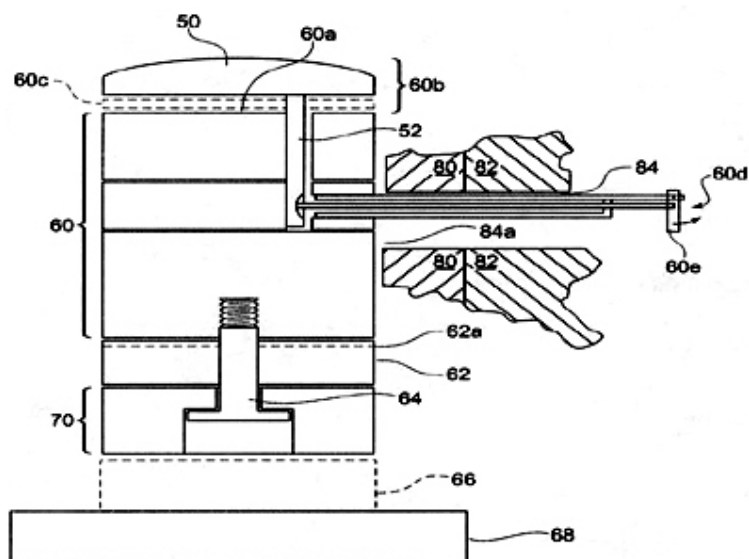
Address of Applicant : 324 Main Street, Simpson, PA 18407 U.S.A.

(72) Name of Inventor :

1) Russell F. Weymouth, Jr.,

(57) Abstract :

A hardware configuration and related method for performing a coining-type injection compression operation. The invention is useful in molding lenses since lenses have different thicknesses at various points. The equipment maintains the mold in a closed position during the entire molding cycle. A two part standoff post is designed to provide for slight axial compression during high injection pressure. The standoff post also provides a convenient mounting surface near the parting line to install inserts at various heights.

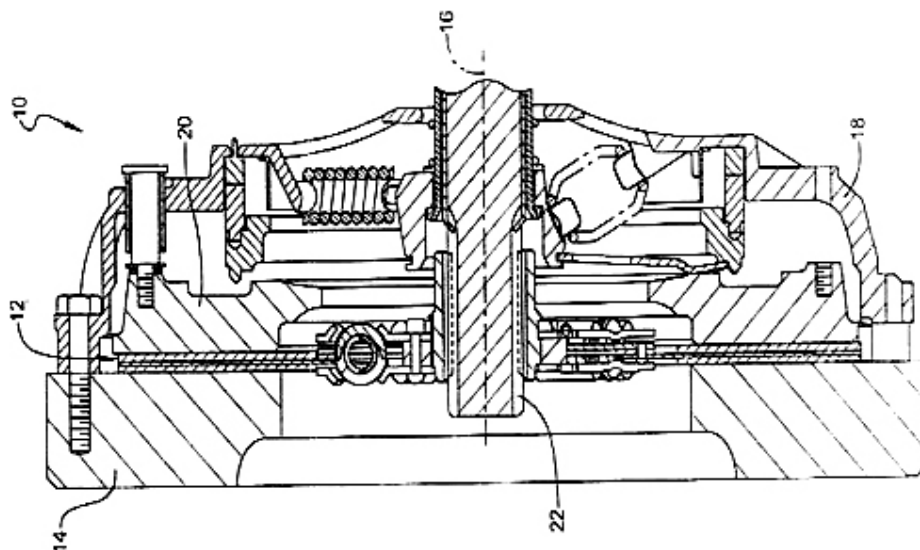


(54) Title of the invention : CLUTCH DRIVEN DISC WITH WAVE WASHER

(51) International classification	:F16D13/68; F16D13/64	(71)Name of Applicant :
(31) Priority Document No	:11/133,600	1)EATON CORPORATION
(32) Priority Date	:20/05/2005	Address of Applicant :EATON CENTER 1111 SUPERIOR
(33) Name of priority country	:U.S.A.	AVENUE, CLEVELAND, OHIO 44114, U.S.A.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)MICHEAL L. BASSETT
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A driven disc is provided that includes a hub assembly having an axis of rotation and a hub having at least one of a first radially extending projection and a first recess. The driven disc also includes a disc assembly having a disc plate rotatable relative to the hub and a wave washer positioned over the hub and between the hub assembly and the disc assembly. The wave washer includes at least one of a second recess and a second radially extending projection adapted to receive or to be received in the first radially extending projection or the first recess, respectively, to position the wave washer during assembly of the driven disc.

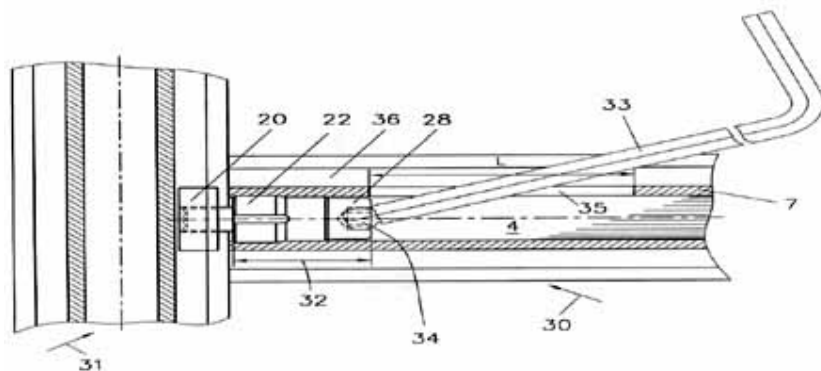


(54) Title of the invention : PROFILE CONNECTING SYSTEM

(51) International classification	:F16B7/04; F16B7/18; F16B7/04	(71)Name of Applicant : 1)KANYA AG
(31) Priority Document No	:EPO5011815	Address of Applicant :Neuhofstrasse 9 CH-8630 Rut / Switzerland
(32) Priority Date	:01/06/2005	(72)Name of Inventor : 1)WALTER BAER
(33) Name of priority country	:EUROPEAN UNION	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a profile connecting system, comprising profile bars and connecting elements. The profile bars (30, 31) have at least one axial elongated hole (4) and on the profile outer sides slots for nut block connections. In order to be able to assemble profile connections with minimal material and labour expenditure and in order to be able to avoid premachining operations on profile bars using machine tools and at the same time be able to transmit large forces, it is proposed to insert and fix an abutment, for example a threaded insert (22), in a self-cutting manner into the bore of an axial elongated hole (4) in a first profile bar (30). Adjacent to the installation length (32) of the threaded insert (22) and of the head of a screw (28), an axially running wrench opening (35) is to be provided in the tubular body (7) of the axial elongated hole (4). The length and width of the wrench opening (35) is to permit guidance there through of a socket wrench (33), with joints or with a substantially spherical socket wrench head (34) with flats, at an insertion angle to the longitudinal axis of the profile bar (30) and the coupling of the socket wrench to the head of the screw (28).

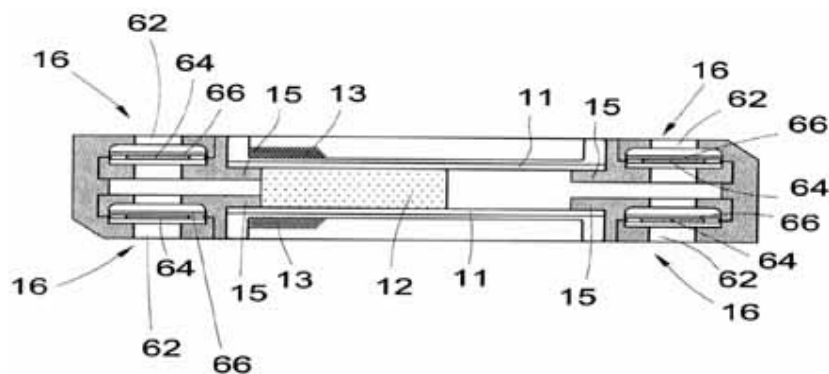


(54) Title of the invention : PUMP UNIT FOR MAGNETICALLY DRIVING AN ARTICLE

(51) International classification	:F04B43/04; F04B35/00; F04B43/02	(71)Name of Applicant : 1)LIU MING HWA Address of Applicant :NO.117, CHUNG CHUN ROAD, PEI TOU CHEN CHANG HUA HSIEN Taiwan
(31) Priority Document No	:094116981	2)CHEN BRIAN D.F
(32) Priority Date	:24/05/2005	3)CHIEN CHIN PANG
(33) Name of priority country	:Argentina	(72)Name of Inventor :
(86) International Application No	:NA	1)LIU MING-HWA
Filing Date	:NA	2)CHEN BRIAN D.F.
(87) International Publication No	: NA	3)CHIEN CHIN PANG
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A pump unit for magnetically driving an article, including a main body, an article and a coil. The main body has an internal chamber. The article has a certain length and a configuration corresponding to a shape of the chamber. The article is reciprocally movably positioned in the chamber. The coil is wound around the main body and connected with a circuit. The circuit provides a current for the coil so as to drive the article to reciprocally move. The chamber of the main body communicates with two open ends of the main body. The pump unit further includes a first pair of one-way valve sections and a second pair of one-way valve sections. The first and second pairs of one-way valve sections are respectively disposed at two ends of the main body. When the article is reciprocally moved, a fluid can be only driven by the article to flow from a first position to a second position.

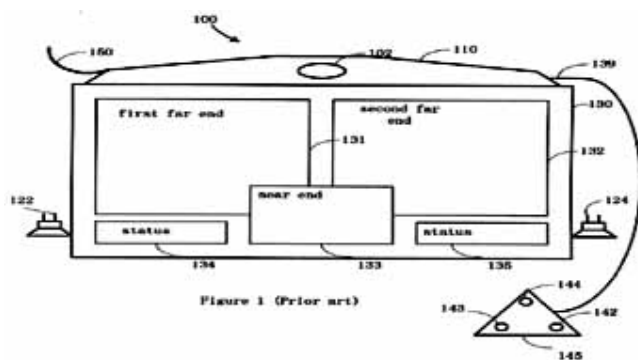


(54) Title of the invention : "A CONFERENCE UNIT CONTROLLING ROOM FUNCTIONS"

(51) International classification	:H04N7/14	(71)Name of Applicant :
(31) Priority Document No	:11/136,138	1)POLYCOM, INC.
(32) Priority Date	:24/05/2005	Address of Applicant :4750 WILLOW ROAD PLEASANTON CALIFORNIA 94588 U.S.A.
(33) Name of priority country	:U.S.A.	(72)Name of Inventor :
(86) International Application No	:NA	1)RODMAN JEFFREY
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Methods and devices for controlling room function devices from a single conference unit. A conference unit can be a video conference unit or a speakerphone. Controlled devices may include external loudspeakers, microphones, room function controllers, powered doors, powered windows, powered window shades or blinders, video screens etc. The connections between devices may be wired, wireless, or a combination of both.



(54) Title of the invention : A COOKED CATIONIC CROSSLINKED STARCH AND PROCESS OF PRODUCTION THEREOF

(51) International classification	:C08L3/00
(31) Priority Document No	:09/635,962
	:09/740,278
(32) Priority Date	:10/08/2000
	:19/12/2000
(33) Name of priority country	:U.S.A.
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:0232/KOLNP/2003
Filing Date	:24.02.2003

(71)Name of Applicant :

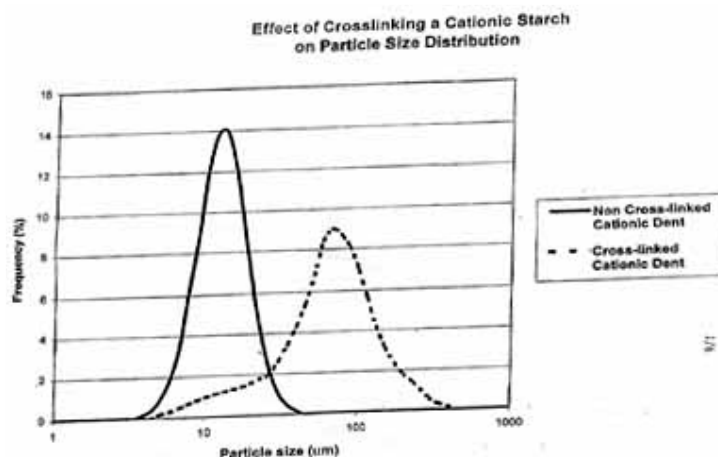
1)CARGILL INCORPORATEDAddress of Applicant :15407 MCGINTY ROAD WEST, P.O.BOX
5624, MINNEAPOLIS, MN 55391-2399 U.S.A.

(72)Name of Inventor :

1)ANDERSON KEVIN RAY**2)GARLIE DAVID EDWARD**

(57) Abstract :

A cooked cationic crosslinked starch having a viscosity of from about 95 to about ,250 cps. as determined by using a Brookfield viscometer at a measurement temperature of about 150Â° F using spindle 21 at 20 rpm, at a solids level of about 1.2 % to about 1.4 %.

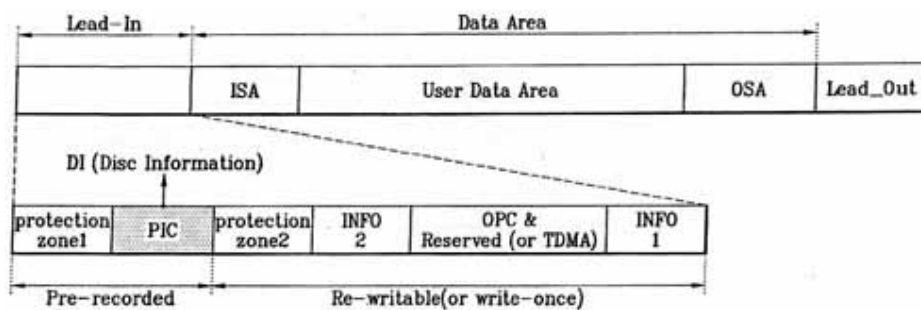


(54) Title of the invention : "A RECORDING MEDIUM; A RECORDING METHOD; AND AN APPARATUS OF DATA ON A READING MEDIUM"

(51) International classification	:H04B1/16	(71)Name of Applicant :
(31) Priority Document No	:10-2003-0056540	1)LG ELECTRONICS INC.
(32) Priority Date	:14/08/2003	Address of Applicant :20, YOIDO-DONG, YONGDUNGPO-GU,
(33) Name of priority country	:Republic of Korea	SEOUL 150-721 Republic of Korea
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)KIM JIN YONG
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:0438/KOLNP/2003	
Filing Date	:27.02.2006	

(57) Abstract :

In a recordable optical disc including at least one recording layer, write strategy information is recorded within disc control information, so that standardized disc control information can be uniformly applied to data recording and reproduction. At least one disc information is recorded as the disc control information within the management area. The disc control information is recorded per at least one write strategy type for a same writing speed and recording layer. The write strategy type recorded in the corresponding disc information is determined by recording write strategy parameters of the optionally determined write strategy type among applicable write strategy types.



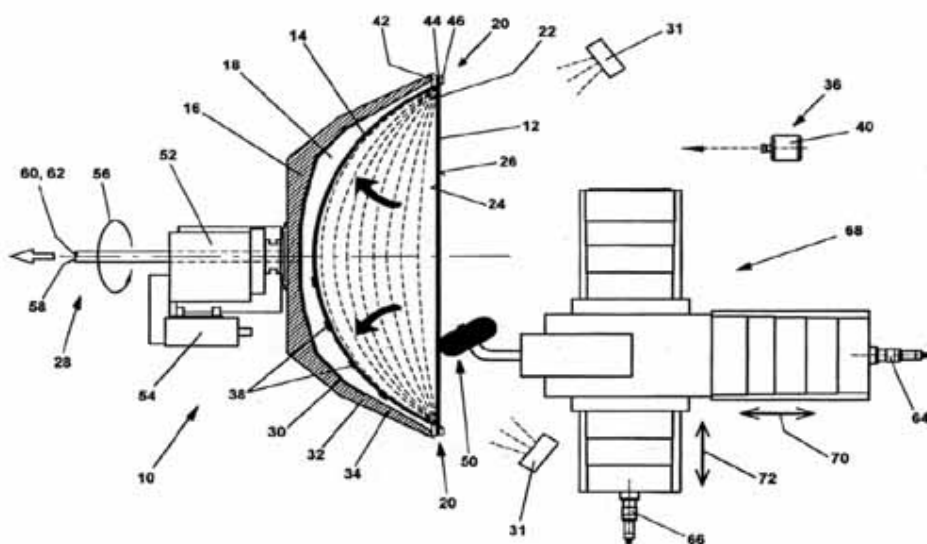
- ISA : Inner Spare Area
- OSA : Outer Spare Area
- PIC : Permanent Information & Control data
- TDMA : Temporary Defect Management Area

(54) Title of the invention : "A METHOD AND DEVICE FOR FORMING AN ESSENTIALLY FLAT METAL BLANK, TO PRODUCE A THIN-WALLED, SHELL-TYPE BODY, AND THE USE OF SAME"

(51) International classification	:B21D22/20	(71)Name of Applicant :
(31) Priority Document No	:10 2005	1)MT AEROSPACE AG
(32) Priority Date	024 627.3	Address of Applicant :FRANZ-JOSEF-STRAUSS-STRASSE 5
(33) Name of priority country	:30/05/2005	86153 AUGSBURG Germany
(86) International Application No	:Germany	(72)Name of Inventor :
Filing Date	:NA	1)MICHEL HELMUT
(87) International Publication No	: NA	2)RADTKE WULF
(61) Patent of Addition to Application Number	:NA	3)HEGELS JOHANNES
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a vacuum-assisted method and a device for forming an essentially flat blank (12) of metal into a thin-walled, shell-type body (14), especially for performing the method in accordance with one of the preceding claims, that has a supporting structure (16) forming a mold chamber (18) that holds the blank (12) during increasing deformation into the thin-walled, shell-body (14), a device (20) allocated to the supporting structure (16) for clamping the blank (12) about its circumference (22) to the supporting structure (16), that seals the reverse face (24) of the blank (12) facing towards the mold chamber (18) against the front face (26) of the blank (12) facing away from the mold chamber (18), and a device (28) allocated to the mold chamber (18) that also communicates with the mold chamber (18) for applying a vacuum and evacuating the mold chamber (18), and at least one forming tool (50) applied to the front face (26) of the blank (12) is/are allocated to the supporting structure (16), and the use of same.



(54) Title of the invention : EXTRUDER FOR WELDING PLASTIC COMPONENTS

(51) International classification

:B29C47/02;

B29C47/36;

B29C47/38

:PD

2005A000156

(31) Priority Document No

:27/05/2005

(32) Priority Date

:Italy

(33) Name of priority country

(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 to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)RITMO S.P.A.

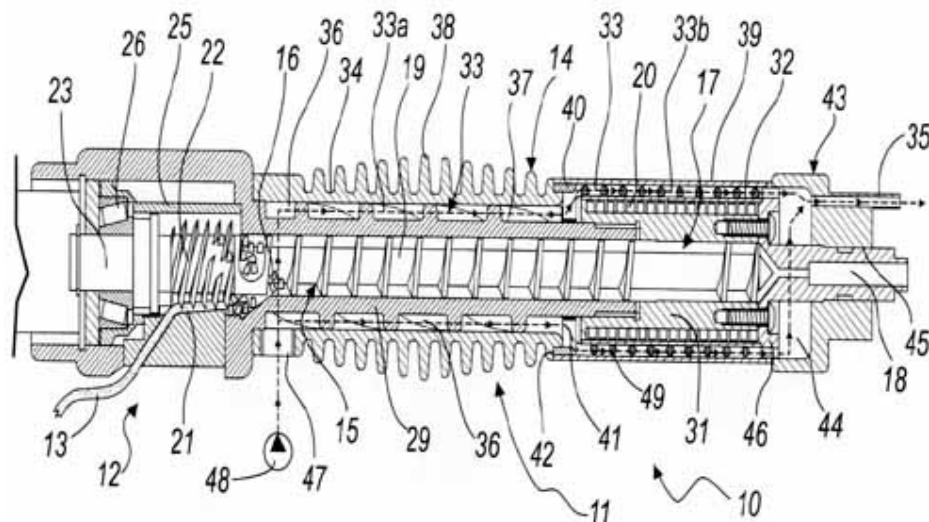
Address of Applicant :VIA A. VOLTA, 7, 35037 TEOLO (PROV. OF PADOVA) Italy

(72)Name of Inventor :

1)RENZO BORTOLI

(57) Abstract :

An extruder for welding plastic components, of the type comprising a rear part (12), for feeding and segmenting a continuous plastic filament (13), and a front part (11), for plasticizing and ejecting plastic material to be deposited on the weld. The front part (11) comprises a first chamber (15) for moving the particles (16) of plastic material from the rear part (12) to a second chamber (17) for plasticizing and ejection, which ends with a first nozzle (18) suitable to eject the melted plastic material. The extruder further comprises a duct (33) for heating forced air, which is formed between the outer surface (34) of the external containment enclosure (14) and the walls of the first and second chambers (15, 17); the heating duct (33) ends with a second nozzle (35) for ejecting the heated air, which is arranged proximate to the first nozzle (18). The heated air that exits from the second nozzle (35) is useful for preheating the welding area.

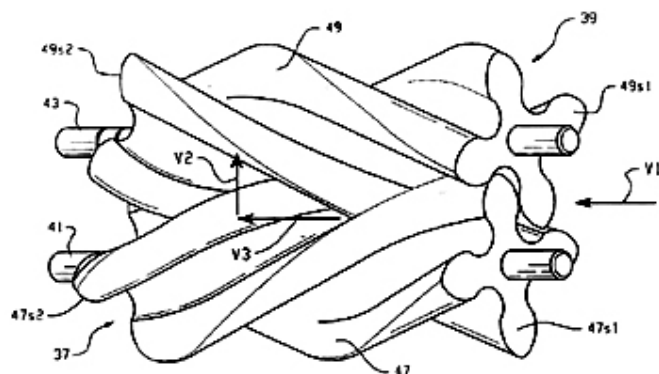


(54) Title of the invention : OPTIMIZED HELIX ANGLE ROTORS FOR ROOTS-STYLE SUPERCHARGER

(51) International classification	:F02B33/38; F04C18/16; F02B33/00	(71)Name of Applicant : 1)EATON CORPORATION Address of Applicant :1111 SUPERIOR AVENUE, CLEVELAND, OHIO 44114 U.S.A.
(31) Priority Document No	:11/135, 220	(72)Name of Inventor :
(32) Priority Date	:23/05/2005	1)MATTHEW GARELD SWARTZLANDER
(33) Name of priority country	:U.S.A.	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method of designing rotors for a Roots blower comprising a housing having cylindrical chambers, the housing defining an outlet port (19). The blower includes meshed, lobed rotors (37,39) disposed in the chambers, each rotor including a plurality N of lobes (47,49), each lobe having first (47a,49a) and second (47b,49b) axially facing end surfaces. Each lobe has its axially facing surfaces defining a twist angle (TA), and each lobe defines a helix angle (HA). The method of designing the rotor comprises determining a maximum ideal twist angle (TAM) for the lobe as a function of the number N of lobes on the rotor, and then determining a helix angle (HA) for each lobe as a function of the maximum ideal twist angle (TAM) and an axial length (L) between the end surfaces of the lobe.

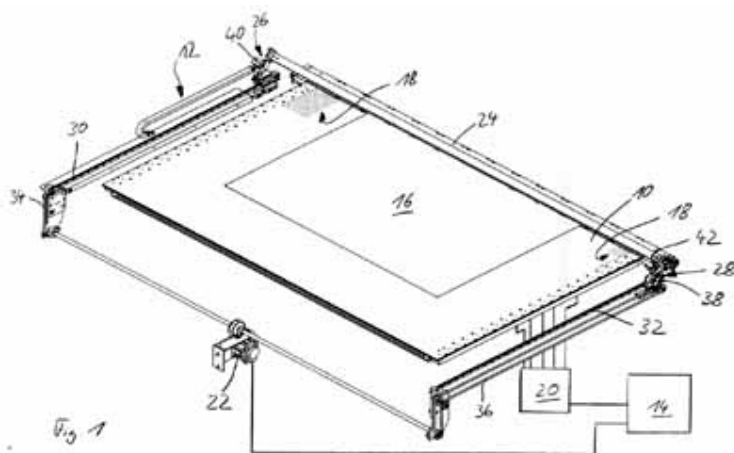


(54) Title of the invention : FLATBED PRINTING MACHINE

(51) International classification	:B41J13/26	(71)Name of Applicant :	
(31) Priority Document No	:05011314.1	1)THIEME GMBH & CO. KG.	
(32) Priority Date	:25/05/2005	Address of Applicant :ROBERT-BOSCH-STR. 1, 79331	
(33) Name of priority country	:EUROPEAN	TENINGEN Germany	
(86) International Application No	:NA	(72)Name of Inventor :	
Filing Date	:NA	1)STEFAN HOLZER	
(87) International Publication No	: NA	2)MARKUS HILPERT	
(61) Patent of Addition to Application Number	:NA	3)KONRAD VOSTEEN	
Filing Date	:NA		
(62) Divisional to to Application Number	:NA		
Filing Date	:NA		

(57) Abstract :

The invention refers to a flatbed printing machine with a printing table and a pressing device for a medium to be printed, wherein the pressing device features parallel guide rails on both sides of the printing table, through which a pressing rail that is moveable above the printing table is guided. Application, e.g. for digital ink-jet flatbed printing machines.



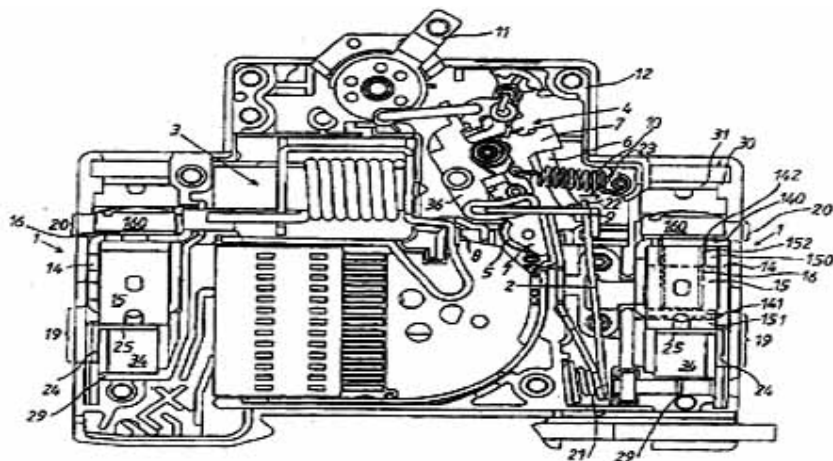
(54) Title of the invention : A LIFTING CLAMP FOR MOUNTING IN A HOUSING OF AN ELECTRIC APPARATUS SUCH AS A CIRCUIT-BREAKER

(51) International classification :H02H3/00
 (31) Priority Document No :A 444/2001
 (32) Priority Date :20/03/2001
 (33) Name of priority country :Australia
 (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 :158/KOLNP/2003
 Filed on :11.09.2003

(71)Name of Applicant :
1)MOELLER GEBAUDEAUTOMATION KG
 Address of Applicant :EUGENIA 1, A-3943 SCHREMS, Austria
 (72)Name of Inventor :
1)SCHUH GERHARD

(57) Abstract :

A lifting clamp (1) for mounting in a housing of an electric apparatus such as a circuit-breaker, comprising a rectangular frame (14) and a rectangular box (15) whose upper section (150) is arranged between the upper section (140) and the lower section (141) of the frame (14), enabling the box (15) to be held in the frame (14) in a displaceable manner, and also comprising a clamping screw (16) which is guided through a breakthrough (142) incorporated in the upper section (140) of the frame in a freely rotatable manner and which engages in a screw thread (152) incorporated in the upper section (150) of the box (15), and additionally a lug (24) which is fixed to the box (15) and extends away from the lower section (151) of the box (15) into the space situated below the box (15) and extends parallel to the plane of an opening (19) in the housing situated adjacent to the lifting clamp (1), characterized in that a small plate (25) is shaped on the lugs (24) which extends parallel to the lower box section (151) and by means of which the lug (24) is connected to the box (15).

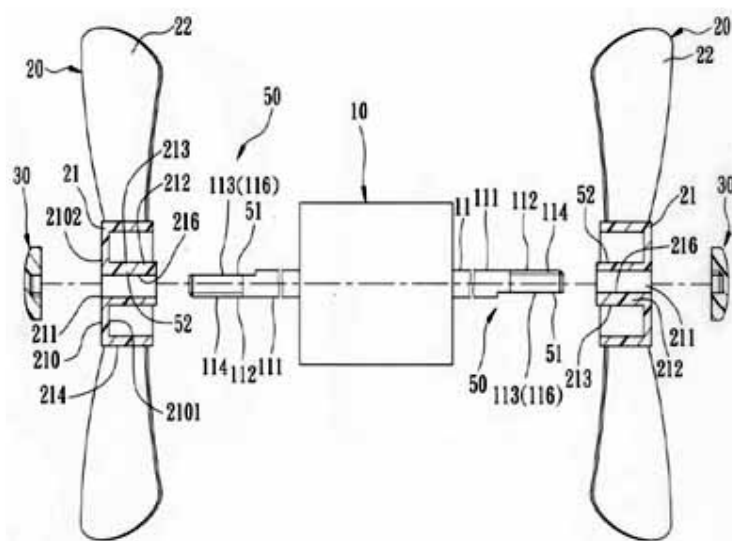


(54) Title of the invention : ELECTRIC FAN

(51) International classification	:F04D29/32; F04D29/34; F04D29/66	(71)Name of Applicant : 1)CHUNG-YIN CHENG, Address of Applicant :NO. 72 Hsi-Lu St., Tien-Chung Chen, Chang-Hua Hsien, Taiwan
(31) Priority Document No	:094118548	(72)Name of Inventor : 1)CHUNG-YIN CHENG
(32) Priority Date	:06/06/2005	
(33) Name of priority country	:Argentina	
(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 to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An electric fan includes a motor (10), two blade units (20), and two engaging units (50). The motor (10) has a motor shaft (11) that defines an axis (L) and that has two axially opposite end segments (111). Each of the end segments (111) has an engaging region (113). The engaging regions (113) of the end segments (111) are disposed at angularly opposite positions relative to the axis (L). Each of the blade units (20) includes a hub (21) that is sleeved on a respective one of the end segments (111). Each of the engaging units (50) includes a first engaging member (51) provided on the engaging region (113) of a respective one of the end segments (111), and a second engaging member (52) provided on the hub (21) of a respective one of the blade units (20) and engaging the first engaging member (51).

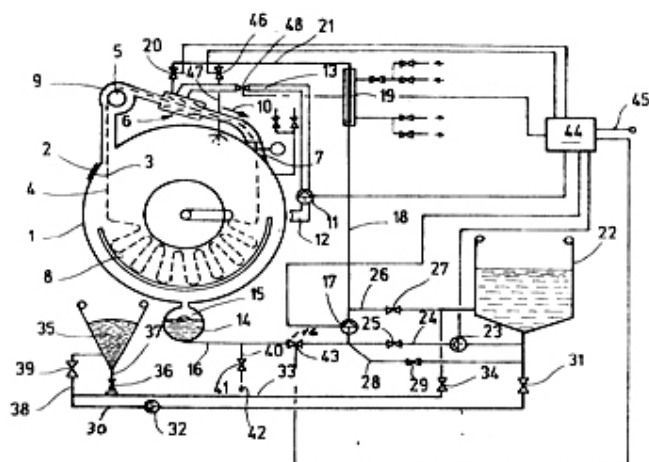


(54) Title of the invention : METHOD AND APPARATUS FOR UNIFORM APPLICATION OF TREATMENT AGENTS TO A TREATMENT AGENTS TO A TEXTILE ROPE

(51) International classification	:D06B3/24; D06B3/26; D06B3/28	(71)Name of Applicant : 1)THEN MASCHINEN GMBH Address of Applicant :MILCHGRUNDSTR 32, 74523 SCHWABISCH HALL, Germany
(31) Priority Document No	:102005027070.0	(72)Name of Inventor : 1)MAXIMILIAN HIRSCH
(32) Priority Date	:11/06/2005	
(33) Name of priority country	:Germany	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

In a method for uniform application of treatment agents to a textile rope in a dyeing machine, the endless rope is made to revolve in a closed tank by means of a Venturi feed nozzle subjected to a gaseous feeder medium, and is thus exposed to the action of a liquid treatment agent. The treatment agent is stored, without contact with the rope, in a chamber that is separate from the rope and is made to act on the rope, without mixing with treatment agent draining from the rope, with a quantity of treatment agent per unit of time that is controlled as a function of time.

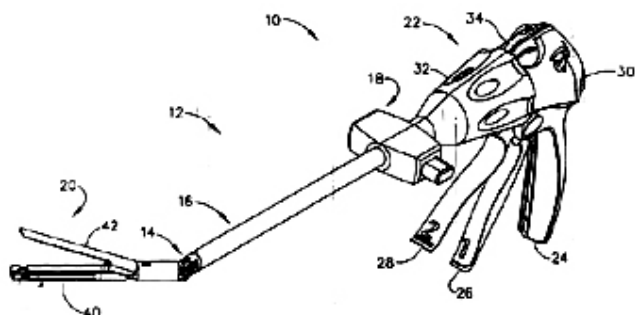


(54) Title of the invention : SURGICAL INSTRUMENT WITH ARTICULATION SHAFT WITH DOUBLE PIVOT CLOSURE AND SINGLE PIVOT FRAME GROUND

(51) International classification	:A61B17/28	(71)Name of Applicant :
(31) Priority Document No	:11/165,468	1)ETHICON ENDO-SURGERY, INC
(32) Priority Date	:23/06/2005	Address of Applicant :4545 CREEK ROAD CINCINNATI, OH
(33) Name of priority country	:U.S.A.	45242 U.S.A.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)Kenneth S. Wales
(87) International Publication No	: NA	2)Eugene L. Timperman
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A surgical stapling and severing instrument particularly suited to endoscopic use includes a proximal portion that is manipulated external to a patient to position an attached elongate shaft and end effector to a desired surgical site inside of the patient. An articulation joint pivotally attaches the end effector to the elongate shaft to give further clinical flexibility in reaching tissue at a desired angle. A closure tube assembly includes a multiple pivoting portion that overrides the articulation joint in order distally translate to close the end effector yet pass over an articulated shaft. Thereby, additional clinical flexibility in positioning the end effector is achieved without losing the ability for separate closure and firing motions transferred by the shaft. Thereby, design flexibility is achieved by avoiding the design constraints of transferring a mechanical motion through the tight confines of the elongate shaft sufficient to effect articulation.



(54) Title of the invention : ENDOSCOPE REPROCESSOR CONNECTORS HAVING REDUCED OCCLUSION

(51) International classification

:A61B1/12;
B08B13/00

(31) Priority Document No

:11/141,431

(32) Priority Date

:31/05/2005

(33) Name of priority country

:U.S.A.

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

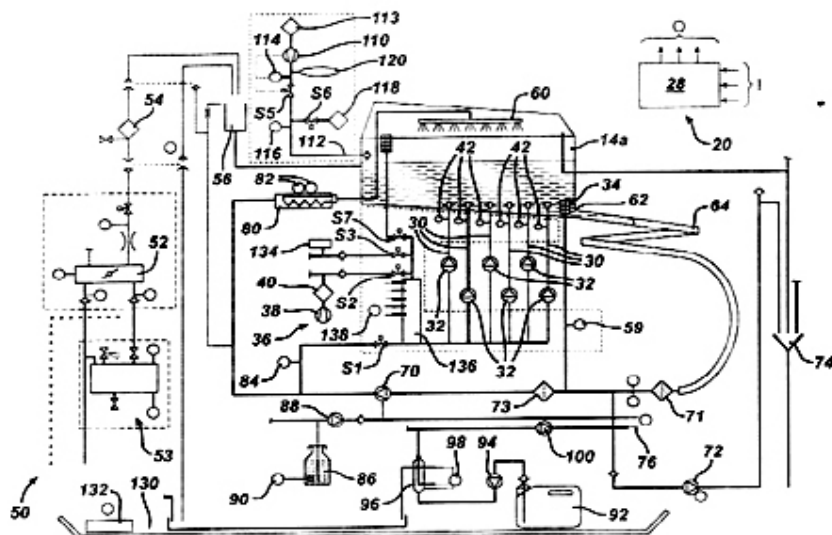
1)ETHICON, INCAddress of Applicant :U.S. ROUTE 22, SOMERVILLE NJ 08876
U.S.A.

(72)Name of Inventor :

1)NICK NGOC NHUYEN**2)TODD MORRISON**

(57) Abstract :

An occlusion minimizing connector connects a lumen in a lumen device to a source of sterilization fluid in an endoscope reprocessor. The connector has a sealing portion shaped to engage a surface on the lumen device. The sealing portion is formed of a resilient material biasing a sealing surface into contact with the surface on the lumen device. The biasing is such that the seal is maintained when pressure within the flow passage is below a predetermined level preventing leakage of the flow past the sealing portion. When pressure within the flow passage is above the predetermined level fluid leaks past the sealing portion to bathe the surface on the lumen device. Thus, the surface will not be occluded during a cleaning process.

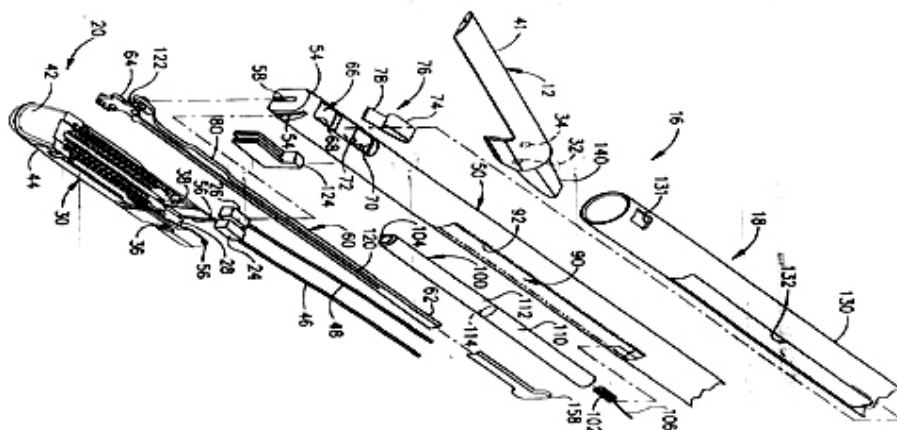


(54) Title of the invention : SURGICAL INSTRUMENT HAVING FLUID ACTUATED OPPOSING JAWS

(51) International classification	:A61B17/072; A61B17/068	(71)Name of Applicant :
(31) Priority Document No	:11/165,094	1)ETHICON ENDO-SURGERY,INC
(32) Priority Date	:23/06/2005	Address of Applicant :4545 CREEK ROAD CINCINNATI OH 45242 U.S.A.
(33) Name of priority country	:U.S.A.	(72)Name of Inventor :
(86) International Application No	:NA	1)KENNETH S WALES
Filing Date	:NA	2)FREDRICK E SHELTON IV
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A surgical stapling and severing instrument enables minimally invasive surgical procedures by having upper and lower jaws (i.e., anvil and staple channel) that are positioned with an elongate shaft and handle through surgical openings, and in particular through a cannula of a trocar. A pair of fluid actuator bladders (lift bags) are positioned in the staple channel beneath a proximally projecting lever tray so that transfer of fluid from the handle causes closing and clamping of the anvil. The bi-directional fluid control may be mechanically produced at the handle or by activating an electroactive polymer actuator. Once firing is sensed, an EAP plunger in a medical substance syringe inserted into the elongate shaft is activated to dispense a medical substance (e.g., anesthetics, adhesives, cauterising substances, antibiotics, etc.) and is guided along a firing bar to a cutting surface of an E-beam placing the substance on tissue as severed.

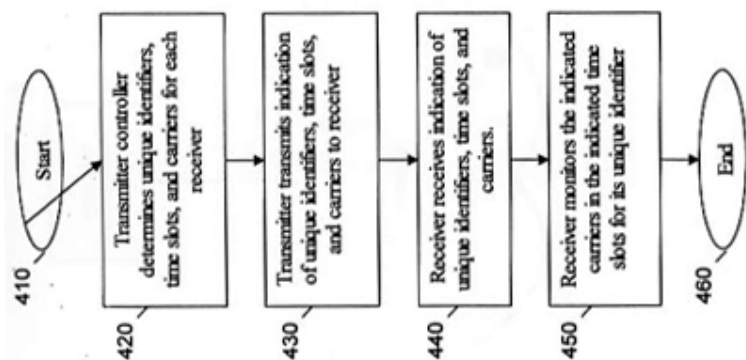


(54) Title of the invention : APPARATUS AND METHOD FOR SHARING A UNIQUE IDENTIFIER AMONG A PLURALITY OF RECEIVERS

(51) International classification	:H04Q7/00	(71)Name of Applicant :
(31) Priority Document No	:60/688,578	1)MOTOROLA. INC
(32) Priority Date	11/285,229	Address of Applicant :1303 EAST ALGONQUIN ROAD,
(33) Name of priority country	:08/06/2005	SCHAUMBURG, ILLINOIS 60196 U.S.A.
(86) International Application No	22/11/2005	(72)Name of Inventor :
Filing Date	:U.S.A.	1)MCBEATH, SEAN M
(87) International Publication No	:NA	2)O'CONNOR, JAMES M
(61) Patent of Addition to Application Number	:NA	3)PINCKLEY DANNY T
Filing Date	:NA	4)REED JOHN D
(62) Divisional to to Application Number	:NA	5)SMITH JACK A
Filing Date	:NA	6)SCHUMACHER JOSEPH R

(57) Abstract :

A method and apparatus for sharing a unique identifier among a plurality of receivers. A network controller (140) can establish at least one unique identifier and at least one corresponding time slot for which the unique identifier is valid for each assigned carrier of a wireless receiver (120). The network controller does this by determining at least one unique identifier and at least one corresponding time slot for which the unique identifier is valid for each assigned carrier of the wireless receiver and then sending an indication of the unique identifier(s), time slot(s), and carrier(s) to the wireless receiver. The wireless receiver receives the indication and then monitors at least one channel using the at least one unique identifier during the at least one corresponding time slot indicated.

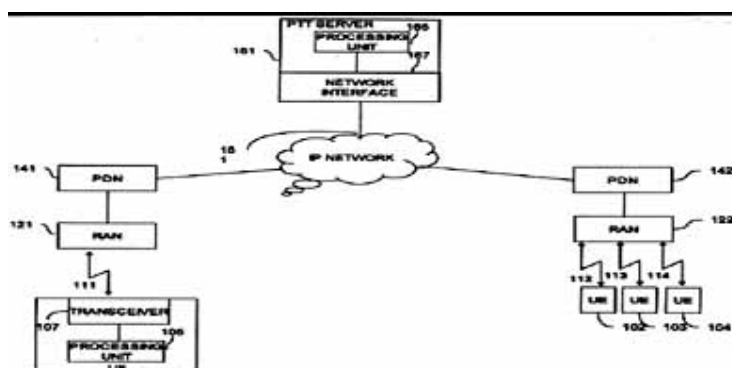


(54) Title of the invention : METHOD AND APPARATUS FOR SERIALY ESTABLISHING A GROUP CALL SESSION

(51) International classification	:H04Q7/20	(71)Name of Applicant :
(31) Priority Document No	:11/144,903	1)MOTOROLA INC.
(32) Priority Date	:03/06/2005	Address of Applicant :1303 EAST ALGONQUIN ROAD
(33) Name of priority country	:U.S.A.	SCHAUMBURG ILLINOIS 60196 U.S.A.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)HARRIS JOHN M
(87) International Publication No	: NA	2)KELLEY SEAN S
(61) Patent of Addition to Application Number	:NA	3)XU HUA
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Various embodiments are described for establishing a group call session serially. After receiving a serial group call request from a remote unit (101), fixed network equipment (FNE) (201) selects a first subset of members (260) from the targeted group (250) of units and signals those members to join the group call session. Various techniques for selecting the first subset may be employed depending on what system benefits are desired. A second subset of members (270) from the targeted group of units is also selected and signalled to join the session. This second subset may be used to invite additional units in order to achieve a maximum number of group participants. Alternatively, the second subset may be used to invite a different unit (or units) to participate. This can be triggered by a user request to invite another subset to the group session, as could occur when the user is not able to resolve the particular matter at-hand with the group members of the first subset.

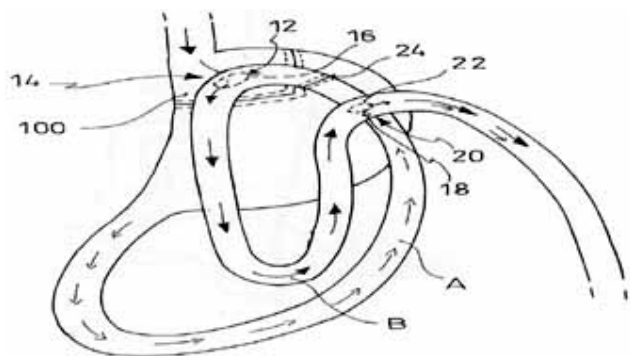


(54) Title of the invention : INSTRUMENTATION AND METHOD FOR CARRYING OUT A GASTROINTESTINAL BYPASS

(51) International classification	:A61B17/11; A61B19/00; A61B17/03	(71)Name of Applicant : 1)ETHICON ENDO-SURGERY, INC. Address of Applicant :4545 CREEK ROAD, CINCINNATI, OH 45242 OHIO CORPORATION U.S.A.
(31) Priority Document No	:MI2005A001004	(72)Name of Inventor :
(32) Priority Date	:27/05/2005	1)TACCHINO ROBERTO
(33) Name of priority country	:Italy	2)BILOTTI FEDERICO
(86) International Application No	:NA	3)D'ARCANGELO MICHELE
Filing Date	:NA	4)PASTORELLI ALESSANDRO
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An instrumentation for carrying out a gastrointestinal bypass comprises means for bringing close together a first tissue portion (12) of the intestine and second tissue portion (14) of the stomach by realising a first intestine loop (A) , means for creating a gastroenteroanastomosis (16) between the two close tissue portions, for example a linear stapler, maintaining or restoring the continuity of the intestinal duct after the realisation of the gastroenteroanastomosis, means for bringing close together an additional first tissue portion (18) of the intestine, arranged distally with respect to the gastroenteroanastomosis (16) with reference to the natural flow of the food along the intestinal duct, and an additional second tissue portion (20) of the intestine arranged proximally with respect to the gastroenteroanastomosis (16) with reference to the natural flow of the food along the intestinal duct, realising a second loop (B) of the intestine, wherein said additional second tissue portion (20) of the intestine arranged proximally with respect to the gastroenteroanastomosis (16) is brought close to the gastroenteroanastomosis (16), means for creating an enteroenteroanastomosis (22) between the two close tissue portions of the intestine, maintaining or restoring the continuity of the intestinal duct after the realisation of the enteroenteroanastomosis, and means for sectioning the intestine between the gastroenteroanastomosis (16) and the enteroenteroanastomosis (22).

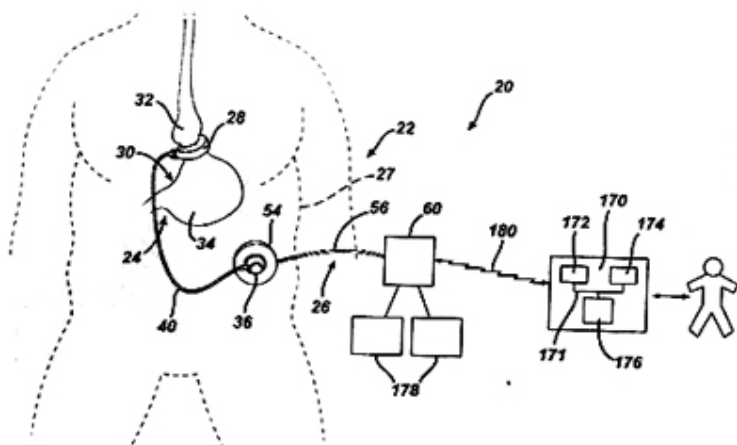


(54) Title of the invention : REMOTE MONITORING AND ADJUSTMENT OF A FOOD INTAKE RESTRICTION DEVICE

(51) International classification	:A61F5/00	(71)Name of Applicant :
(31) Priority Document No	:11/187881	1)ETHICON ENDO-SURGERY, INC.
(32) Priority Date	:24/06/2005	Address of Applicant :4545 CREEK ROAD CINCINNATI,OH
(33) Name of priority country	:U.S.A.	45242 U.S.A.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)WILLIAM L. HASSLER, JR.
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A bi-directional communication system for use with a restrictive opening device implanted within a patient. The system includes a sensor for measuring an operational parameter within the restrictive opening device. The system further includes a means for communicating a measured parameter data from the sensor means to a local unit external to the patient. The system further includes a base unit at a remote location from the patient, the base unit including user interface means for evaluating the measured parameter data. And, a communication link between the local and base units for transmitting data between the units, the transmitted data including the measured parameter data.

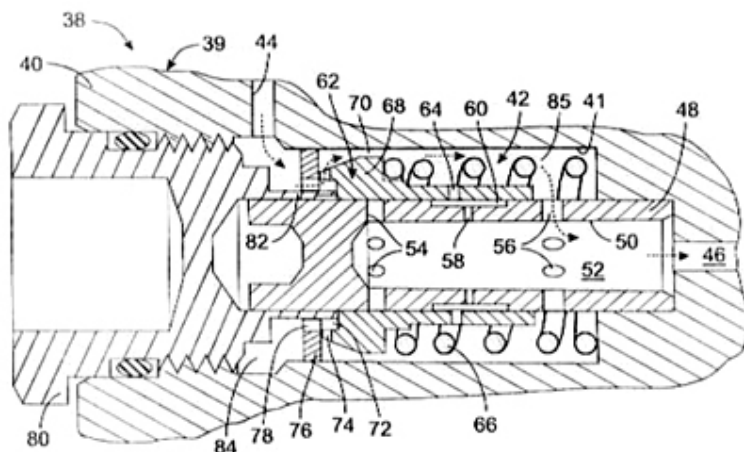


(54) Title of the invention : FLUID FLOW REGULATOR WITH OVER PRESSURE RELIEF FUNCTION

(51) International classification	:B64C1/14; B64C1/00	(71)Name of Applicant :
(31) Priority Document No	:11/136669	1)EATON CORPORATION
(32) Priority Date	:24/05/2005	Address of Applicant :1111 SUPERIOR AVENUE,CLEVELAND,OHIO 44114 U.S.A.
(33) Name of priority country	:U.S.A.	(72)Name of Inventor :
(86) International Application No	:NA	1)ROBERT EDWARD HOLDER
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A flow regulator (38) includes a body with an aperture into which an inlet (44) and an outlet open. A pin (48) has a bore extending therein and communicating with the outlet. A first aperture, a second aperture and a bypass orifice (58) are spaced longitudinally along the pin and extend there through opening into the bore. A valve member (62) is slide ably located around the pin and is biased by a spring (66) into a first position along the pin in which the valve member closes the first aperture while opening the second aperture. When a pressure differential between the inlet (44) and outlet exceeds a first level, the valve member (62) moves away from the first position and begins covering the second aperture. Thereafter continuing increase of the pressure differential above a greater second level results in the valve member (62) moving into a second position at which both the first and second apertures are closed. However in the second position, a secondary flow path exists between the inlet (44) and the outlet through the bypass orifice (58). Further increase of the pressure differential significantly above the second level causes the valve member (62) to move into a pressure relief position in which the first aperture is open while the second aperture remains closed.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.494/KOL/2006 A

(19) INDIA

(22) Date of filing of Application :24/05/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : "REFRIGERATION LUBRICANT COMPOSITION"

(51) International classification	:C09K5/04	(71)Name of Applicant :
(31) Priority Document No	:2005-156071	1)NOF CORPORATION
(32) Priority Date	:27/05/2005	Address of Applicant :20-3, EBISU 4-CHOME SHIBUYA-KU
(33) Name of priority country	:Japan	TOKYO 150-6019 Japan
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)YAMADA MUNEHIRO
(87) International Publication No	: NA	2)KAJIKI TAKESHI
(61) Patent of Addition to Application Number	:NA	3)SHIZUKA NOBUHIKO
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

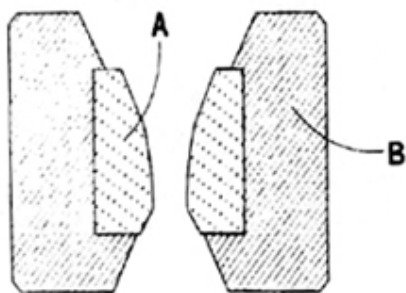
The present invention provides a refrigeration lubricant composition comprises an ester obtained by reacting a mixed alcohol and a mixed saturated straight-chain carboxylic acid, wherein the mixed alcohol consists of 10 to 50 mol% of neopentyl glycol, 50 to 89 mol% of pentaerythritol, and 0.03 to 3 mol% of dipentaerythritol, the mixed saturated straight-chain carboxylic acid consists of 70 to 95 mol% of pentanoic acid and heptanoic acid, and 5 to 30 mol% of caprylic acid in a specific ratio, and the composition has a kinematic viscosity at 40°C of 6 to 28 mm²/s.

(54) Title of the invention : TOOL FOR COLDFORMING OPERATIONS WITH IMPROVED PERFORMANCE

(51) International classification	:C10M1/32	(71)Name of Applicant :
(31) Priority Document No	:0501201-8	1)SANDVIK INTELLECTUAL PROPERTY AB
	0502290-0	Address of Applicant :S-811 81 SANDVIKEN, SWEEDEN Sweden
(32) Priority Date	:27/05/2005	(72)Name of Inventor :
	17/10/2005	1)ENGSTRÅ-M HÅkan
(33) Name of priority country	:Sweden	2)BRUGUERA Louis Minarroí
(86) International Application No	:NA	3)SALAS, VASCO I
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

(57) Abstract : The present invention relates to cemented carbide for steel tire cord drawing operations. The cemented carbide comprises WC with an

ultra fine grain size and >5 but ~10 weight-% Co, including grain growth inhibitors (V and/or Cr) and with a specific relation between HV30 and cobalt content.

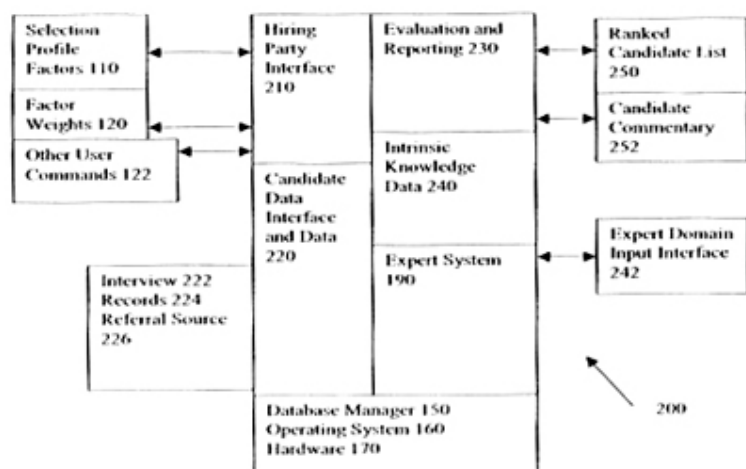


(54) Title of the invention : METHOD AND APPARATUS FOR CANDIDATE EVALUATION

(51) International classification	:G06Q99/00	(71)Name of Applicant :
(31) Priority Document No	:11/144,874	1)eCONTINUUM, LLC
(32) Priority Date	:03/06/2005	Address of Applicant :SUITE 203 3948 WEST 50th Street,
(33) Name of priority country	:U.S.A.	Minneapolis, MN 55424 U.S.A.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)ORRIN R. BROBERG
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention, in one embodiment, is a system for assisting in evaluating candidates for jobs, advancement, training or other business association. The system has a program component defining a plurality of selection profile factors, each with a set of two or more responsive characteristics associated with a candidate; and a program component defining a scoring schema associated with each set of two or more responsive characteristics, each responsive characteristics having an associated scoring value S_{ij} based on intrinsic knowledge. The system additionally has a program component for defining a weighting vector containing a weighting value W_i for one or more of the plurality of selection profile factors and a program component for accessing data representing responsive characteristics of one or more candidates for the plurality of selection profile factors. Further there is a program component for developing an evaluation of each candidate's responsive characteristics relevant to the selection profile factors, said evaluation comprising determining scoring values associated with the candidate responsive characteristics and applying to the determined scoring values a weighting value corresponding to the selection profile factor, then aggregating for each candidate the resulting weighted scoring values for each responsive characteristic of such candidate.

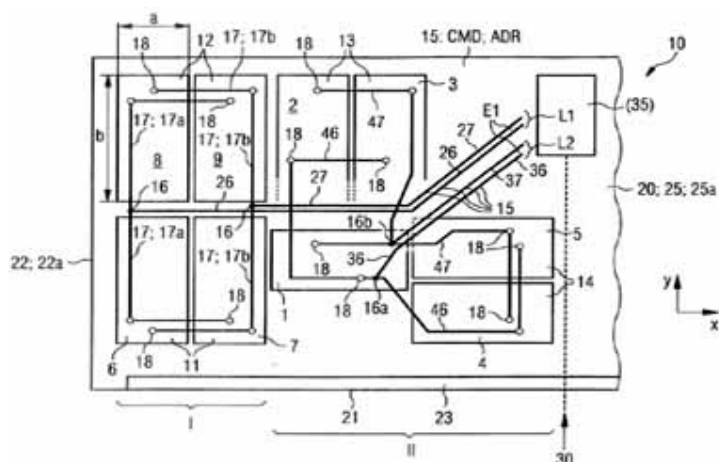


(54) Title of the invention : MEMORY MODULE WITH AN ELECTRONIC PRINTED CIRCUIT BOARD AND A PLURALITY OF SEMICONDUCTOR CHIPS OF THE SAME TYPE

(51) International classification	:G11C	(71)Name of Applicant :
(31) Priority Document No	:102005051497.9	1)INFINEON TECHNOLOGIES AG,
(32) Priority Date	:26/10/2005	Address of Applicant :ST.-MARTIN-STR. 53, 81669 MUNCHEN
(33) Name of priority country	:Germany	Germany
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)SIVA RAGHURAM,
(87) International Publication No	: NA	2)JOSEF SCHUSTER
(61) Patent of Addition to Application Number	:NA	3)SIMON MUFF
Filing Date	:NA	4)ABDALLAH BACHA
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention proposes a memory module (10) having an electronic printed circuit board (20) and a plurality of semiconductor chips (1, ..., 9, 1', ... , 9') of the same type, in which - the printed circuit board (20) extends in the first direction(x)between two opposite edges (22; 22a,22b) , - at least nine of the semiconductor chips (1, ..., 9;1', ..., 9') of the same type are respectively mounted next to one another on the printed circuit board (20) between the center (30) of the printed circuit board (20) and a respective one of the edges (22a; 22b) of the printed circuit board (20), - the semiconductor chips of the same type respectively have a smaller dimension (a) and, in the direction perpendicular to the smaller dimension (a) , a larger dimension (b) which is larger than the smaller dimension (a), - a respective first group (I) of four of the semiconductor chips (6, 7, 8, 9; 6', 7', 8', 9') of the same type, which are oriented so as to have their shorter dimension (a) parallel to the connector strip (23) , is arranged at the respective edge (22a; 22b)of the printed circuit board (20), and - a second group (II) of five (1, ... , 5; 1', ... 5') of the semiconductor chips of the same type is respectively arranged between the first group (I) of semiconductor chips and the center (30) of the printed circuit board (20), and - where the first group (I) of semiconductor chips and the second group (II) of semiconductor chips are respectively connected by two separate line buses (L1, L2) whose conductor tracks (15) branch toward all the semiconductor chips in the respective group (I; II) of semiconductor chips. The inventive memory module allows largely interference-free actuation of all memory chips in the memory module without significant signal propagation time differences within the respective line buses (L1, L2) .

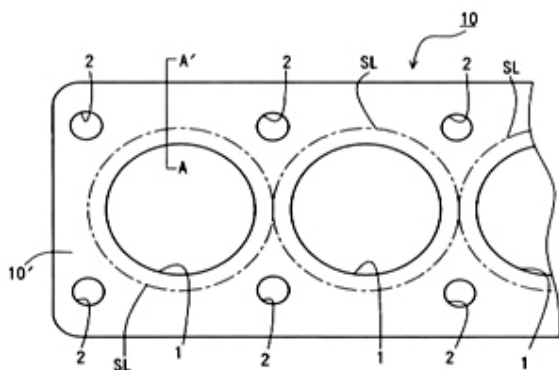


(54) Title of the invention : GASKET

(51) International classification	:B23K26/00	(71)Name of Applicant :
	:2005-	1)JAPAN METAL GASKET CO. LTD.,
(31) Priority Document No	308,372	Address of Applicant :CORPORATION OF JAPAN, 3308 AZA
	2005-	DEGUCHI OAZA MIKAJIRI, KUMAGAYA-SHI, SAITAMA 360-
	357,699	0843 Japan
(32) Priority Date	:24/10/2005	(72)Name of Inventor :
	12/12/2005	1)KOSAKU UETA
(33) Name of priority country	:Japan	2)NOBUHIDE KOBAYASHI
(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 to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A gasket which can uniformise the facial pressure on the thickened part more securely is to be provided. A gasket 10 comprises a pair of base plates 10' and 10' stacked above and underneath, in which combustion chamber holes 1 and bolt holes 2 are bored, a doubling plate 10" and shim plates 11 intervene between these base plates 10" and 10". On this doubling plate 10", a second bead BD2, which permits plastic deformation, extends in the circumferential direction of each combustion chamber hole 1. As the second bead BD2 is deformed according to the magnitude of the fastening load, the gasket height lowers where the fastening load is heavy and the facial pressure on the peripheries of combustion chamber holes 1 is uniformised after fastening.

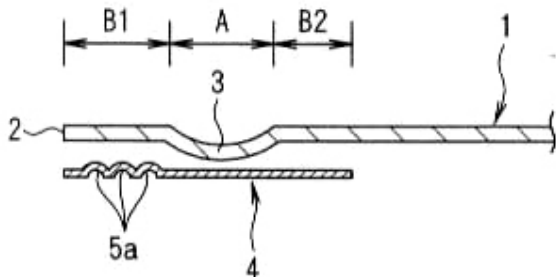


(54) Title of the invention : GASKET

(51) International classification	:B23K26/00	(71)Name of Applicant :
	:2005-305,	1)JAPAN METAL GASKET CO. LTD.
(31) Priority Document No	790	Address of Applicant :CORPORATION OF JAPAN, 3308 AZA
	2005-	DEGUCHI OAZA MIKAJIRI, KUMAGAYA-SHI, SAITAMA 360-
	364,972	0843 Japan
(32) Priority Date	:20/10/2005	(72)Name of Inventor :
	19/12/2005	1)KOSAKU UETA
(33) Name of priority country	:Japan	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A gasket which can secure a sufficient sealing capability even for compact, light and less rigid high-performance engines is to be provided. The gasket comprises a metallic base plate 1 and a shim plate 4 stacked around each of combustion chamber holes 2 in the base plate 1. A base plate bead 3 consisting of a full bead is formed along the circumference of each of the combustion chamber holes 2. The shim plate 4 is large enough to be arranged opposite a first flat part B1, a base plate bead formation position A and a second flat part B2 in the base plate 1. A plurality of strips of auxiliary beads 5a are formed in the part of the shim plate 4 opposite the base plate 1.

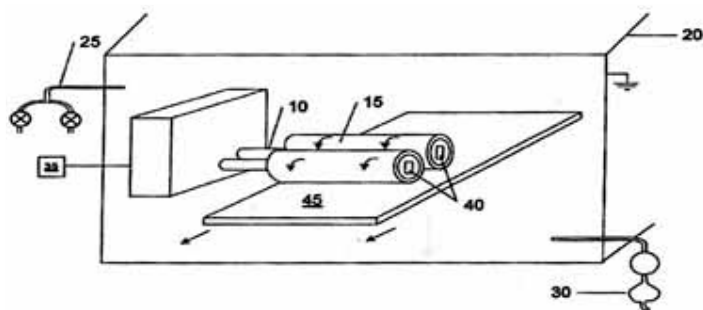


(54) Title of the invention : "SYSTEM AND METHOD FOR CONTROLLING ION DENSITY AND ENERGY USING MODULATED POWER SIGNALS"

(51) International classification	:H01L21/02	(71)Name of Applicant :
(31) Priority Document No	:11/152,469	1)APPLIED FILMS CORPORATION
(32) Priority Date	:14/06/2005	Address of Applicant :9586 I-25, FRONTAGE ROAD,
(33) Name of priority country	:U.S.A.	LONGMOUNT, COLORADO-80504 U.S.A.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)STOWELL MICHAEL W.
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method for controlling ion density and sputtering rate in a sputtering system is disclosed. In one embodiment, a first pulse-width power signal is applied to the cathode to thereby generate a higher concentration of ions. The pulse-width of the first pulse-width power signal is then decreased to thereby increase the sputtering rate and decrease the ion density around the cathode. Next, the process is repeated to create a modulated signal.

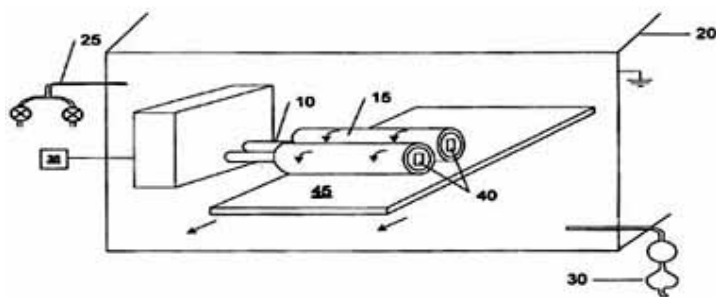


(54) Title of the invention : "SYSTEM AND METHOD FOR MODULATING POWER SIGNALS TO CONTROL SPUTTERING"

(51) International classification	:C23C014/00 H05H1/24	(71)Name of Applicant : 1)APPLIED FILMS CORPORATION
(31) Priority Document No	:11/152,470	Address of Applicant :9586 I-25, FRONTAGE ROAD, LONGMOUNT COLORADO-80504 U.S.A.
(32) Priority Date	:14/06/2005	(72)Name of Inventor :
(33) Name of priority country	:U.S.A.	1)STOWELL MICHWEL W.
(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 to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

One embodiment includes a sputtering system that includes a vacuum chamber; a substrate transport system configured to transport a substrate through the vacuum chamber; a cathode for supporting a sputtering target, the cathode at least partially inside the vacuum chamber; and a power supply configured to supply power to the cathode and the power supply configured to output a modulated power signal. Depending upon the implementation, the power supply can be configured to output an amplitude-modulated power signal; a frequency-modulated power signal; a pulse-width power signal; a pulse-position power signal; a pulse-amplitude modulated power signal; or any other type of modulated power or energy signal.

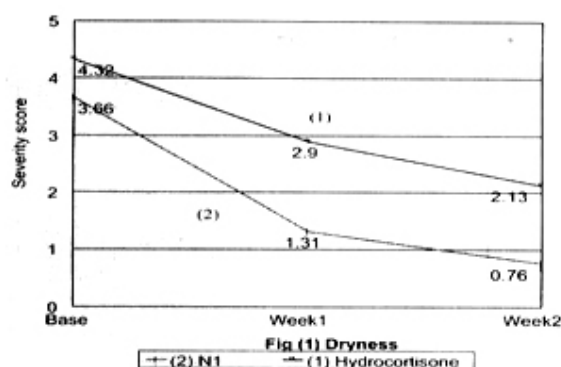


(54) Title of the invention : "AN AEROSOL APPARATUS CONTAINING A COMPOSITION FOR APPLYING SIMULTANEOUSLY SEVERAL TOPICAL STIMULI"

(51) International classification	:A61M11/02; A61F7/00	(71)Name of Applicant :
(31) Priority Document No	:EP05105216.5 EP05111304.1 EP06090077.6	1)RIZK NELLY KAMEL Address of Applicant :8 KNIGHTON CLOSE, SOUTH CROYDON, SURREY CR2 6DP U.K.
(32) Priority Date	:14/06/2005 25/11/2005 16/05/2006	(72)Name of Inventor :
(33) Name of priority country	:EUROPEAN UNION	1)RIZK NELLY KAMEL
(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 to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention comprises an aerosol apparatus containing a non-flammable, water-based composition, the viscosity of which composition is from 0.2 to 30 mPa.s at 20° C , which apparatus is adapted in use to release cool water-based particles for the simultaneous topical application of thermal and mechanical kinetic energy stimuli for skin or body tissue cooling and for the generation of pulses in the body respectively, at a pressure of from 0.5 to 11 bars at 20° C which pressure is created by using dimethyl ether or liquefied petroleum gas or a mixture of the two to discharge said water-based particles at a rate of from 0.1 to 8 gm/sec at 20° C at a discharge angle of from 0.0° to 145° at 20° C, at a temperature which is higher than 0°C and lower than the ambient temperature and with a particle diameter of from 10 to 600 microns.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.506/KOL/2006 A

(19) INDIA

(22) Date of filing of Application :29/05/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : "FLUOROPOLYMER COATING COMPOSITIONS FOR THREADED FASTENER"

(51) International classification	:F16B37/12	(71) Name of Applicant :
(31) Priority Document No	:60/686,204	1)NYLOK CORPORATION
(32) Priority Date	:01/06/2005	Address of Applicant :15260 HALLMARK DRIVE, MACOMB
(33) Name of priority country	:U.S.A.	MICHIGAN 48042-4007 U.S.A.
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)ALAIMO GREGORY
(87) International Publication No	: NA	2)DUFFY RICHARD J.(DECEASED)
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

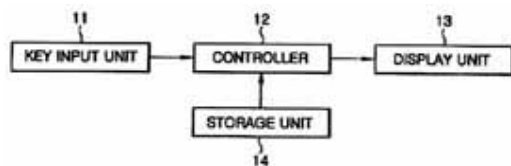
A method of manufacturing a coated threaded fastener wherein the coating acts as a contaminant mask and the coating is applied as a dry powder mixture including a fluoropolymer resin, an inert filler and a coloring pigment.

(54) Title of the invention : "APPARATUS AND METHOD FOR INPUTTING CHARACTERS OF MOBILE TERMINAL"

(51) International classification	:H04M1/00	(71)Name of Applicant :
(31) Priority Document No	:49015/2005	1)LG ELECTRONICS INC.
(32) Priority Date	:08/06/2005	Address of Applicant :20, YOIDO-DONG YONGDUNGPO-GU
(33) Name of priority country	:Republic of Korea	SEOUL Republic of Korea
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)MIN ZEE-YOUNG
(87) International Publication No	: NA	2)HEO JEONG-YUN
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An apparatus and method for inputting characters of a mobile terminal are disclosed to allow a user to easily and quickly input a desired character by displaying all the characters allocated to number keys of a mobile terminal on a screen of the mobile terminal. The apparatus for inputting characters of a mobile terminal includes a key input unit; a display unit divided into an editing region and a character navigation region; and a controller for displaying a character list including characters allocated to a specific number key of the key input unit in the character navigation region when the specific number key is selected.

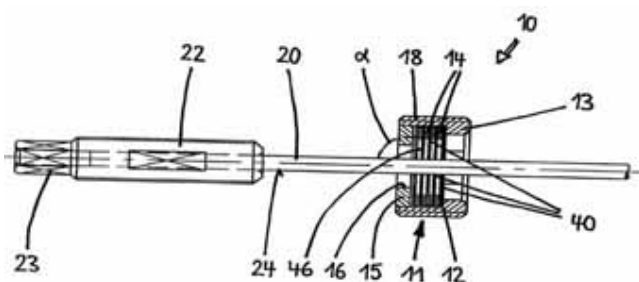


(54) Title of the invention : "INJECTION-MOLDING APPARATUS CLEANING SYSTEM, AND INJECTION MOLDING APPARATUS."

(51) International classification	:F16P	(71)Name of Applicant :
(31) Priority Document No	:10 2005	1)GUNTHER HEIBKANAL TECHNIK GMBH
(32) Priority Date	028 100.1	Address of Applicant :SACHSENBERGER STRAßE 1 D-35066
(33) Name of priority country	:16/06/2005	FRANKENBERG/EDER Germany
(86) International Application No	:Germany	(72)Name of Inventor :
Filing Date	:NA	1)GUNTHER HERBERT
(87) International Publication No	:NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

To keep the shutoff needles (20) of an injection molding apparatus (1) clean during operation, a cleansing unit (10) is used within said apparatus. The injection molding apparatus (1) comprises at least one needle shutoff nozzle feeding a flowable material to a detachable mold insert, the shutoff needle (20) being displaceable by a drive unit into an open position and a closed position. At least one cleansing element (40) geometrically matching the outer surface of the shutoff needle (20) is associated with each needle to remove material clinging to its outer surface (24). The preferably planar cleansing elements (40) are combined into a set of wipers in a housing (11), spacers (14) being configured between two adjacent cleansing elements (40). The housing (11) is affixable on or in the injection molding apparatus (1).



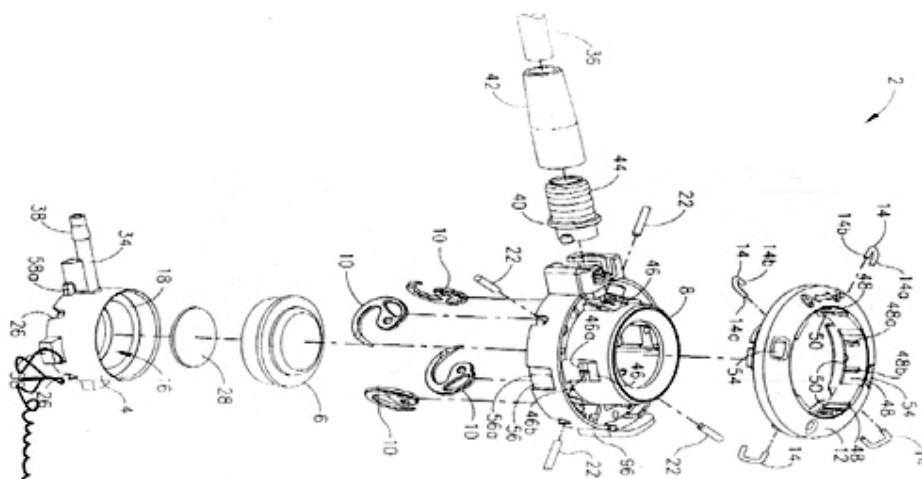
(54) Title of the invention : IMPLANTABLE MEDICAL DEVICE WITH REVERSIBLE ATTACHMENT METHOD AND METHOD

(51) International classification :A61N1/375
 (31) Priority Document No :11/166,625
 (32) Priority Date :24/06/2005
 (33) Name of priority country :U.S.A.
 (86) International Application No :NA
 Filing Date :NA
 (87) International Publication No : NA
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :
1)ETHICON ENDO-SURGERY, INC
 Address of Applicant :4545 CREEK ROAD Cincinnati, OH 45242
 U.S.A.
 (72)Name of Inventor :
1)Joshua Uth
2)Randal T. Byrum
3)Sean P. Conlon

(57) Abstract :

An attachment mechanism for a surgically implantable medical device includes one or more fasteners which may be simultaneously moved from an undeployed position to a deployed position by operation of an integral actuator. The attachment mechanism may be configured to be deactuated, and the fasteners simultaneously moved from a deployed position to an undeployed position, allowing removal or repositioning of the medical device. An applier includes a locator for detachably holding the implantable medical device, locating it at the desired position, and actuating the attachment mechanism. The applier is configured to undeploy the attachment mechanism the implantable medical device can be detached from the body tissue.



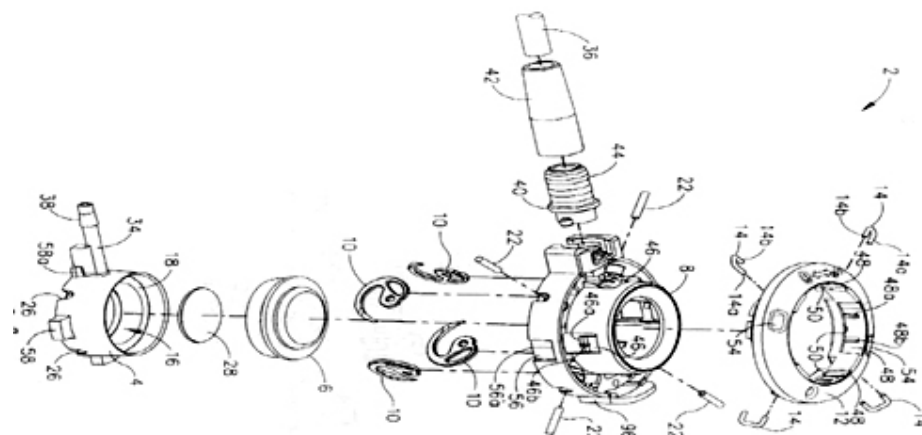
(54) Title of the invention : IMPLANTABLE MEDICAL DEVICE WITH SIMULTANEOUS ATTACHMENT MECHANISM AND METHOD

(51) International classification :A61N1/375
 (31) Priority Document No :11/166,610
 (32) Priority Date :24/06/2005
 (33) Name of priority country :U.S.A.
 (86) International Application No :NA
 Filing Date :NA
 (87) International Publication No : NA
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

(71)**Name of Applicant :**
1)ETHICON ENDO-SURGERY, INC
 Address of Applicant :4545 Creek Road Cincinnati,OH 45242 U.S.A.
 (72)**Name of Inventor :**
1)Joshua Uth
2)Randal T. Byrum
3)Sean P. Conlon

(57) Abstract :

An attachment mechanism for a surgically implantable medical device includes one or more fasteners which may be simultaneously moved from an undeployed position to a deployed position by operation of an integral actuator. The attachment mechanism may be configured to be deactuated, and the fasteners simultaneously moved from a deployed position to an undeployed position, allowing removal or repositioning of the medical device. An applier includes a locator for detachably holding the implantable medical device, locating it at the desired position, and actuating the attachment mechanism. The applier is configured to undeploy the attachment mechanism the implantable medical device can be detached from the body tissue.

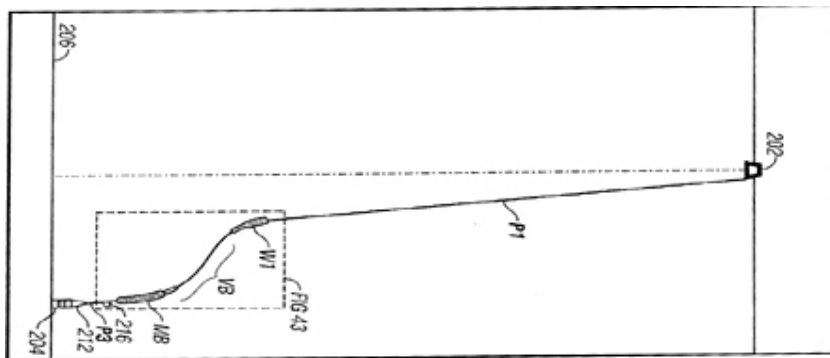


(54) Title of the invention : "SUBSEA WELL COMMUNICATIONS APPARATUS AND METHOD USING VARIABLE TENSION LARGE OFFSET RISERS"

(51) International classification	:E21B29/12	(71)Name of Applicant :
(31) Priority Document No	:11/162,141	1)KELLOGG BROWN & ROOT LLC
(32) Priority Date	:30/08/2005	Address of Applicant :4100 CLINTON DRIVE HOUSTON TEXAS
(33) Name of priority country	:U.S.A.	77020 U.S.A.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)BHAT SHANKAR ULUVANA
(87) International Publication No	: NA	2)MUNGALL JOHN CHRISTIAN HARTLEY
(61) Patent of Addition to Application Number	:NA	3)ANDERSEN DAVID BRIAN
Filing Date	:NA	4)HAVERTY KEVIN GERARD
(62) Divisional to to Application Number	:NA	5)HAVERTY KEVIN GERARD
Filing Date	:NA	6)MANKU DAVINDER
		7)BARR SEAN K.

(57) Abstract :

Disclosed are compliant variable tension risers (106) to connect deep-water subsea wellheads (102) to a single floating platform (104) in wet tree or dry tree systems. The variable tension risers (106) allow several subsea wellheads (102), in water depths from 1220 to 3050 meters, at lateral offsets from one-tenth to twice the depth or more, to tie back to a single floating platform (104). Also disclosed are methods to counter buoyancy and install variable tension risers using a weighted chain ballast line (228, 230).

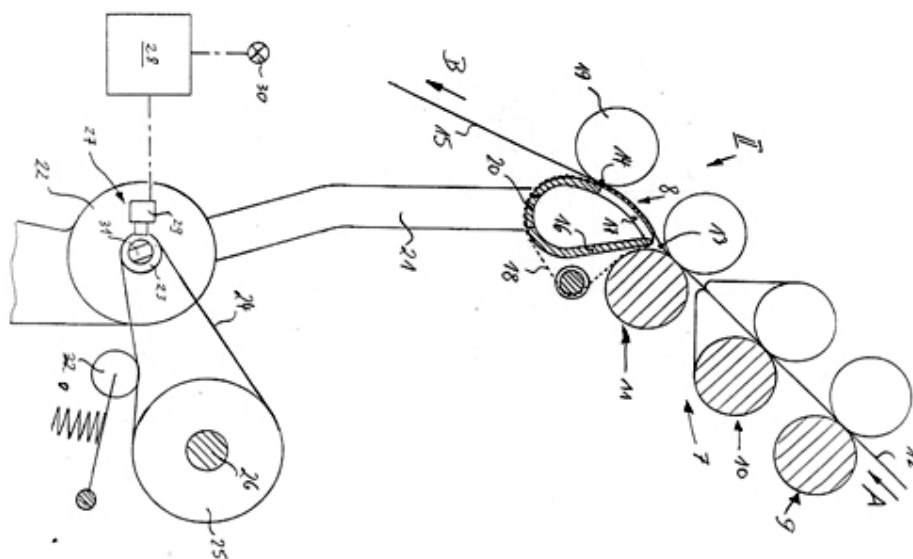


(54) Title of the invention : SPINNING MACHINE HAVING A NUMBER OF SPINNING POSITIONS

(51) International classification	:D01H4/00	(71)Name of Applicant :
(31) Priority Document No	:10 2005	1)MASCHINENFABRIK RIETER AG
(32) Priority Date	:030 273.4	Address of Applicant :Klosterstrasse 20 8406 Winterthur Switzerland
(33) Name of priority country	:21/06/2005	(72)Name of Inventor :
(86) International Application No	:Germany	1)Wolfgang LEHNER
Filing Date	:NA	2)Ralf MECHEL
(87) International Publication No	:NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Described is a spinning machine having a plurality of spinning positions, each of which comprises a vacuum-operated condensing zone for condensing a fibre strand. The low pressure is generated by a number of fans, whereby each of the fans are arranged to a number of spinning positions. Each fan comprises a monitoring device, which monitors an operating parameter of the fan relating to the low pressure. The operating parameter monitored by the monitoring device is the rotational fan speed, which can be measured by non-contact operating sensors.

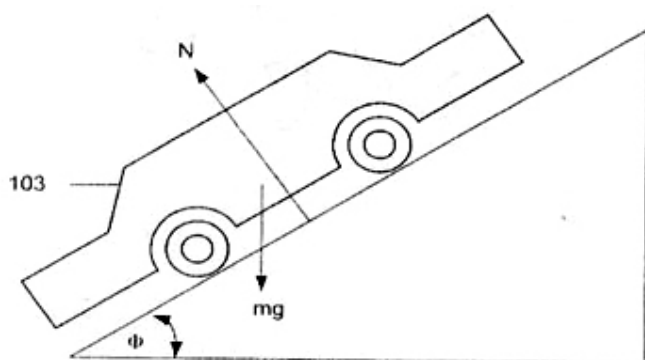


(54) Title of the invention : REAL-TIME DETERMINATION OF GRADE AND SUPERELEVATION ANGLES OF ROADS

(51) International classification	:G06F17/00	(71)Name of Applicant :
(31) Priority Document No	:11/144,475	1)EATON CORPORATION
(32) Priority Date	:02/06/2005	Address of Applicant :Eaton Center 1111 Superior Avenue
(33) Name of priority country	:U.S.A.	Cleveland, Ohio 44114 U.S.A.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)Yashwant Khodabhal Ameen
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A novel method 400, apparatus 500, and system 600 are disclosed for estimating a grade angle and superelevation angle of a road upon which a vehicle 103 is travelling. In one embodiment, the present teachings comprise a method 400 for measuring a quantity of specified vehicle associated parameters, including a grade angle composite acceleration parameter, which is used to derive an estimation of a grade angle. Similarly, a superelevation composite acceleration parameter is measured, and subsequently used to derive an estimation of a superelevation angle.



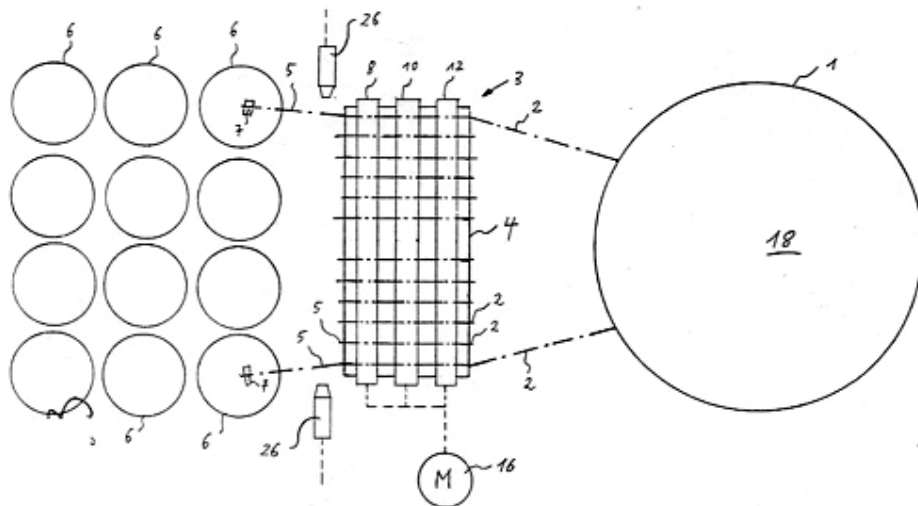
(54) Title of the invention : A PROCESS AND AN ARRANGEMENT FOR PRODUCING KNITTED FABRICS

(51) International classification :D06C7/00
 (31) Priority Document No :10 2005
 (32) Priority Date :031 079.6
 (33) Name of priority country :27/06/2005
 (86) International Application No :Germany
 Filing Date :NA
 (87) International Publication No :NA
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :
1)SPINDELFABRIK SUESSEN GMBH
 Address of Applicant :DAMMSTRABE 1, D-73079 SUSSEN,
 Germany
 (72)Name of Inventor :
1)GERD STAHLER
2)GERNOT SCHAFFLER

(57) Abstract :

A process and an arrangement for producing knitted fabric comprises a knitting arrangement having knitting needles and at least one knitting position. The arrangement comprises also at least one drafting device for drafting a fibre strand, which drafting device produces a fibre strand of the desired degree of fineness upstream of the knitting position. A monitoring device for the sliver is provided, which is preferably arranged in fibre transport direction upstream of the drafting device, which monitoring device can send a signal to shut down the knitting device and the drafting device when the sliver feed is interrupted.

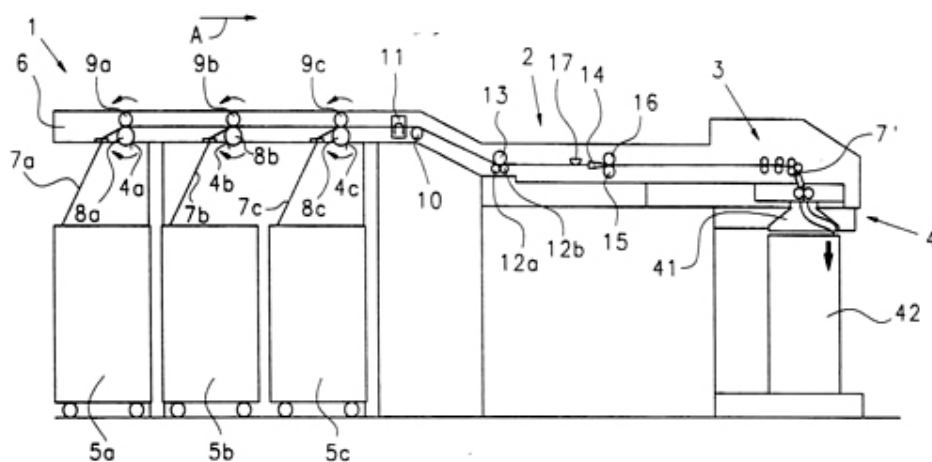


(54) Title of the invention : APPARATUS FOR DETECTING A PARAMETER AT A PLURALITY OF SLIVERS FED TO A DRAFTING SYSTEM OF A SPINNING MACHINE

(51) International classification	:D01H	(71)Name of Applicant :
(31) Priority Document No	:10 2005	1)TRUTZSCHLER GMBH & CO. KG.
(32) Priority Date	:13/07/2005	Address of Applicant :Duvenstrasse 82-92 D-41199
(33) Name of priority country	:Germany	Monchengladbach Germany
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	: NA	1)FRANZ-JOSEF MINTER
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

In an apparatus for detecting a parameter at a plurality of slivers fed to a drafting system of a spinning machine, especially for detecting the movement and/or the presence of a sliver, in which the parameter is measurable separately at each sliver, each sliver is drawn out of sliver cans over at respective driven feed roller and fed to the drafting system and is mechanically sensed by a feeler element, the deflections of which are convertible into electrical signals and which feeler element has a sensor element associated with it. To allow an improved and more accurate detection of the individual slivers in a structurally simple manner, a contactless distance sensor (distance-measuring sensor), which is connected to an electrical evaluating unit, is provided to detect the position of each feeler element.

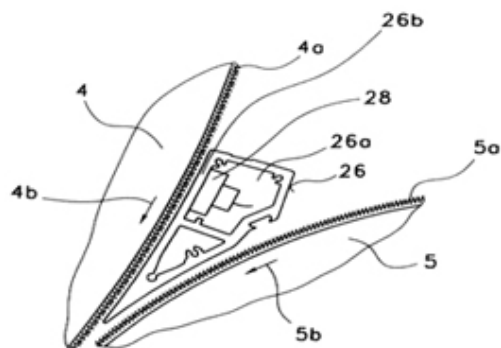


(54) Title of the invention : APPARATUS AT A SPINNING PREPARATION MACHINE, ESPECIALLY A FLAT CARDING MACHINE, ROLLER CARDING MACHINE, OR THE LIKE, HAVING A ROLLER, E.G. A CYLINDER, WHICH HAS A CYLINDRICAL CLOTHED PERIPHERAL SURFACE

(51) International classification	:D01G15/00	(71)Name of Applicant :
(31) Priority Document No	:10 2005	1)TRUTZSCHLER GMBH & CO. KG.
(32) Priority Date	038 401.3	Address of Applicant :DUVENSTRASSE 82-92 D-41199
(33) Name of priority country	:12/08/2005	MONCHENGLADBACH Germany
(86) International Application No	:Germany	(72)Name of Inventor :
Filing Date	:NA	1)ROBERT TOBBEN
(87) International Publication No	:NA	2)GERD PFERDMENGES
(61) Patent of Addition to Application Number	:NA	3)THOMAS SCHMITZ
Filing Date	:NA	4)ARMIN LEDER
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

In an apparatus at a spinning preparation machine, especially a flat card, roller card or the like, having a roller, for example a cylinder, which has a cylindrical clothed peripheral surface, having at least one clothed and/or not clothed, movable or stationary machine element located opposite the roller clothing and spaced radially therefrom and two fixed lateral holding devices (side panels), on which work elements, e.g. sliding bends for revolving flat bars, stationary carding elements, roller coverings are mounted, in which at least two measuring elements for detecting variables linked to the dimensions of the roller are provided, the measuring elements are connected to an electronic control and regulating device and a first measuring element is in the form of a temperature probe for the temperature of the roller surface and a second measuring element is in the form of a rotational speed sensor for the speed of the roller. To allow an actual carding nip to be determined at any desired time and to permit a comparison with a preset carding nip, a third measuring element is in the form of a temperature probe for the temperature (T2) of the holding devices (side panels) and the electronic control and regulating device is capable of determining the actual spacing (a2) at the actual temperatures (T1, T2) for the roller and the side panels.

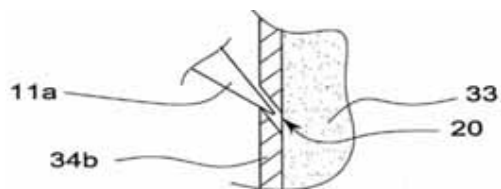


(54) Title of the invention : SYSTEM FOR ALTERING THE ARRANGEMENT OF THE POWDERS FORMING A STRIP FOR THE FORMING OF CERAMIC TILES OR SLABS

(51) International classification	:B28B13/02; B28B13/00	(71)Name of Applicant :
(31) Priority Document No	:RE2005A000084	1)SACMI COOPERATIVA MECCANICI IMOLA SOCIETA COOPERATIVA
(32) Priority Date	:19/07/2005	Address of Applicant :17/A, VIA SELICE PROVINCIALE I-40026
(33) Name of priority country	:Italy	(BOLOGNA) Italy
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)VALLI SILVANO
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A system for altering the arrangement of the powders (33) forming a strip (100) for the forming of ceramic tiles or slabs comprising a hopper (34) having a prismatic conformation with a front face (34a) and a rear face (34b) placed transverse with respect to the direction of an underlying movable horizontal drop surface (2) and at a distance (B) substantially equal to the thickness (S) of the strip of powders (100) to be compacted, said hopper (34) being adapted to transfer onto said movable surface (2) a strip of powders (100) reproducing the same prearranged arrangement of the powders (33) present in the hopper (34), where said system comprises alteration means (11;12;13) of the prearranged arrangement of the powders (33), said alteration means (11;12;13) being arranged on the hopper (34) and adapted to operate on the powders (33) before they are transferred onto said movable surface (2).

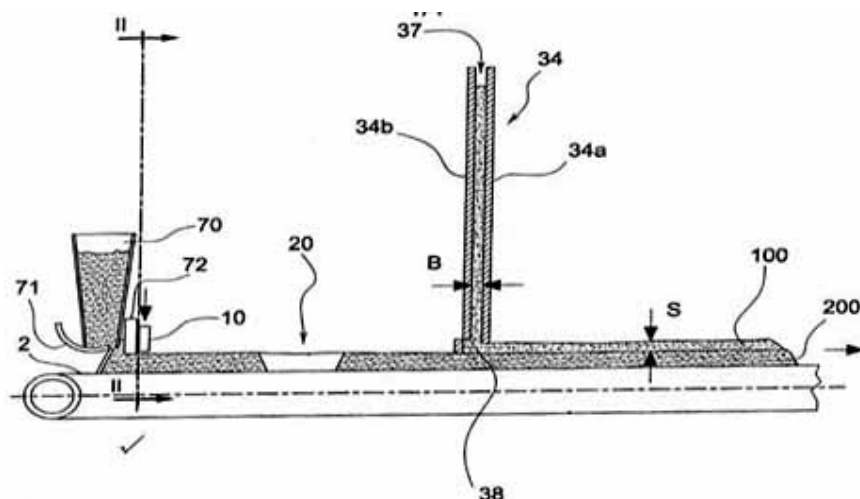


(54) Title of the invention : SYSTEM FOR ALTERING THE ARRANGEMENT OF THE POWDERS FORMING A STRIP FOR THE FORMING OF CERAMIC TILES OR SLABS

(51) International classification	:B28B13/02; B28B13/00	(71) Name of Applicant : 1)SACMI COOPERATIVA MECCANICI IMOLA SOCIETA
(31) Priority Document No	:RE2005A000086	COOPERATIVA
(32) Priority Date	:19/07/2005	Address of Applicant :17/A, VIA SELICE PROVINCIALE I-40026
(33) Name of priority country	:Italy	IMOLA (BOLOGNA) Italy
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)VALLI SILVANO
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A system for altering the arrangement of the powders (33) forming a strip (100) of coloured powders on a base layer (200) which continuously advances, for the forming of ceramic tiles and slabs, comprising a hopper (34) having a prismatic conformation with a front face (34a) and a rear face (34b) placed transverse with respect to the advancing direction of the underlying and horizontally movable base layer (200), said hopper (34) being adapted to transfer onto said base layer (200) a strip of powders (100) having a prearranged arrangement, where said system comprises means (10) adapted to create grooves (20) on the base layer (200) before said strip of powders (100) is transferred on top of said base layer (200).

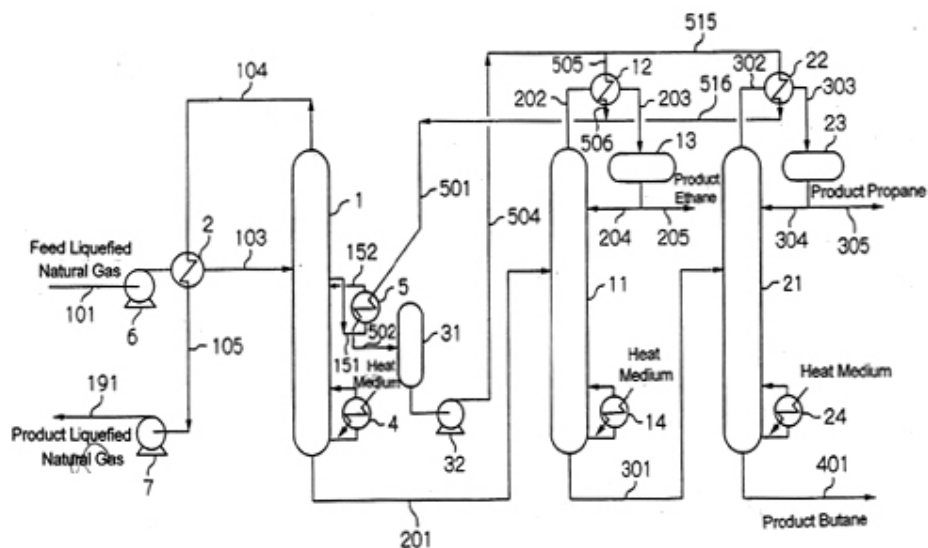


(54) Title of the invention : PROCESS AND APPARATUS FOR SEPARATION OF HYDROCARBONS FROM LIQUEFIED NATURAL GAS

(51) International classification	: C07C7/00 F25J3/00	(71)Name of Applicant :
(31) Priority Document No	:2005-173461	1)TOYO ENGINEERING CORPORATION
(32) Priority Date	:14/06/2005	Address of Applicant :2-5, KASUMIGASEKI 3-CHOME CHIYODA-KU, TOKYO 100-6007 Japan
(33) Name of priority country	:Japan	(72)Name of Inventor :
(86) International Application No	:NA	1)Hiroshi YOKOHATA
Filing Date	:NA	2)Shoichi YAMAGUCHI
(87) International Publication No	: NA	3)Akihiko TAMAKOSHI
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A process for separating hydrocarbons from an LNG, including the steps of: distilling a feed LNG in a first distillation column to separate it into a fraction enriched with methane and a fraction enriched with components heavier than methane; distilling the fraction enriched with components heavier than methane in a second distillation column to separate it into a fraction enriched with ethane and a fraction enriched with components heavier than ethane; recovering the cryogenic heat of the feed LNG to be fed into the first distillation column or of the liquid inside the first distillation column by using a heat transfer medium; and cooling the overhead gas of the second distillation column by using the heat transfer medium which has recovered the cryogenic heat to condense at least part of the overhead gas of the second distillation column.. An apparatus for carrying out this process.



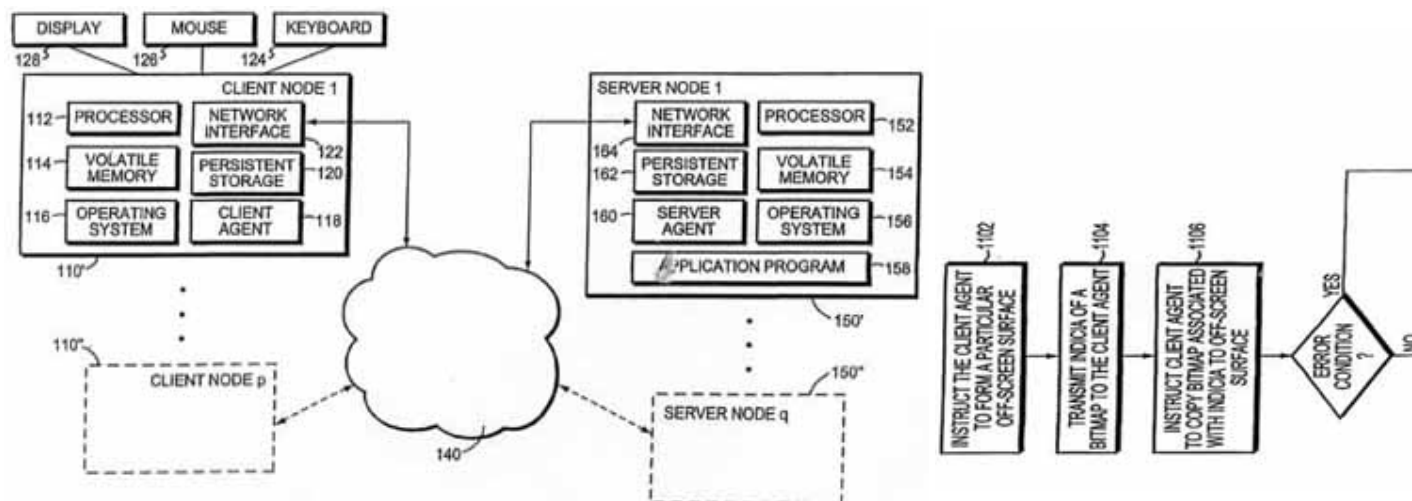
(54) Title of the invention : A METHOD OF REMOTELY CONTROLLING THE FORMATION OF AN OFFSCREEN SURFACE AT A CLIENT COUPLED TO A SERVER VIA A COMMUNICATIONS NETWORK , AND A SYSTEM THEREFOR

(51) International classification :HO4M9/00
 (31) Priority Document No :60/207,532
 (32) Priority Date :26/05/2000
 (33) Name of priority country :U.S.A.
 (86) International Application No :NA
 Filing Date :NA
 (87) International Publication No : NA
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :IN/PCT/2002/01405
 Filing Date : 14.11.2002

(71)Name of Applicant :
1)CITRIX SYSTEMS, INC.
 Address of Applicant :851 W. CYPRESS CREEK ROAD, FORT LAUDERDALE, FL 33309. U.S.A.
 (72)Name of Inventor :
1)COLEMAN PAUL
2)YANG RUIGUO
3)COLLINS HENRY

(57) Abstract :

There is disclosed a method of remotely controlling, by a server (150), the formation of an off-screen surface at a client (110) coupled to the server via a communications network (140), the method being performed at the server (150) and comprising the steps of: instructing (1102) the client to select a first memory region for allocation to the off-screen surface, the first memory region corresponding to a memory (114) coupled to the client (110) ; transmitting (1104) indicia of a graphical data to the client; and instructing (1106) the client to copy the graphical data associated with the indicia to a particular location within the first memory region. A system for implementing the method is also disclosed.



(54) Title of the invention : A METHOD OF EFFICIENTLY REDUCING THE AMOUNT OF REPETITIVE GRAPHICAL DATA TRANSMITTED TO A REMOTE DISPLAY DEVICE, AND A SYSTEM THEREOF

(51) International classification :G06F3/153;
H04L29/06
(31) Priority Document No :60/207,532
60/225,217
(32) Priority Date :26/05/2000
14/08/2000
(33) Name of priority country :U.S.A.
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to to Application Number :
Filing Date : 14.11.2002

(71)Name of Applicant :

1)CITRIX SYSTEMS, INC.

Address of Applicant :851 W. CYPRESS CREEK ROAD, FORT LAUDERDALE, FL-33309 U.S.A.

(72)Name of Inventor :

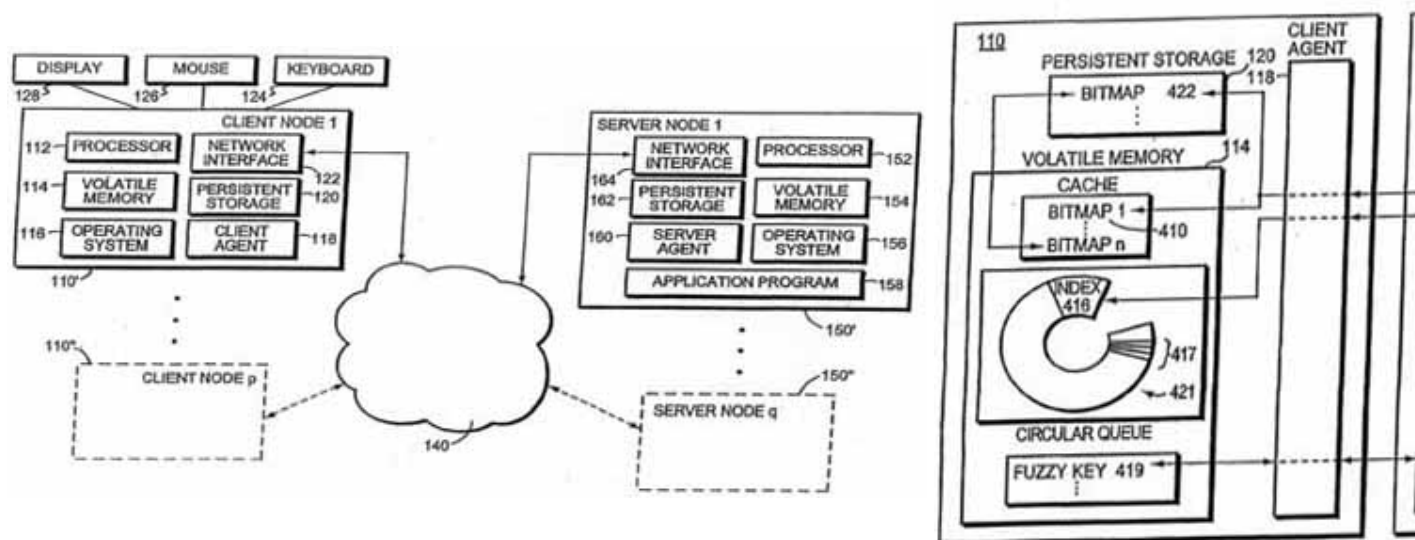
1)COLEMAN PAUL

2)YANG RUIGUO

3)COLLINS HENRY

(57) Abstract :

There is disclosed a method of efficiently reducing the amount of repetitive graphical data transmitted to a remote display device (128), said method comprising the steps of : searching a table (411) for an index (416) associated with a graphical data element, the presence of the index (416) in the table (411) indicative of a prior transmission of the graphical data element ; characterised in that the method involves the steps of: upon failing to locate the index (416) in the table (411), searching a fuzzy database (418) for a fuzzy key (419) associated with the graphical data element, the presence of the fuzzy key (419) in the fuzzy database (418) indicative of a likelihood that the graphical data element is stored within a persistent storage memory (120) coupled to the remote display device (128); and upon locating the fuzzy key (419), transmitting the fuzzy key to an agent (118) associated with the persistent storage memory (120) and remote display device (128). A system for implementing the method is also disclosed.



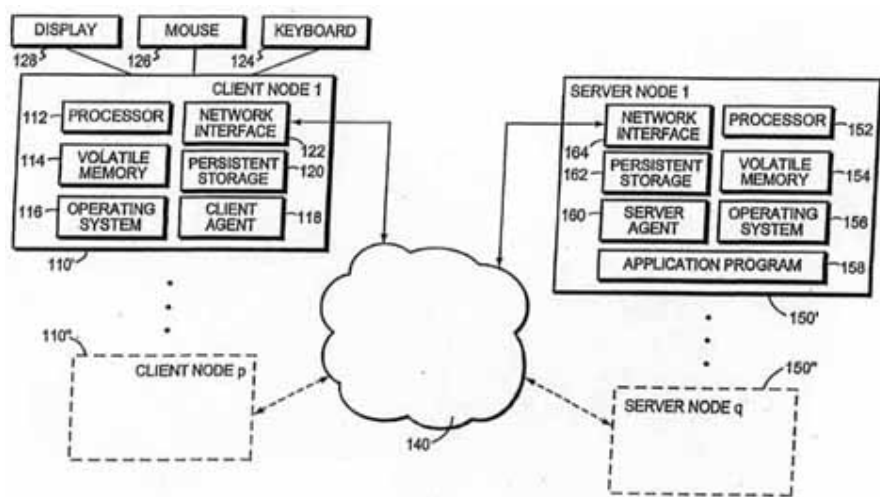
(54) Title of the invention : A METHOD OF REDUCING THE AMOUNT OF DATA TRANSMITTED FROM A SERVER TO A CLIENT VIA A COMMUNICATION NETWORK, AND A SYSTEM THEREFOR.

(51) International classification :G06F3/14
 (31) Priority Document No :60/207,532
 (32) Priority Date :26/05/2000
 (33) Name of priority country :U.S.A.
 (86) International Application No :NA
 Filing Date :NA
 (87) International Publication No : NA
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :
 Filing Date : 14.11.2002

(71)Name of Applicant :
1)CITRIX SYSTEMS,INC.
 Address of Applicant :851 W. CYPRESS CREEK ROAD, FORT
 LAUDERDALE, FL 33309 U.S.A.
 (72)Name of Inventor :
1)COLEMAN PAUL
2)YANG RUIGUO
3)COLLINS HENRY
4)YANG RUIGUO

(57) Abstract :

There is disclosed a method of reducing the amount of data transmitted from a server (150) to a client (110) via a communication network (140), the method being performed at the client (110) and comprising the steps of : receiving a protocol stream, the protocol stream including an indicia of graphical data, a command associated with the graphical data, and a plurality of other commands ; searching for the graphical data using the indicia ; upon failing to locate the graphical data, storing the command associated with the graphical data together with the plurality of other commands in a queue ; receiving the graphical data ; processing the received graphical data using the associated command ; and processing at least some of the plurality of other commands in the queue. A system for implementing this method is also disclosed.



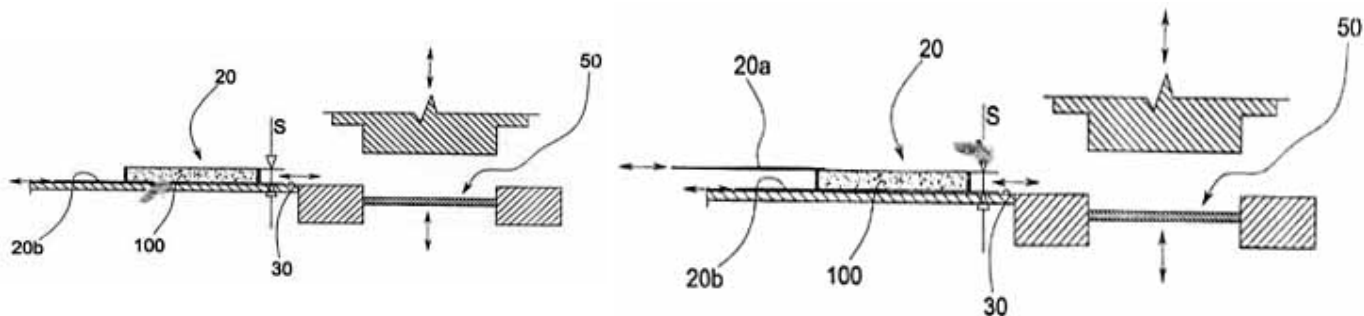
(54) Title of the invention : "METHOD FOR THE FORMING OF CERAMIC TILES OR SLABS REPRODUCING THE TYPICAL CHARACTERISTICS OF THE NATURAL STONES AND RELATED APPARATUS"

(51) International classification :B28B13/00
 (31) Priority Document No :RE2005A000083
 (32) Priority Date :19/07/2005
 (33) Name of priority country :Italy
 (86) International Application No :NA
 Filing Date :NA
 (87) International Publication No : NA
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :
1)SACMI COOPERATIVA MECCANICI IMOLA SOCIETA COOPERATIVA
 Address of Applicant :17/A VIA SELICE PROVINCIALE I-40026 IMOLA (BOLOGNA) Italy
 (72)Name of Inventor :
1)VALLI SILVANO

(57) Abstract :

Method for the forming of ceramic tiles or slabs reproducing the typical characteristics of the natural stones and related apparatus A method for the forming of ceramic tiles or slabs reproducing the typical characteristics of the natural stones, comprising the following steps: a) providing a layer (100) of coloured powders to be compacted having a prearranged arrangement, said layer (100) being defined inside a container (20;40); b) inserting a compressed air flow inside said container (20;40) through at least one hole (3), so to locally alter the prearranged arrangement of the powders; c) conveying the layer (100) of altered powders towards a system of compaction and forming.



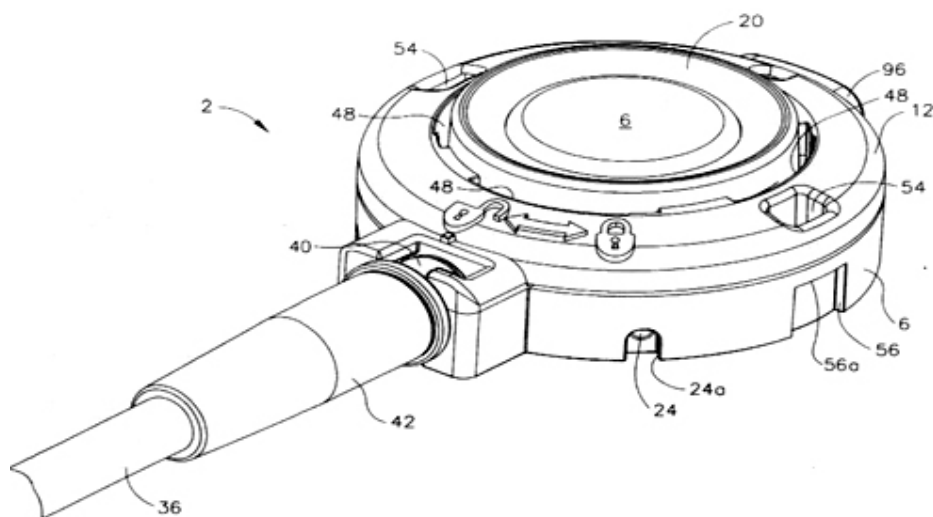
(54) Title of the invention : APPLIER WITH SAFETY FOR IMPLANTABLE MEDICAL DEVICE

(51) International classification	:A61M5/00	(71)Name of Applicant :	1)ETHICON ENDO-SURGERY, INC.
(31) Priority Document No	:11/166,598		Address of Applicant :4545 CREEK ROAD, CINCINNATI, OH
(32) Priority Date	:24/06/2005		45242 U.S.A.
(33) Name of priority country	:U.S.A.	(72)Name of Inventor :	
(86) International Application No	:NA	1)RANDAL T. BYRUM	
Filing Date	:NA	2)SEAN P. CONLON	
(87) International Publication No	: NA	3)JOSHUA UTH	
(61) Patent of Addition to Application Number	:NA	4)JOHN V. HUNT	
Filing Date	:NA	5)SHAWN CHARLTON SNYDER	
(62) Divisional to to Application Number	:NA		
Filing Date	:NA		

(57) Abstract :

An attachment mechanism for a surgically implantable medical device includes one or more fasteners which may be simultaneously moved from an undeployed position to a deployed position by operation of an integral actuator. The attachment mechanism may be configured to be deactuated, and the fasteners simultaneously moved from a deployed position to an undeployed position, allowing removal or repositioning of the medical device.

An applier includes a locator for detachably holding the implantable medical device, locating it at the desired position, and actuating the attachment mechanism. The applier is configured to undeploy the attachment mechanism the implantable medical device can be detached from the body tissue.



(54) Title of the invention : IMPLANTABLE MEDICAL DEVICE WITH COVER AND METHOD

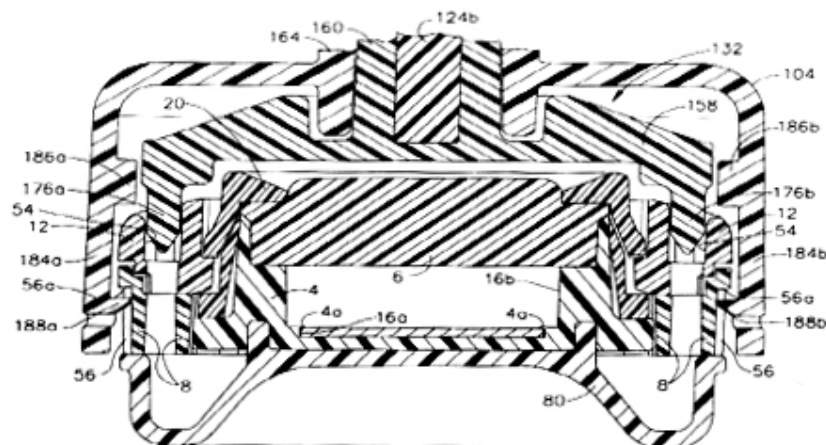
(51) International classification :A61M37/00A61B17/11
 (31) Priority Document No :11/166,283
 (32) Priority Date :24/06/2005
 (33) Name of priority country :U.S.A.
 (86) International Application No :NA
 Filing Date :NA
 (87) International Publication No :NA
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :
1)ETHICON ENDO-SURGERY, INC
 Address of Applicant :4545 CREEK ROAD CINCINNATI, OH
 45242 U.S.A.
 (72)Name of Inventor :
1)John V. Hunt
2)Randal T. Byrum
3)Joshua Uth
4)Sean P. Conlon

(57) Abstract :

An attachment mechanism for a surgically implantable medical device includes one or more fasteners which may be simultaneously moved from an undeployed position to a deployed position by operation of an integral actuator. The attachment mechanism may be configured to be deactuated, and the fasteners simultaneously moved from a deployed position to an undeployed position, allowing removal or repositioning of the medical device.

An applier includes a locator for detachably holding the implantable medical device, locating it at the desired position, and actuating the attachment mechanism. The applier is configured to undeploy the attachment mechanism the implantable medical device can be detached from the body tissue.



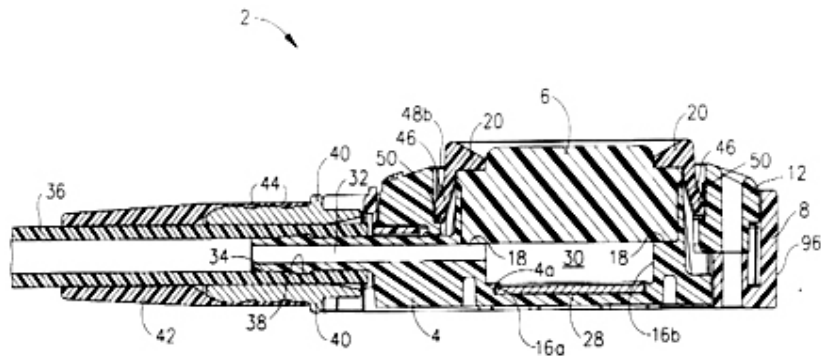
(54) Title of the invention : INJECTION PORT

(51) International classification	:A61M37/00	(71)Name of Applicant :
(31) Priority Document No	A61M39/02	1)ETHICON ENDO-SURGERY, INC.
(32) Priority Date	:11/166,611	Address of Applicant :4545 CREEK ROAD, CINCINNATI, OH
(33) Name of priority country	:24/06/2005	45242 U.S.A.
(86) International Application No	:U.S.A.	(72)Name of Inventor :
Filing Date	:NA	1)RANDAL T. BYRUM
(87) International Publication No	:NA	2)JOSHUA UTH
(61) Patent of Addition to Application Number	:NA	3)SEAN P. CONLON
Filing Date	:NA	4)HOW-LUN CHEN
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An attachment mechanism for a surgically implantable medical device includes one or more fasteners which may be simultaneously moved from an undeployed position to a deployed position by operation of an integral actuator. The attachment mechanism may be configured to be deactuated, and the fasteners simultaneously moved from a deployed position to an undeployed position, allowing removal or repositioning of the medical device.

An applier includes a locator for detachably holding the implantable medical device, locating it at the desired position, and actuating the attachment mechanism. The applier is configured to undeploy the attachment mechanism the implantable medical device can be detached from the body tissue.



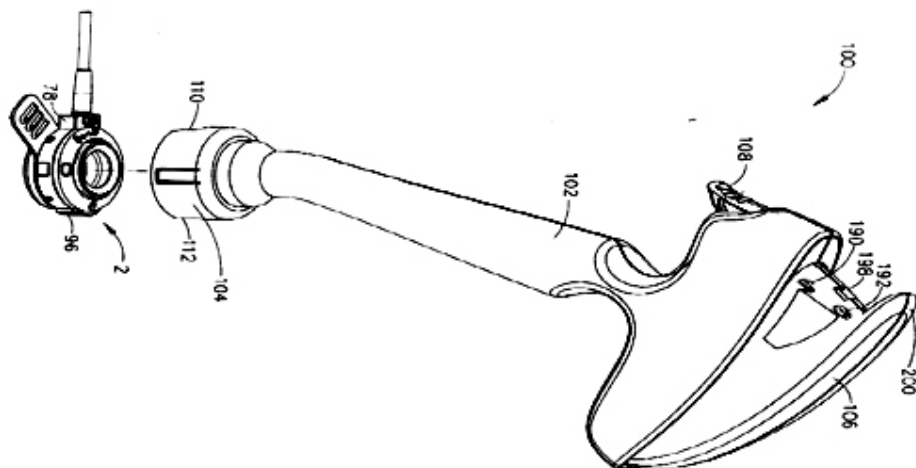
(54) Title of the invention : APPLIER FOR IMPLANTABLE MEDICAL DEVICE

(51) International classification	:A61M37/00; A61M5/00	(71)Name of Applicant :
(31) Priority Document No	:11/166,702	1)ETHICON ENDO-SURGERY, INC.
(32) Priority Date	:24/06/2005	Address of Applicant :4545 CREEK ROAD, CINCINNATI, OH 45242 U.S.A.
(33) Name of priority country	:U.S.A.	(72)Name of Inventor :
(86) International Application No	:NA	1)RANDAL T. BYRUN
Filing Date	:NA	2)SEAN P. CONLON
(87) International Publication No	: NA	3)JOSHUA UTH
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An attachment mechanism for a surgically implantable medical device includes one or more fasteners which may be simultaneously moved from an undeployed position to a deployed position by operation of an integral actuator. The attachment mechanism may be configured to be deactuated, and the fasteners simultaneously moved from a deployed position to an undeployed position, allowing removal or repositioning of the medical device.

An applier includes a locator for detachably holding the implantable medical device, locating it at the desired position, and actuating the attachment mechanism. The applier is configured to undeploy the attachment mechanism the implantable medical device can be detached from the body tissue.



(54) Title of the invention : SECONDARY AIR CONTROL VALVE MOUNTING ARRANGEMENT

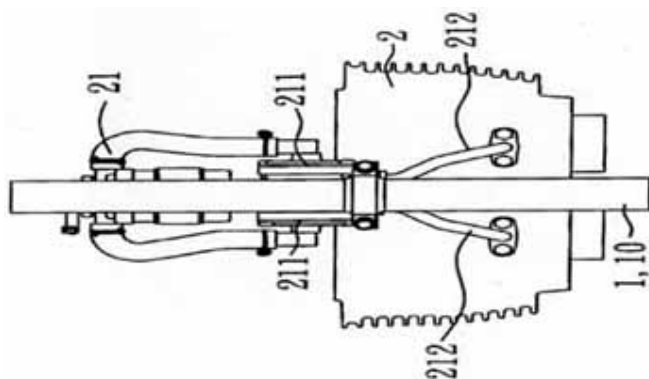
(51) International classification	:F01N3/00
(31) Priority Document No	:094119494
(32) Priority Date	:13/06/2005
(33) Name of priority country	:Argentina
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)SANYANG INDUSTRY CO. LTD.
 Address of Applicant :184 KENG TZU KOU, SHANG KENG
 VILLAGE, HSIN FONG SHIANG, HSINCHU, TAIWAN

(72)**Name of Inventor :**
1)LEE JIN-LU
2)HUNG GOW-JI
3)FANG CHING-HUI

(57) Abstract :

A secondary air control valve mounting arrangement which has a control valve of a secondary air system of a cylinder mounted on an assigned section of a motorcycle frame within the space between the cylinder and the assigned section of the motorcycle frame so that the control valve neither obstructs the sense of beauty of the motorcycle and the motorcycle engine nor interferes with the arrangement of other motorcycle parts, and the secondary air system does not affect the temperature of the cylinder.



(54) Title of the invention : SECONDARY AIR PASSAGE STRUCTURE

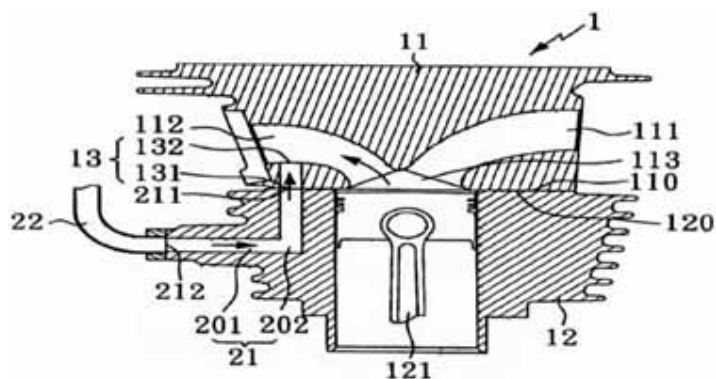
(51) International classification	:F01N3/00
(31) Priority Document No	:094119490
(32) Priority Date	:13/06/2005
(33) Name of priority country	:Argentina
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)SANYANG INDUSTRY CO. LTD.
 Address of Applicant :184 KENG TZU KOU, SHANG KENG
 VILLAGE HSIN FONG SHIANG, HSINCHU, China

(72)**Name of Inventor :**
1)LEE JIN-LU
2)HUNG GOW-JI
3)FANG CHING-HUI
4)HO I-Y ANG

(57) Abstract :

A secondary air passage structure is disclosed to include a first 5 air passage formed in a cylinder block of a cylinder of a motorcycle and a second air passage formed in a cylinder head of the cylinder in communication with the first air passage for guiding secondary air into the exhaust port of the air exhaust passage of the cylinder head to effectively improve the conversion efficiency of secondary combustion 10 of exhaust gas and to reduce the amount of harmful substances in exhaust gas. This secondary air passage structure simplifies the design of the cylinder head without increasing the size and weight of the cylinder head and prohibits heat energy produced by the cylinder head from affecting the secondary air passage.

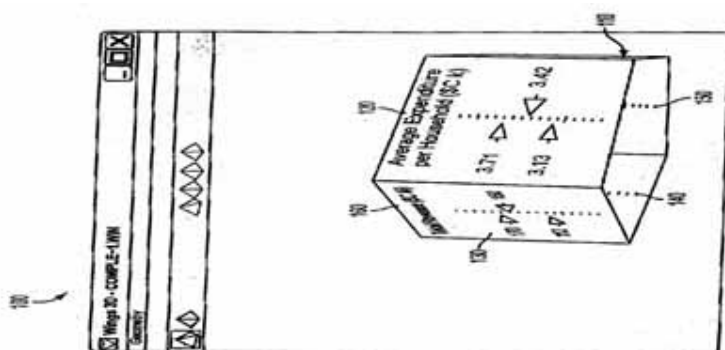


(54) Title of the invention : "METHOD OF DISPLAYING AND INTERACTING WITH INFORMATION ON A ROTARY FABRIC"

(51) International classification	:G06F3/048; G06T17/40	(71)Name of Applicant :
(31) Priority Document No	:11/147,445	1)MAPINFO CORPORATION
(32) Priority Date	:08/06/2005	Address of Applicant :ONE GLOBAL VIEW TROY, NEW YORK 12180-8399 U.S.A.
(33) Name of priority country	:U.S.A.	(72)Name of Inventor :
(86) International Application No	:NA	1)BERRILL ARTHUR R.
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A system and method by which menus, displays, charts, maps and pictures may be presented to a user and very quickly seen and used in the context of a larger display without obscuring key elements of that display. Menus or other graphical displays are anchored to the sides of a solid figure, which can be rotated to display the menu panels and other textual and graphical information.

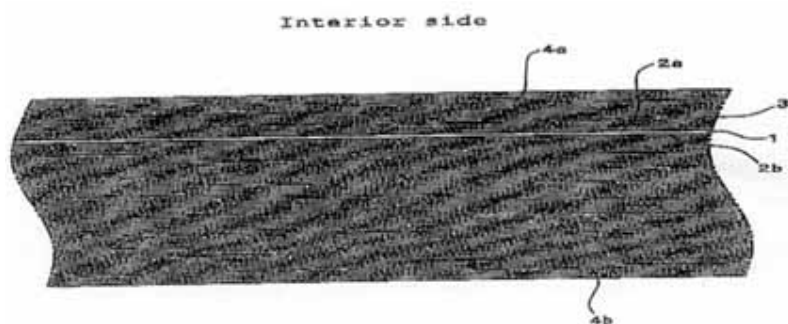


(54) Title of the invention : "SOUNDPROOFING MATERIAL FOR VEHICLE"

(51) International classification	:E04B1/82; G10K11/16	(71)Name of Applicant : 1)HOWA TEXTILE INDUSTRY CO., LTD.
(31) Priority Document No	:2005- 204073	Address of Applicant :2-10-4 AJIYOSHI HAKUSAN-CHO KASUGAI-CITY AICHI-PREF 486-0969 Japan
(32) Priority Date	:13/07/2005	(72)Name of Inventor :
(33) Name of priority country	:Japan	1)FUSIKI SINOBU
(86) International Application No	:NA	2)MIZATA SYUITI
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

[Problem] To provide a soundproofing material for vehicle having a light weight, a small thickness and excellent soundproofing properties which can be easily formed into a free three-dimensional shape and can be produced at reduced cost. [Means for Solution] A soundproofing material for vehicle having a laminated structure comprising two sound absorbing layers 4a and 4b and an interlayer 3 interposed therebetween, characterized in that the interlayer is formed by bonding and laminating on the respective side of an air-impermeable film 1 made of a thermoplastic resin film having a thickness of from 7 μ to 50 μ heat-fusible films 2a, 2b having a thickness of from 7 μ to 50 μ made of a thermoplastic resin film having a lower melting point than that of the air-impermeable film using a multi-layer inflation method and the soundproofing material is heat pressure-molded so that the heat-fusible film is melted to cause the sound absorbing layers 4a and 4b to be bonded to the respective side of the air-impermeable film 1.



(54) Title of the invention : POWER TOOL

(51) International classification

:

B25B13/00;
B25B17/00

(31) Priority Document No

:11/273,429

(32) Priority Date

:14/11/2005

(33) Name of priority country

:U.S.A.

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

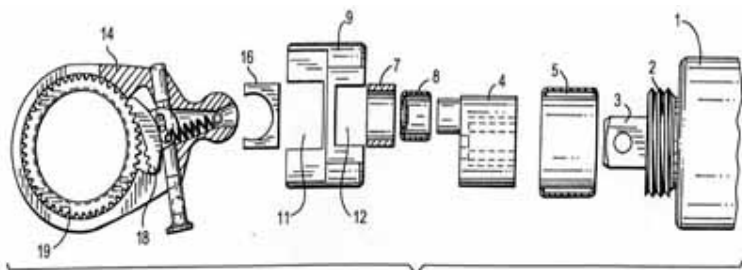
1)JETYD CORP.Address of Applicant :218 ISLAND ROAD, MAHWAH, NJ 07430
U.S.A.

(72)Name of Inventor :

1)JUNKERS, JASON

(57) Abstract :

A power tool has a housing having a drive portion for turning a fastener to tighten or loosen the fastener, the drive portion having two opposite sides spaced from one another in one direction and two connecting element spaced from one another in another direction which is transverse to the one direction, the connecting elements including a first connecting element to connect with a fastener to be turned and a second connecting element to connect with an adjacent fastener so as to stop the power tool from turning around the fastener to be turned, so that during tightening of the first mentioned fastener said first connecting element engages said first mentioned fastener on one of the sides of the drive portion while the second connecting element engages the adjacent fastener also on the one side of the drive portion, and during tightening of the adjacent fastener the first connecting element engages the adjacent fastener on the other side of the drive portion while the second connecting element engage the first mentioned fastener also on the other side of the drive portion.



(54) Title of the invention : "CHARACTER INPUT METHOD FOR MOBILE COMMUNICATIONS TERMINAL"

(51) International classification	:H04L12/00	(71)Name of Applicant :
(31) Priority Document No	:91619/2005	1)LG ELECTRONICS INC.
(32) Priority Date	:29/09/2005	Address of Applicant :20, YOIDO-DONG YONGDUNGPO-GU
(33) Name of priority country	:Republic of Korea	SEOUL Republic of Korea
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)HEO JEONG-YUN
(87) International Publication No	: NA	2)MIN ZEE-YOUNG
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A character input method for a mobile communications terminal in which a screen for inputting characters includes a character input window for displaying inputted characters and a character selection window for displaying characters to be possibly inputted, the method comprising: displaying characters belonging to a first group containing characters to be initially used when composing text or characters on the character selection window; displaying characters belonging to a second group containing characters to be possibly derived from a character selected from the characters of the first group on the character selection window based upon a user's request; and inputting the character selected from the character selection window in the character input window, whereby the number of times of selecting or tapping keys required for inputting characters.

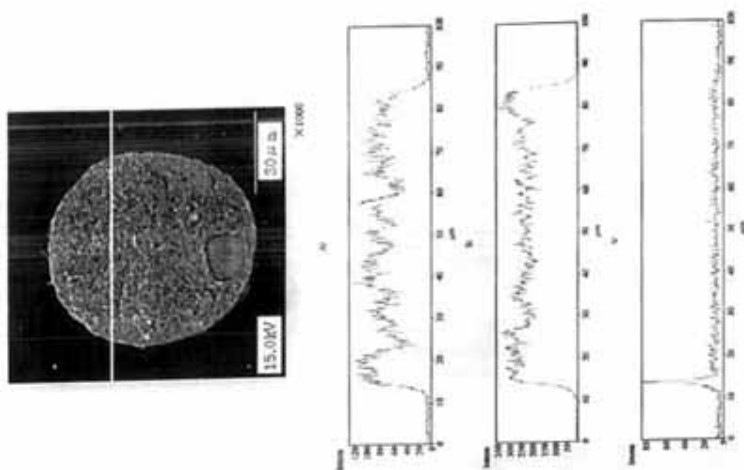
1	अआइ ईउऊऋ एऐओ औ	2	कखगघ ङ	3	चछजझ ञ
4	टठडढ ण	5	तथदध न	6	पफबभ म
7	यरलव शषस	8	धत्रज	9	ािीीु ूेेे
*	SHIFT	0	NEXT	#	SPACE

(54) Title of the invention : "DESULFURIZATION CATALYST FOR CATALYTIC CRACKED GASOLINE, METHOD OF PRODUCING THE SAME, AND METHOD FOR DESULFURIZING OF CATALYTIC CRACKED GASOLINE USING THE SAME"

(51) International classification	:B01J29/06; C10G45/08; C10G45/40	(71)Name of Applicant : 1)CATALYSTS & CHEMICALS INDUSTRIES CO. LTD. Address of Applicant :580 HORIKAWA-CHO, SAIWAI-KU KAWASAKI-SHI KANAGAWA Japan
(31) Priority Document No	:2005- 182687	(72)Name of Inventor :
(32) Priority Date	:22/06/2005	1)NONAKA SEIJIRO
(33) Name of priority country	:Japan	2)MATSUMOTO HIROSHI
(86) International Application No	:NA	3)KATO YOSHIKI
Filing Date	:NA	4)SHIROZONO KAZUO
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Desulfurization catalyst according to the invention has a high desulfurizing property and a catalytic cracking activity to control generation of hydrogen and coke. The desulfurization catalyst is used for FCC gasoline and carries vanadium oxide at least on a portion of surface of porous inorganic oxide spherical particle. The vanadium oxide may form a thin layer, and a quantity of carried vanadium oxide is in the range from 0.3 to 3 wt% when calculated as V₂O₅.



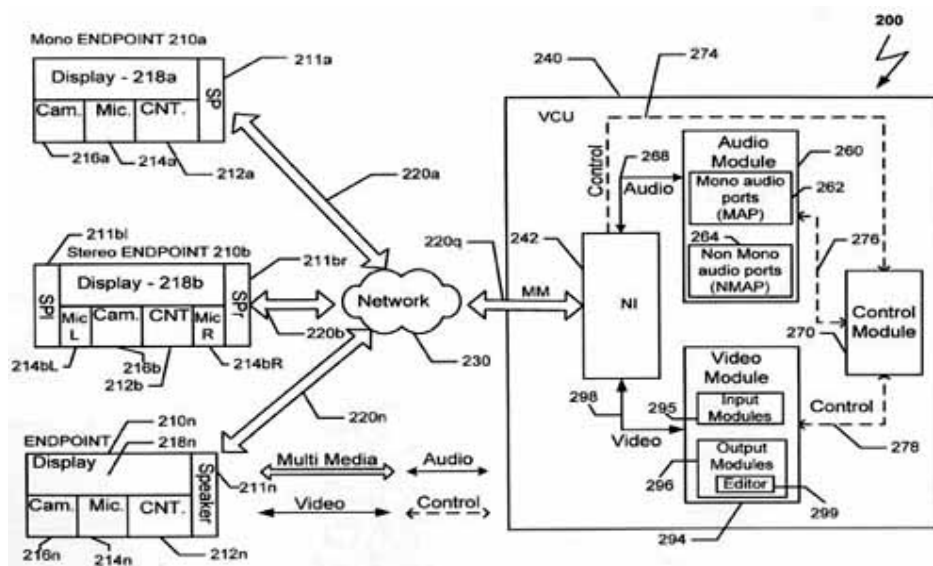
(54) Title of the invention : SPATIALLY CORRELATED AUDIO IN MULTIPOINT VIDEOCONFERENCING

(51) International classification :H04N7/14
 (31) Priority Document No :11/221,168
 (32) Priority Date :07/09/2005
 (33) Name of priority country :U.S.A.
 (86) International Application No :NA
 Filing Date :NA
 (87) International Publication No :NA
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :
1)POLYCOM, INC.
 Address of Applicant :4750 WILLOW ROAD, PLEASANTON,
 CALIFORNIA 94588 U.S.A.
 (72)Name of Inventor :
1)POTEKHIN SERGERY
2)KNAZ ERAN
3)SHANI SHARON

(57) Abstract :

The disclosed method provides audio location perception to an endpoint in a multipoint videoconference by providing a plurality of audio streams to the endpoint, wherein each of the audio streams corresponds to one of the loudspeakers at the endpoint. The audio streams are differentiated so as to emphasize broadcasting of the audio streams through one or more loudspeakers closest to a position of a speaking endpoint in a videoconference layout that is displayed at the endpoint. For example, the audio broadcast at a loudspeaker that is at a far-side of the screen might be attenuated or time delayed compared to audio broadcast at a loudspeaker that is located at a near-side of the display. The disclosure also provides a multipoint control unit (MCU) that processes audio signals from two or more endpoints according to the positions in a layout of the endpoints and then transmits processed audio streams to the endpoints in a way that allows endpoints to broadcast spatially correlated audio.

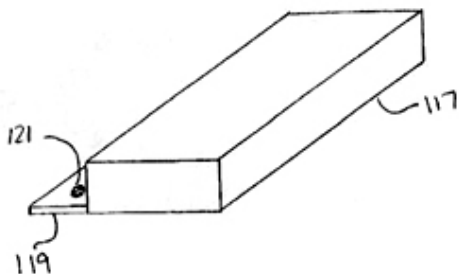


(54) Title of the invention : SYSTEMS AND METHODS FOR COMPARTMENTAL REPLACEMENT IN A KNEE

(51) International classification	:A61B17/15; A61B17/14	(71)Name of Applicant :
(31) Priority Document No	:11/171180	1)DEPUY PRODUCTS, INC
(32) Priority Date	:30/06/2005	Address of Applicant :700 ORTHOPAEDIC DRIVE WARSAW, IN 46581 U.S.A.
(33) Name of priority country	:U.S.A.	(72)Name of Inventor :
(86) International Application No	:NA	1)LUKE ARAM
Filing Date	:NA	2)DAN AUGER
(87) International Publication No	: NA	3)ADAM HAYDEN
(61) Patent of Addition to Application Number	:NA	4)JORDAN LEE
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A kit for a prosthesis system includes a plurality of first components, each of the plurality of first components for replacing one of a plurality of first surface portions of a bone, a second component for replacing a second surface portion of the bone and a resilient connector for connecting at least one of the plurality of first components to the second component. In accordance with one method, components from a prosthesis system kit used to replace adjacent portions of a bone surface are assembled ex vivo.

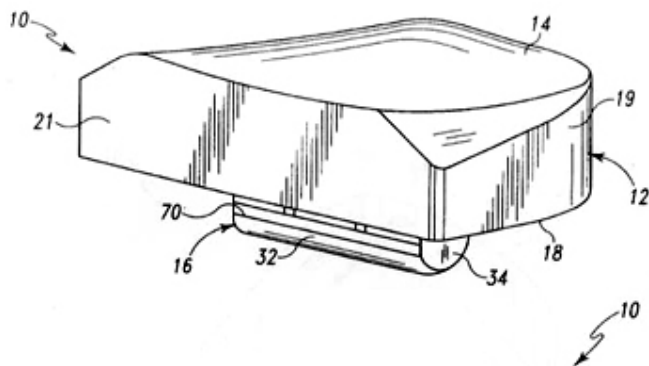


(54) Title of the invention : TIBIAL INSERT AND ASSOCIATED SURGICAL METHOD

(51) International classification	:A61F2/38	(71)Name of Applicant :
(31) Priority Document No	:11/171802	1)DEPUY PRODUCTS, INC.
(32) Priority Date	:30/06/2005	Address of Applicant :700 ORTHOPAEDIC DRIVE WARSAW, IN
(33) Name of priority country	:U.S.A.	46581 U.S.A.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)JAMES MATT RHODES
(87) International Publication No	: NA	2)JORDAN LEE
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A tibial insert includes a platform defining an upper bearing surface and a bottom surface. A keel of the tibial insert is coupled to the bottom surface of the platform. A surgical method for knee arthroplasty is also disclosed.

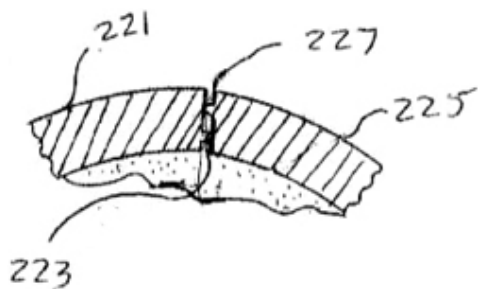


(54) Title of the invention : SYSTEMS AND METHODS FOR COMPARTMENTAL REPLACEMENT IN A KNEE

(51) International classification	:A61F2/38; A61F2/30	(71)Name of Applicant :
(31) Priority Document No	:11/170816	1)DEPUY PRODUCTS, INC.
(32) Priority Date	:30/06/2005	Address of Applicant :700 ORTHOPAEDIC DRIVE WARSAW, IN 46581 U.S.A.
(33) Name of priority country	:U.S.A.	(72)Name of Inventor :
(86) International Application No	:NA	1)LUKE J. ARAM
Filing Date	:NA	2)DANIEL D. AUGER
(87) International Publication No	: NA	3)ADAM I. HAYDEN
(61) Patent of Addition to Application Number	:NA	4)JORDAN S. LEE
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A prosthesis system includes a first component having an outer surface, an inner surface, a first side and a second side, the first component configured to replace a first portion of a surface of a bone. A second component is configured to replace a second portion of the surface of the bone and a spacer is configured to be located adjacent to the first side of the first component and between the first component and the second component when the first component and the second component replace the first portion and second portion, respectively, of the surface of the bone.



(54) Title of the invention : YARN-PROTECTING HEALD

(51) International classification :D03C9/00
 (31) Priority Document No :102005030632.2-26
 (32) Priority Date :01/07/2005
 (33) Name of priority country :Germany
 (86) International Application No :NA
 Filing Date :NA
 (87) International Publication No : NA
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

1)GROZ-BECKERT KG.

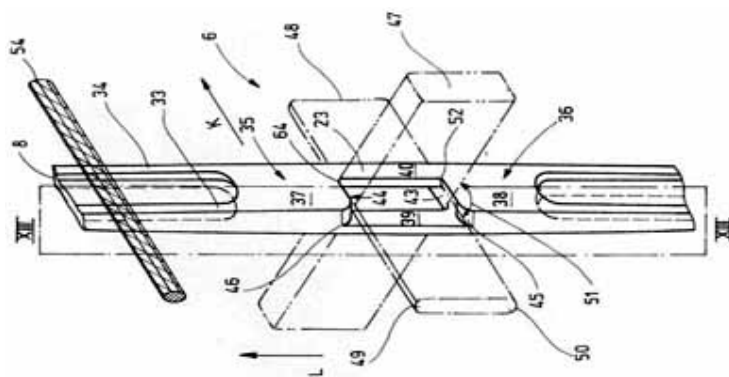
Address of Applicant :PARKWEG 2 72458 ALBSTADT Germany

(72)Name of Inventor :

1)FRANZ METTLER**2)HERBERT SCHWANE**

(57) Abstract :

The heald according to the invention has a heald body (8), whose thickness increases toward the yarn eyelet (6). The lateral surfaces of the heald body (8) constitute guiding surfaces which are oriented in the warp yarn direction and which, adjacent the yarn eyelet (6), serve as spacer means (35, 36) for holding at a distance adjoining yarn eyelets (6) of adjoining healds.

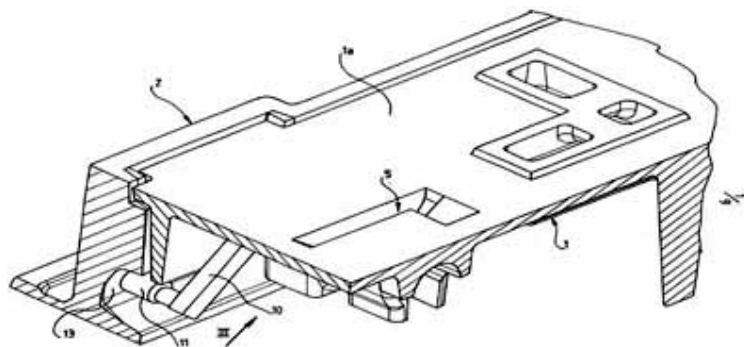


(54) Title of the invention : DEVICE FOR VERIFICATION OF LOCKING OR UNLOCKING A LOCK THAT IMMOBILIZES A COVER IN AND CLOSING A FRAME

(51) International classification	:E02D29/14	(71)Name of Applicant :
(31) Priority Document No	:05 06 068	1)NORINCO
(32) Priority Date	:15/06/2005	Address of Applicant :Z.I. DE MARIVAUX 60149 SAINT CREPIN
(33) Name of priority country	:France	IBOUVILLERS France
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)BORYCKI GERALD
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention rebates to a device for verification of the position of locking or unlocking of a lock making it possible to immobilize in a frame a lid closing this frame. The device is characterized by the fact that it has arm (10) kinematically connected to bolt (7) of lock (3) so as to move between two extreme positions corresponding respectively to the positions of locking and unlocking of bolt (7) and some means (11,12) for detection of each of the extreme positions of arm (10) making it possible to provide an information signal depending on whether bolt (7) of lock (3) occupies its position of locking or unlocking of lid (1). The invention can be applied in the domain of roadway equipment.

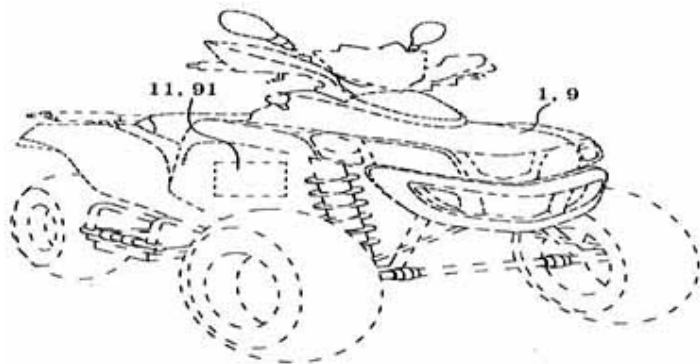


(54) Title of the invention : TRANSMISSION STRUCTURE

(51) International classification	:B60K17/00	(71)Name of Applicant :
(31) Priority Document No	:094120402	1)SANYANG INDUSTRY CO. LTD.
(32) Priority Date	:20/06/2005	Address of Applicant :184 KENG TZU KOU SHANG KENG
(33) Name of priority country	:Argentina	VILLAGE HSIN FONG SHIANG HSINCHU China
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)CHU CHAO-JEN
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A transmission structure is disclosed. When a slider slid along a rear wheel shaft to right side and engaged with a right bevel gear, the right bevel gear drives the slider rotated, and transmits a power of an engine from a middle bevel gear, the right bevel gear, and the slider to the rear wheel shaft for enabling the rear wheel shaft rotating in a first direction. When the slider slid along the rear wheel shaft to left side and engaged with a left bevel gear, the left bevel gear drives the slider rotated, and transmits the power of the engine from the middle bevel gear, the left bevel gear, and the slider to the rear wheel shaft for enabling the rear wheel shaft rotating in a second direction.

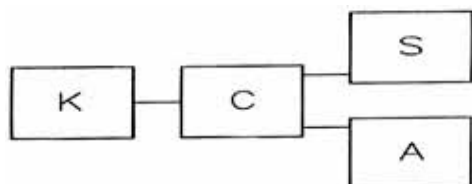


(54) Title of the invention : SYSTEM AND METHOD OF RECORDING AND PLAYING BACK PICTURES

(51) International classification	:H04N5/262; H04N5/225	(71)Name of Applicant : 1)DYNASLICE AG
(31) Priority Document No	:01089/05	Address of Applicant :ZUGERSTRASSE 70 CH-6340 BAAR
(32) Priority Date	:28/06/2005	Switzerland
(33) Name of priority country	:Switzerland	(72)Name of Inventor :
(86) International Application No	:NA	1)STEINER REINHARD
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A system for recording and playing back pictures of objects according to the time slice technology comprises a camera arrangement including several cameras simultaneously capturing pictures of at least one object, a storage assembly for storing all captured pictures, a display assembly for displaying captured pictures, and a control unit for controlling the camera arrangement, the storage assembly and the display assembly. The cameras, in each case, are high speed video cameras having high resolution adapted to capture a great number of pictures per second which all are stored in the storage assembly and then can be retrieved from the storage assembly in arbitrary sequence for creating movie sequences. A related method comprises the steps of simultaneous capturing of pictures of an object by means of several cameras of a camera assembly, whereby said several cameras in each case are high speed high resolution video cameras adapted to capture a great number of pictures per second, storing all captured pictures in a storage means or in several storage means, displaying the captured pictures on a display assembly, and selecting desired pictures from the stored pictures and/or displayed pictures and combining said selected pictures to movie sequences.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.584/KOL/2006 A

(19) INDIA

(22) Date of filing of Application :13/06/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : RUBBER COMPOSITION AND PROCESS FOR PREPARING THE SAME

(51) International classification	:B60C1/00	(71) Name of Applicant :
(31) Priority Document No	:2005-207087	1)SUMITOMO RUBBER INDUSTRIES LTD.
(32) Priority Date	:15/07/2005	Address of Applicant :6-9, WAKINOHAMA-CHO 3-CHOME
(33) Name of priority country	:Japan	CHUO-KU, KOBE-SHI HYOGO-KEN Japan
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)MINAGAWA YASUHISA
(87) International Publication No	: NA	2)YAGI NORIKO
(61) Patent of Addition to Application Number	:NA	3)WAKABAYASHI NOBORU
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

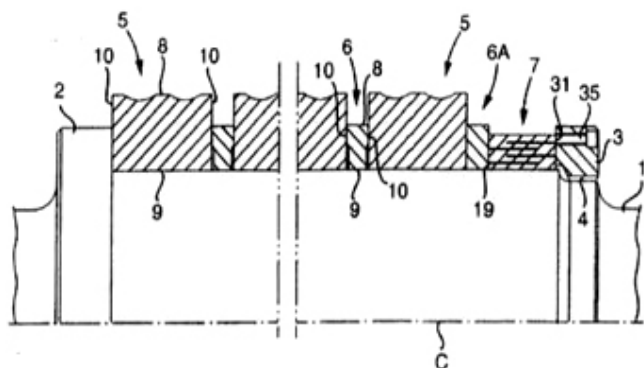
A rubber composition improving the reaction efficiency of a silane coupling agent in kneading, suppressing generation of air bubbles, improving processability and abrasion resistance and lowering rolling resistance, and a process for preparing the same are provided. A rubber composition comprising silica, wherein 3 to 15 parts by weight of a silane coupling agent based on 100 parts by weight of silica and 0.3 to 1.45 parts by weight of a potassium salt based on 100 parts by weight of silica are contained.

(54) Title of the invention : A ROLL AND A SPRING THEREFOR

(51) International classification	:F16C13/00	(71)Name of Applicant :	1)SANDVIK INTELLECTUAL PROPERTY AB
(31) Priority Document No	:0501389-1		Address of Applicant :S-811 81 Sandviken, Sweden
(32) Priority Date	:17/06/2005	(72)Name of Inventor :	1)VLK, Jaroslav
(33) Name of priority country	:Sweden		2)GLEIZER, Jorge
(86) International Application No	:NA		3)ANDERSSON, Jerker
Filing Date	:NA		
(87) International Publication No	: NA		
(61) Patent of Addition to Application Number	:NA		
Filing Date	:NA		
(62) Divisional to to Application Number	:NA		
Filing Date	:NA		

(57) Abstract :

The invention relates in one aspect, to a roll, and, in another aspect, to a roll spring which is the core of the invention. The spring is in the form of a ring-shaped body (7) manufactured of an elastic material having two axially spaced-apart ends (13,14). In a front end (13) of the spring body at least one first slot (15) opens which extends towards the rear end (14), without reaching the same, and which separates two forward-facing laminae (16, 17). In the rear end (14) at least one second slot (25) opens which extends towards the front end (13) without reaching the same, and which separates two rearward-facing laminae (27, 28). At each one of the two ends of the spring body, an end surface (19, 31) of a lamina is axially displaced in relation to the end surface (20, 30) of an adjacent lamina. When the spring is clamped between two rings of a roll shaft included in the roll, the protruding end surfaces are subjected to compressive forces that generate a labyrinth-shaped train of spring forces between the end surfaces.

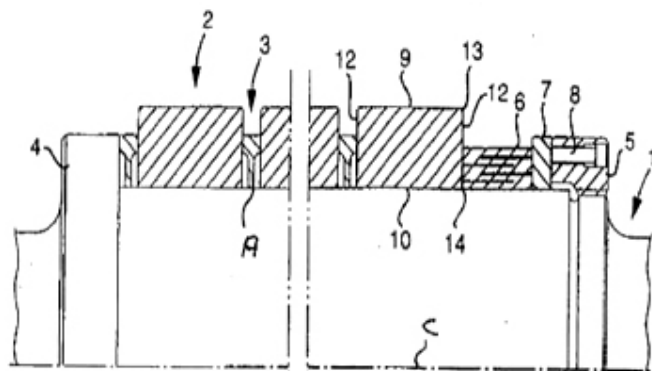


(54) Title of the invention : A ROLL, AS WELL AS A SPACER RING THEREFOR

(51) International classification	:B21B27/02	(71)Name of Applicant :
(31) Priority Document No	:0501386-7	1)SANDVIK INTELLECTUAL PROPERTY AB
(32) Priority Date	:17/06/2005	Address of Applicant :S-811 81 Sandviken Sweden
(33) Name of priority country	:Sweden	(72)Name of Inventor :
(86) International Application No	:NA	1)KAYHAN, Menderes
Filing Date	:NA	2)ANKARGREN, Jimmy
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

In a first aspect, the invention relates to a combi roll of the type that comprises a roll shaft (1) having a rotationally symmetrical basic shape defined by a central axis (C), as well as a number of rings in the form of roll rings (2) and spacer rings (3), each one of which has planar end surfaces (12, 15) that extend between outer and inner, circular limiting edgelines, and that serve as contact surfaces against adjacent rings. At least one of the end surfaces of a ring, preferably a spacer ring, is limited by an inner edgeline, the diameter of which is greater than the outer diameter of the roll shaft. In such a way, the area of the contact surface is reduced while increasing the surface pressure, at the same time as the force transmitting ability of the surface increases by the fact that the radial distance to the centre axis is increased. In another aspect, the invention also relates to a spacer ring as such.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.588/KOL/2006 A

(19) INDIA

(22) Date of filing of Application :14/06/2006

(43) Publication Date : 22/06/2007

(54) Title of the invention : MODULAR ELECTRONIC BRAKE VALVE FOR AIR BRAKES VEHICLES

(51) International classification	:B60T13/26; B60T13/00	(71)Name of Applicant : 1)HALDEX BRAKE CORPORATION
(31) Priority Document No	:11/153,293	Address of Applicant :10930 NORTH POMONA AVENUE
(32) Priority Date	:15/06/2005	KANSAS CITY MISSOURI 64153 U.S.A.
(33) Name of priority country	:U.S.A.	(72)Name of Inventor :
(86) International Application No	:NA	1)RUDOLPH ROBERT
Filing Date	:NA	2)HOOVER JOE
(87) International Publication No	: NA	3)ENGELBERT DAVID G
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A vehicle brake system includes a source of fluid pressure adapted to supply a braking force to at least one brake actuator and a modular valve unit fluidly coupling the brake actuator to the source of fluid pressure. The modular valve unit includes a plurality of valve modules. Each of the plurality of valve modules includes a housing in which working elements of the valve module are contained and at least one port in the housing adapted to be an input port or an output port, the at least one port being adapted to cooperate with and be directly fluidly connected to at least one port of another of the plurality of valve modules, thereby obviating the need for tubing or piping. Each of the plurality of valve modules is self-contained and defines a stand-alone unit capable of operating independently of any other of the plurality of valve modules.

(54) Title of the invention : ELECTRONIC PARK BRAKE VALVE SYSTEM FOR AIR BRAKES VEHICLES

(51) International classification

:B60T13/26;
B60T13/00

(31) Priority Document No

:11/153,142

(32) Priority Date

:15/06/2005

(33) Name of priority country

:U.S.A.

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

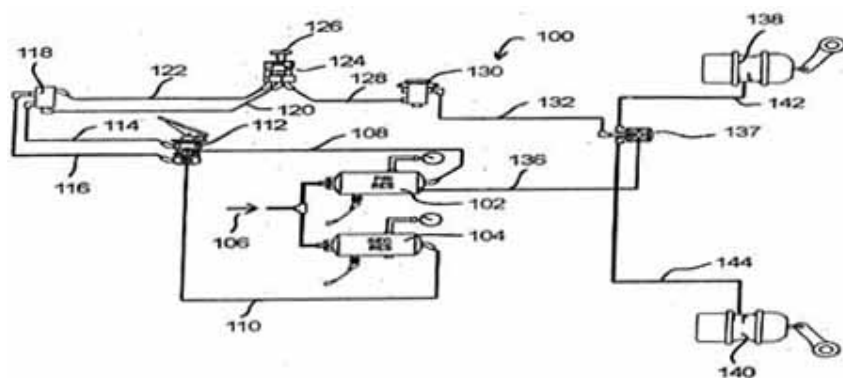
1)HALDEX BRAKE CORPORATIONAddress of Applicant :10930 NORTH POMONA AVENUE
KANSAS CITY MISSOURI 64153 U.S.A.

(72)Name of Inventor :

1)HOOVER JOE**2)RUDOLPH ROBERT****3)ENGELBERT DAVID G.****4)HAMILTON NOBLE**

(57) Abstract :

A vehicle brake system includes a source of fluid pressure adapted to supply a braking force a brake actuator including a parking brake chamber, and a combination valve fluidly coupling the brake actuator to the source of pressure, the combination valve having an inlet fluidly coupled to the source of pressure and an outlet fluidly coupled to the brake actuator. The combination valve includes within a single housing (i) a solenoid responsive to electrical signals to move from one position in which the parking brake chamber is fluidly coupled to the source of pressure in order to pressurize the parking brake chamber and release the parking brake, and another position in which the parking brake chamber of the brake actuator is vented in order to exhaust pressure within the parking brake chamber so that the parking brake is applied, and (ii) at least one of a manifold, an inversion valve, a double check valve and an anti-compounding valve.

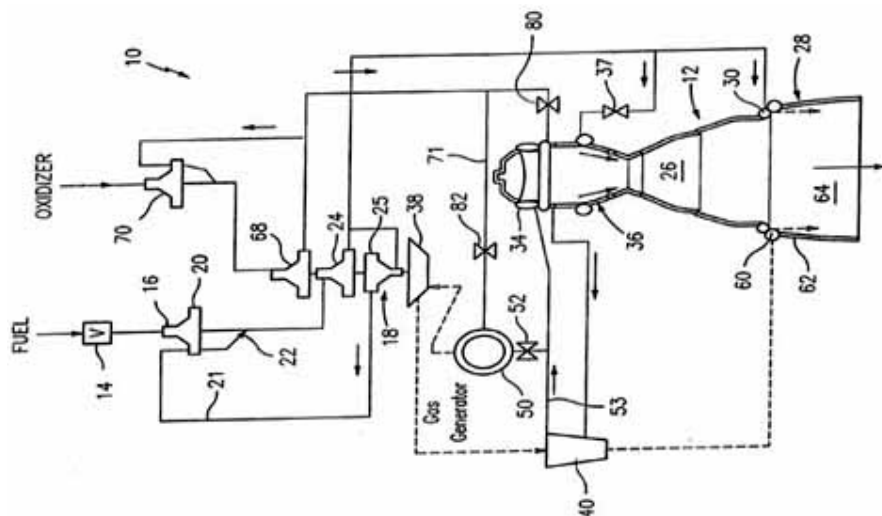


(54) Title of the invention : BOOSTER ROCKET ENGINE USING GASEOUS HYDROCARBON IN CATALYTICALLY ENHANCED GAS GENERATOR CYCLE

(51) International classification	:F02K9/42; F02K9/00	(71)Name of Applicant :
(31) Priority Document No	:11/175,671	1)UNITED TECHNOLOGIES CORPORATION
(32) Priority Date	:06/07/2005	Address of Applicant :UNITED TECHNOLOGIES BUILDING, HARTFORD CONNECTICUT 06101 U.S.A.
(33) Name of priority country	:U.S.A.	(72)Name of Inventor :
(86) International Application No	:NA	1)FOWLER, ROBERT B
Filing Date	:NA	2)JOYNER, CLAUDE R
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A process and a system for delivering a propellant combination to a rocket engine is described. The process comprises the steps of providing a flow of a hydrocarbon propellant fuel, raising the pressure of the hydrocarbon propellant fuel, cracking the hydrocarbon propellant fuel in a cracker, introducing the cracked hydrocarbon propellant fuel into a combustion chamber of the rocket engine and introducing an oxidizer into the combustion chamber. A system for performing the process is also described.



(54) Title of the invention : A ROLL, AS WELL AS A RING FOR SUCH A ROLL

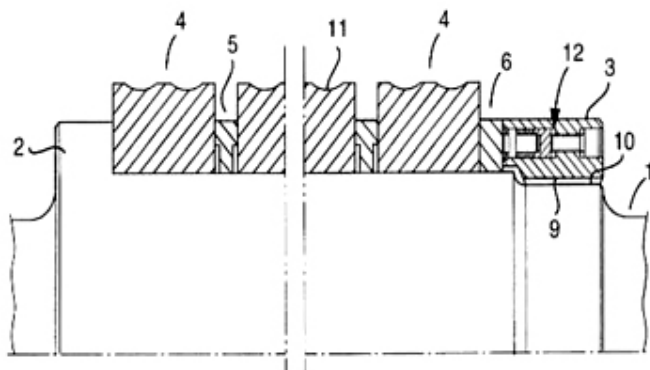
(51) International classification	:B21B27/02
(31) Priority Document No	:0501387-5
(32) Priority Date	:17/06/2005
(33) Name of priority country	:Sweden
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)SANDVIK INTELLECTUAL PROPERTY AB
 Address of Applicant :S-811 81 SANDVIKEN, SWEDEN Sweden

(72)**Name of Inventor :**
1)GLEIZER, JORGE
2)KAYHAN MENDERES
3)KARLSSON JAN-ERIK

(57) Abstract :

In a first aspect, the invention relates to a ring, preferably in the form of a lock nut, made for combi rolls, which ring includes at least one spring device (12) in which a mechanical compression spring (18) is included that acts between, on one hand, a front press body (19) that is movable to and fro in order to constantly forward a spring force generated by the compression spring and, on the other hand, a support body (20), which may assume a fixed position, but which is adjustably movable by way of a screw (26) in order to alter the tension in the compression spring. In another aspect, the invention relates to a combi roll in which the ring according to the invention is included.

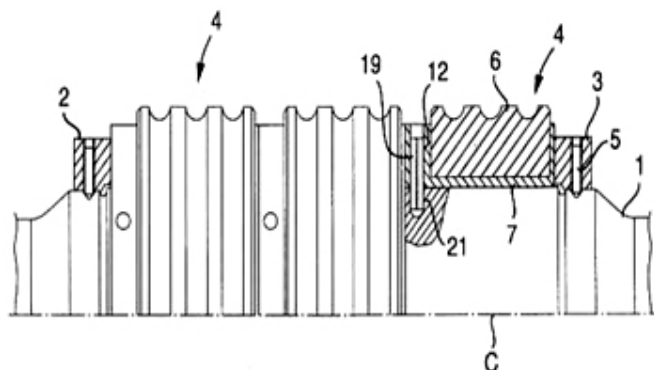


(54) Title of the invention : A ROLL, A ROLL RING AND A METHOD IN THE PRODUCTION OF SUCH A ROLL

(51) International classification	:B21B27/02	(71)Name of Applicant :
(31) Priority Document No	:0501384-2	1)SANDVIK INTELLECTUAL PROPERTY AB
(32) Priority Date	:17/06/2005	Address of Applicant :S-811 81 SANDVIKEN Sweden
(33) Name of priority country	:Sweden	(72)Name of Inventor :
(86) International Application No	:NA	1)GLEIZER ,JORGE
Filing Date	:NA	2)PRUSIC, MILINKO
(87) International Publication No	: NA	3)KARLSSON, JAN- ERIK
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a so-called combi roll comprising, on one hand, a shaft (1) having two spaced-apart stop rings (2, 3), and on the other hand a number of roll rings (4) placed between the stop rings, which roll rings individually are composed of an outer ring (6) of a hard metal, and a concentric inner ring (7) of a more ductile metal, which is permanently bonded to the outer ring metallurgically, and has a flange (12) that projects a distance axi-ally from an end of the outer ring. According to the invention, the individual roll ring (4) is rigidly connected to the shaft (1) by way of one or more locking pins (19), which are inserted in through holes in the projecting flange (12) of the inner ring and engage holes (21) in the shaft.

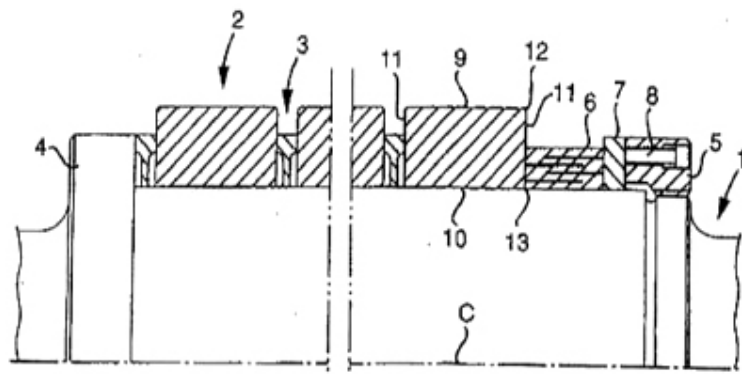


(54) Title of the invention : A ROLL

(51) International classification	:F16C13/00	(71)Name of Applicant :
(31) Priority Document No	:0501385-9	1)SANDVIK INTELLECTUAL PROPERTY AB
(32) Priority Date	:17/06/2005	Address of Applicant :S-811 81 Sandviken Sweden
(33) Name of priority country	:Sweden	(72)Name of Inventor :
(86) International Application No	:NA	1)KAYHAN, Menderes
Filing Date	:NA	2)ANKARGREN, Jimmy
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a combi roll comprising a roll shaft (1) and a roll ring (2) mounted on the same against which at least one other ring is axially pressed, such as a spacer ring (3), the contact surfaces (11) of the rings pressed against each other serving as torque-transferring friction joints. In the individual interface between two end contact surfaces (11) there is distributed a great number of small grains of a material harder than the hardest material of anyone of the rings, the grains having the purpose of partially penetrating into each one of the contact surfaces so as to increase the torque-transferring ability of the friction joint.



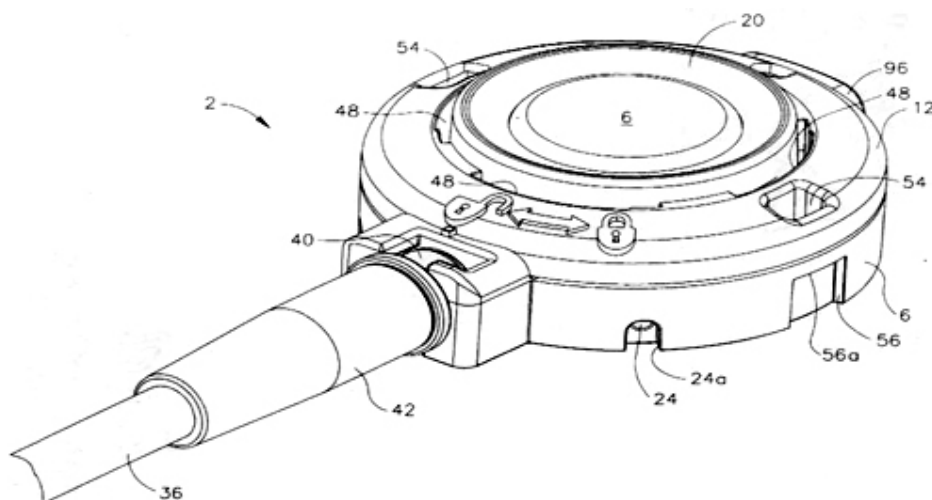
(54) Title of the invention : IMPLANTABLE MEDICAL DEVICE WITH INDICATOR

(51) International classification	:A61F2/02	(71)Name of Applicant :	1)ETHICON ENDO-SURGERY, INC.
(31) Priority Document No	:11/166968		Address of Applicant :4545 CREEK ROAD, CINCINNATI,
(32) Priority Date	:24/06/2005		OH,OHIO CORPORATION U.S.A.
(33) Name of priority country	:U.S.A.	(72)Name of Inventor :	
(86) International Application No	:NA	1)JOHN V. HUNT	
Filing Date	:NA	2)JOSHUA UTH	
(87) International Publication No	: NA	3)RANDAL T. BYRUM	
(61) Patent of Addition to Application Number	:NA	4)SEAN P. CONLON	
Filing Date	:NA		
(62) Divisional to to Application Number	:NA		
Filing Date	:NA		

(57) Abstract :

An attachment mechanism for a surgically implantable medical device includes one or more fasteners which may be simultaneously moved from an undeployed position to a deployed position by operation of an integral actuator. The attachment mechanism may be configured to be deactuated, and the fasteners simultaneously moved from a deployed position to an undeployed position, allowing removal or repositioning of the medical device.

An applier includes a locator for detachably holding the implantable medical device, locating it at the desired position, and actuating the attachment mechanism. The applier is configured to undeploy the attachment mechanism the implantable medical device can be detached from the body tissue.

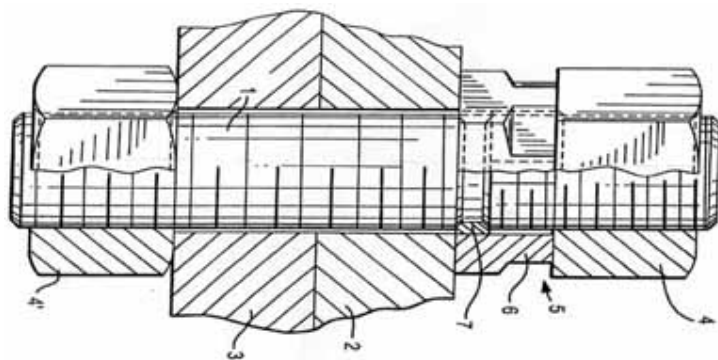


(54) Title of the invention : "A HOLDING SOCKET FOR A THREADED FASTENER"

(51) International classification	:B25B13/06; B25B13/48; B25B13/00	(71)Name of Applicant : 1)JETDYD CORP. Address of Applicant :218 ISLAND ROAD MAHWAH NEW JERSEY 07430 U.S.A.
(31) Priority Document No	:11/251,265	(72)Name of Inventor :
(32) Priority Date	:14/10/2005	1)KOPPENHOEFER PETER
(33) Name of priority country	:U.S.A.	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A holding socket for a fastener having a nut arrangeable on a threaded element, and a washer located between the nut and an object, the holding socket has a body having two opposite ends with a first end connectable to a part of a power tool and a second end which is axially spaced from the first end and connectable with the washer so as to hold the washer against rotation, and a locking element located in an area of the second end of the body and displaceable transversely to the body between a position in which it is located axially between the second end of the body and the nut and therefore prevents a removal of the socket from a fastener and another position in which it is no longer located axially between the second end of the body and the nut, and therefore allows withdrawal of the socket from the fastener.

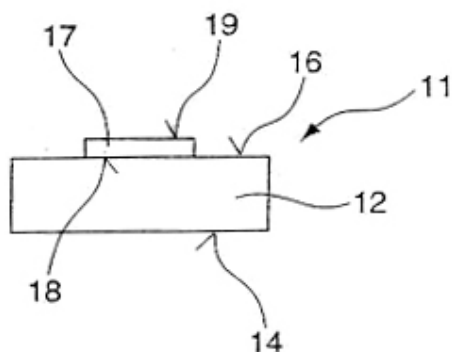


(54) Title of the invention : CALIBRATION STANDARD

(51) International classification	:G01B21/00	(71)Name of Applicant :
(31) Priority Document No	:10 2005	1)IMMOBILIENGESSELLSCHAFT HELMUT FISCHER GMBH & CO.KG.
(32) Priority Date	:028 652.6	Address of Applicant :Industriestrasse 21 D-71069 Sindelfingen
(33) Name of priority country	:20/06/2005	Germany
(86) International Application No	:Germany	(72)Name of Inventor :
Filing Date	:NA	1)Helmut Fischer
(87) International Publication No	:NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a calibration standard, especially for the calibration of devices for the non-destructive measurement of the thickness of thin layers, with a carrier layer (12) consisting of a basic material and a standard (17) applied on the carrier layer (12), said standard having the thickness of the layer to be measured at which the device is to be calibrated, with the carrier layer (12) comprising a plane-parallel measuring surface (16) to its bearing surface (14), that the standard (17) comprises a bearing surface (18) plane-parallel with its measuring surface (19) for bearing on the measuring surface (16) of the carrier layer (12), and that the standard (17) is permanently provided on the carrier layer (12) by means of plating by rubbing

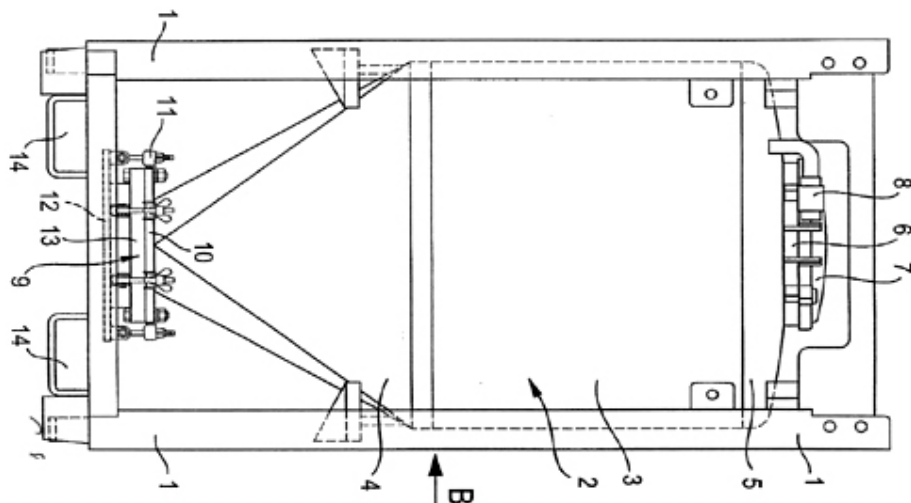


(54) Title of the invention : METHOD AND APPARATUS FOR TRANSPORTING BULK MATERIALS

(51) International classification	:B65G1/00	(71)Name of Applicant :
(31) Priority Document No	:102005056740.1-22	1)DEGUSSA AG
(32) Priority Date	:29/11/2005	Address of Applicant :BENNIGSENPLATZ 1, 40474 DUSSELDORF Germany
(33) Name of priority country	:Germany	(72)Name of Inventor :
(86) International Application No	:NA	1)CLAUS BAUER
Filing Date	:NA	2)STEFAN DREWES
(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 :

Bulk materials are filled in the dry state, under an inert gas atmosphere, into a transporting vessel, which then has an excess inert gas pressure. The operation of emptying the bulk material out of the transporting vessel likewise takes place under an inert gas atmosphere. The method and the apparatus are suitable for transporting bulk materials which are sensitive to air and moisture. The operation of emptying the bulk material out of the transporting vessel likewise takes place under an inert gas atmosphere. The method and the apparatus are suitable for transporting bulk materials which are sensitive to air and moisture.

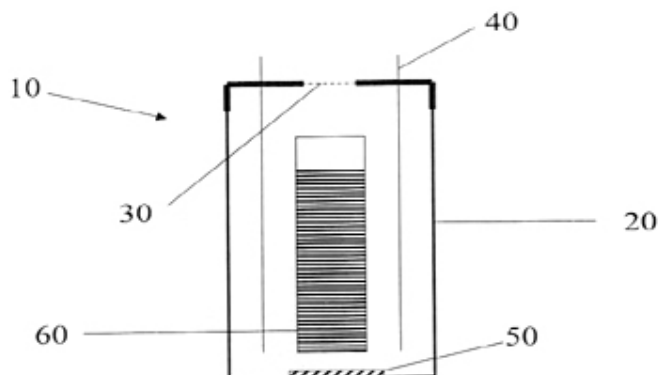


(54) Title of the invention : DEVICE AND METHOD FOR RAPIDLY DETERMINING THE EFFECTIVENESS OF STERILIZATION OR DISINFECTION PROCESS

(51) International classification	:A61L2/00, C12Q1/22; G01N33/52	(71)Name of Applicant : 1)ETHICON, INC. Address of Applicant :U.S. Route 22, Somerville, NJ 08876 New Jersey Corporation, U.S.A.
(31) Priority Document No	:11/172553	(72)Name of Inventor :
(32) Priority Date	:30/06/2005	1)Kevin Kyung-Hee Song
(33) Name of priority country	:U.S.A.	2)Szu-Min Lin
(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 to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A device and a method for rapidly determining the effectiveness of sterilization or disinfection processes are provided. The method involves contacting a biological indicator containing a known number of live spores to a sterilization or disinfection process. When the spores are killed, the minerals in the spores are released. Water is contacted with the dead spores to form an aqueous solution. A parameter related to the concentration of a mineral in the aqueous solution is measured. The effectiveness of the germicidal process is determined from the parameter and the initial number of spores in the biological indicator. Measuring the parameter by measuring the conductivity of the aqueous solution is particularly effective and sensitive.



(54) Title of the invention : PENETRATING INJECTION NEEDLE

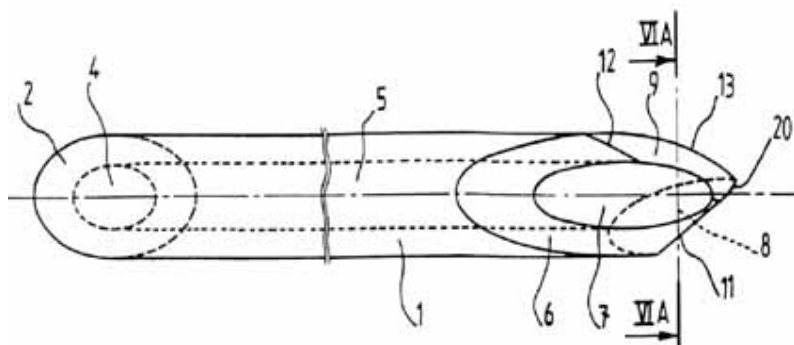
(51) International classification	:A61M5/32
(31) Priority Document No	:05 06 215
(32) Priority Date	:20/06/2005
(33) Name of priority country	:France
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71) **Name of Applicant :**
1) VILLETTE ALAIN
 Address of Applicant : LES VANNES 79700 SAINT-PIERRE LES
 ECHAUBROGNES France

(72) **Name of Inventor :**
1) VILLETTE ALAIN

(57) Abstract :

The invention concerns a penetrating injection needle for the injection of a pharmaceutical product into a human or animal body. The needle consists of a tubular body (1) having two opposing ends, a first end (2) being intended to connect to means for driving in rotation and means for pumping a product and a second end intended to penetrate the human or animal body and provided with a main bevel (6) and at least one secondary bevel (8). The secondary bevel or bevels (8) is/are arranged in opposition relative to the main bevel (6) and form a cutting edge (11) and a needle point (20) with it.

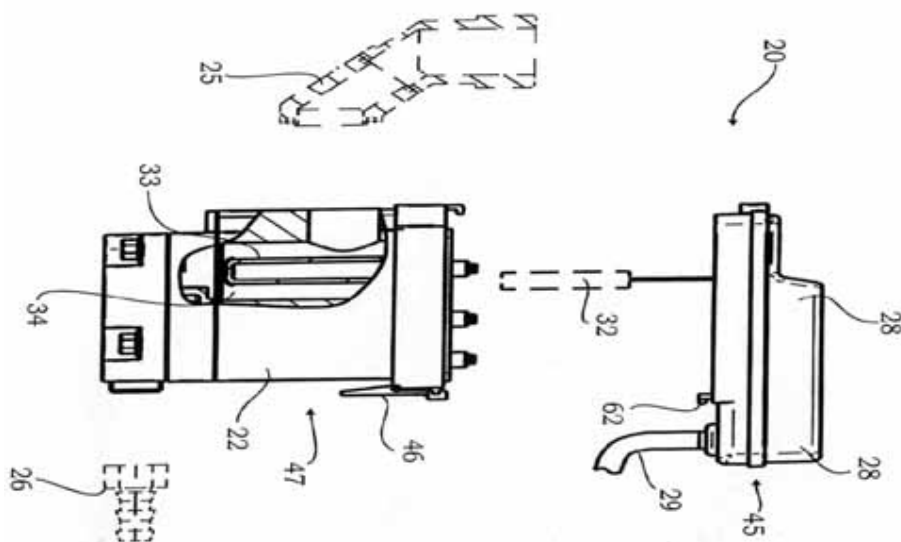


(54) Title of the invention : CONDENSATE DRAINAGE WITH MAINTENANCE INTERFACE

(51) International classification	:F16T1/38; F16T1/00	(71)Name of Applicant : 1)BEKO TECHNOLOGIES GMBH
(31) Priority Document No	:10 2005 028 632.1	Address of Applicant :IM TAUBENTAL 7 41468 NEUSS Germany
(32) Priority Date	:20/06/2005	(72)Name of Inventor : 1)SINSTEDTEN JOHANNES
(33) Name of priority country	:Germany	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a steam trap (20) for draining off condensate from a collecting chamber (34) in which condensate resulting in a pressure gas system is collected, the collecting chamber (34) being pressurized by a gas pressure which, depending upon the operating state of the pressure gas system, may be a negative pressure below the atmospheric pressure, an overpressure above the atmospheric pressure or an atmospheric pressure itself. The steam trap (20) may be separated via an interface into an integral first assembly unit (45) and an integral maintenance assembly unit (47) which comprises the essential wear and tear parts.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.610/KOL/2006 A

(19) INDIA

(22) Date of filing of Application :21/06/2006

(43) Publication Date : 22/06/2007

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

(51) International classification	:C09D175/06	(71)Name of Applicant :
(31) Priority Document No	:10 2005	1)DEGUSSA AG
(32) Priority Date	037690.8	Address of Applicant :Bennigsenplatz 1, 40474 Dusseldorf Germany
(33) Name of priority country	:10/08/2005	(72)Name of Inventor :
(86) International Application No	:Germany	1)Dr. Albert Frings
Filing Date	:NA	2)Louis Janssens
(87) International Publication No	: NA	3)Dr. Stefan Lotter
(61) Patent of Addition to Application Number	:NA	4)Dr. Ulrich Deschler
Filing Date	:NA	5)Alfred Alig
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

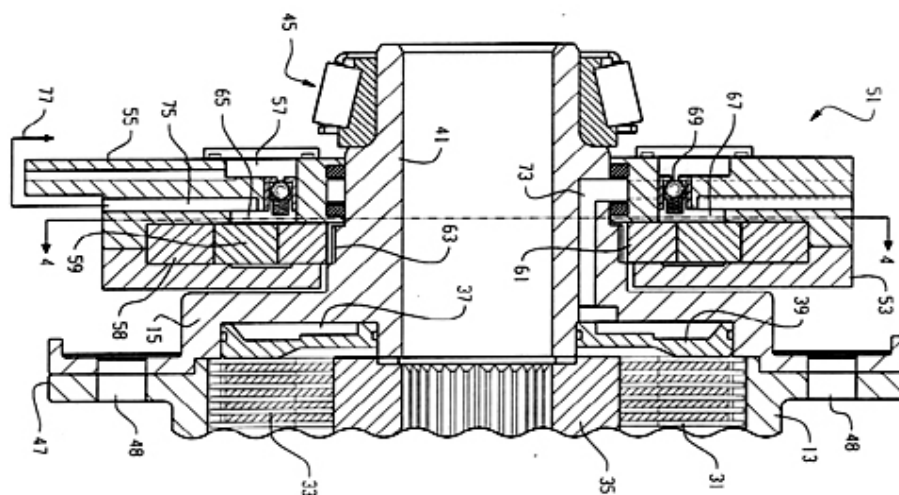
The invention relates to a process for the preparation of an organosilicon compound of the general formula (I) $(R_1R_2R_3SiR_4)_2S_x$ (I) by reacting haloalkoxysilanes of the general formula (II) $R_1R_2R_3SiR_4X$ (II) with a dry polysulphide of the general formula (III) M_2SZ (III) and/or dry sulphide of the general formula IV M_2S (IV) and optionally sulphur in an organic solvent, the organic solvent being removed from the resulting suspension, the mixture containing the organosilicon compound of the general formula (I) and the solid MX being mixed with water containing at least one buffer, and the resulting phases being separated.

(54) Title of the invention : IMPROVED COUPLING DEVICE INDEPENDENT OF DIFFERENTIAL SPEED

(51) International classification	:F16D13/58	(71)Name of Applicant :	
(31) Priority Document No	:11/167,474	1)EATON CORPORATION	
(32) Priority Date	:27/06/2005	Address of Applicant :1111 Superior Avenue, Cleveland, Ohio	
(33) Name of priority country	:U.S.A.	44114, U.S.A.	
(86) International Application No	:NA	(72)Name of Inventor :	
Filing Date	:NA	1)JOHN ALLEN GROGG	
(87) International Publication No	: NA		
(61) Patent of Addition to Application Number	:NA		
Filing Date	:NA		
(62) Divisional to to Application Number	:NA		
Filing Date	:NA		

(57) Abstract :

A coupling device (11;111) including a rotatable housing (13;15;113) defining a clutch cavity and a clutch assembly (29;129) disposed therein. The housing defines an apply chamber (37;137) and a clutch apply member (39) disposed therein to bias the clutch assembly into engagement. A source of pressurized fluid for the clutch apply member comprises a pumping element (59;61;159,161) operable to pump pressurized fluid in response to rotation of a rotor (61;161). There is a stationary plenum assembly (51;153) defining a pumping chamber, and the pumping element is operably disposed within the pumping chamber, and a drive means (63;163) is operable to transmit rotational movement of the rotatable housing (13;15;113) to said rotor (61;161) of the pumping element, such that clutch engagement is not dependent upon coupling input-to-output speed differential.

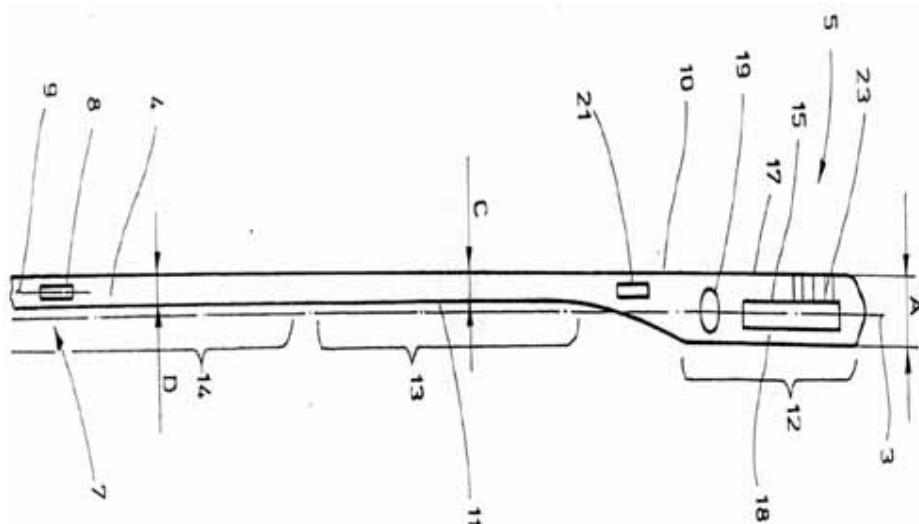


(54) Title of the invention : HEALD, PARTICULARLY FOR RAPIDLY RUNNING WEAVING MACHINES

(51) International classification	:D03C13/00, D03C9/02	(71)Name of Applicant :	1)GROZ-BECKERT KG
(31) Priority Document No	:102005033175.0- 26	Address of Applicant :	PARKWEG 2 72458 ALBSTADT, Germany
(32) Priority Date	:13/07/2005	(72)Name of Inventor :	1)OLIVER HANS MATHEWS
(33) Name of priority country	:Germany		
(86) International Application No	:NA		
Filing Date	:NA		
(87) International Publication No	: NA		
(61) Patent of Addition to Application Number	:NA		
Filing Date	:NA		
(62) Divisional to to Application Number	:NA		
Filing Date	:NA		

(57) Abstract :

An improved heald consists of a flat material, such as tempered steel. It has closed (O-shaped) end eyelets (5, 6) which are one-piece parts of the heald body (4). An edge (10) which extends along the full length of the heald (1), is of entirely straight configuration. In contrast, the oppositely-located edge (11) consists of offset straight portions. A particularity of the heald according to the invention resides in the fact that the openings (15, 16) provided in the end eyelets (5, 6) for receiving the shaft staves are eccentrically arranged, whereby the two webs (17, 18) bordering the openings (15, 16) have unlike widths. With a reduced material input and weight a heald is obtained which, as concerns stability and possibility of utilization in existing weaving systems is at least equivalent to conventional healds.

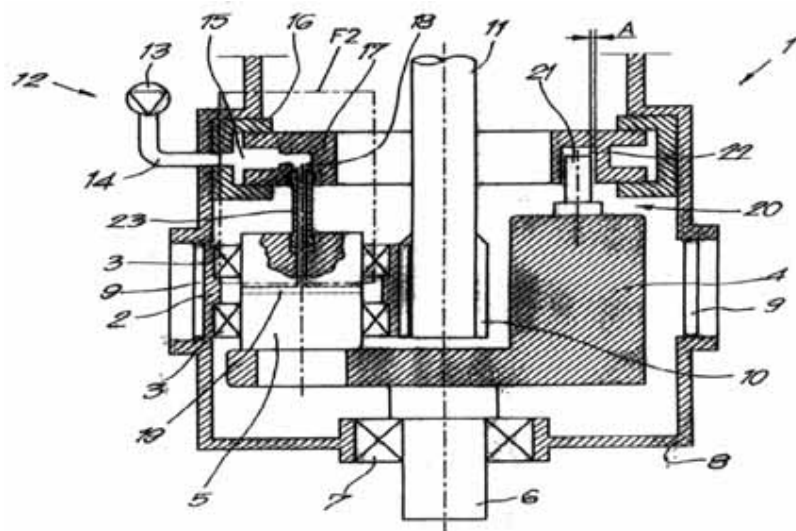


(54) Title of the invention : A PLANETARY GEAR WHEEL CONSTRUCTION

(51) International classification	:F16H1/28; F16H57/04	(71)Name of Applicant :
(31) Priority Document No	:2005/0415	1)HANSEN TRANSMISSIONS INTERNATIONAL, naamloze vennootschap
(32) Priority Date	:31/08/2005	Address of Applicant :LEONARDO DA VINCILAAN 1 B-2650
(33) Name of priority country	:Belgium	EDEGEM Belgium
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)SMET WIM MARTHA VICTOR
(87) International Publication No	: NA	2)SMOOK WARREN GREGORY
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A planetary gear wheel construction (1) with one or several planet wheels (2) which are bearing-mounted on a planet carrier (4), which is provided in a rotating manner in a housing (8), and an oil lubrication (12) which is formed of an oil supply (14) via a ring-shaped channel (15) in the housing (8) formed of a ring-shaped groove (16) and a distribution element (17) turning along with the planet carrier (4) which is held in said groove (16) such that it can rotate, and which is provided with a passage (18) to connect said oil channel (15) to an oil channel (19) in the planet carrier (4) which opens at a planet wheel (2), characterized in that the distribution element (17) is coupled to the planet carrier (4) by means of a loose connection (20) which makes it possible to transmit the rotational movement of the planet carrier (4) to the distribution element (17), and in that the oil channel (19) in the planet carrier (4) is connected to the passage (18) in the distribution element (17) by means of a flexible or moving oil pipe (23).

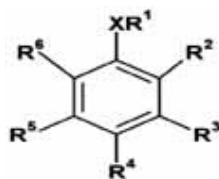


(54) Title of the invention : CARBON MATERIAL

(51) International classification	:C01B31/02; C01B31/00	(71) Name of Applicant : 1)DEGUSSA AG
(31) Priority Document No	:10 2005 037336.4	Address of Applicant :BENNIGSENPLATZ 1, 40474 DUSSELDORF Germany
(32) Priority Date	:04/08/2005	(72) Name of Inventor :
(33) Name of priority country	:Germany	1)DR. THOMAS LUTHGE
(86) International Application No	:NA	2)RALPH MCINTOSH
Filing Date	:NA	3)GERD TAUBER
(87) International Publication No	: NA	4)WERNER KALBITZ
(61) Patent of Addition to Application Number	:NA	5)STEPHAN LUDTKE
Filing Date	:NA	6)PROF. EGON FANGHANEL
(62) Divisional to to Application Number	:NA	7)DR. GERD SCHUKAT
Filing Date	:NA	

(57) Abstract :

Carbon material having organic groups, obtainable by the reaction of carbon material with organic compounds of the general formula 1. The invention's carbon materials having organic groups are useful in dispersions, rubber, plastics, inks, including solvent borne inks, waterborne inks, inkjet inks, xerographic toners, coatings, paints, bitumen, concrete or other building materials, paper or as a reducing agent in metallurgy.



(54) Title of the invention : IMPROVEMENTS IN LATCHES

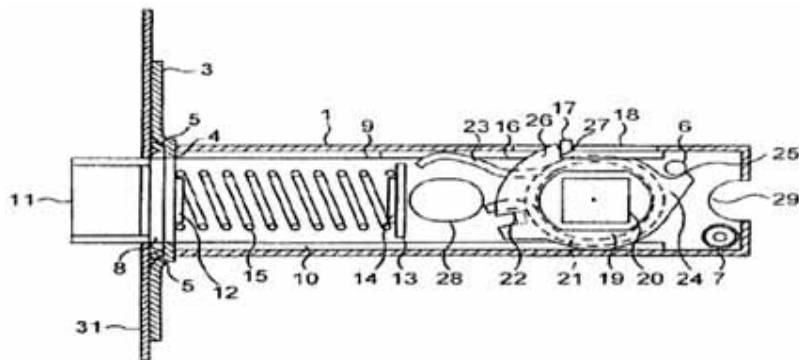
(51) International classification	:E06B65/00
(31) Priority Document No	:0400441.2
(32) Priority Date	:09/01/2004
(33) Name of priority country	:U.K.
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:773/KOL/2004
Filing Date	30/11/2004

(71)**Name of Applicant :**
1)MIDDLETON, Colin Sidney
 Address of Applicant : "Benaros" 10 Lansdowne Road, Budleigh,
 Salterton, Devon EX9 6AH, U.K.

(72)**Name of Inventor :**
1)MIDDLETON, Colin Sidney

(57) Abstract :

A latch comprises a casing (1), a latch bolt slidably mounted in the casing, an inner forend (3) secured to one end of the casing, an outer forend (31), a spring (15) arranged to act on the latch bolt to urge the latch bolt out of the casing through apertures in the inner and outer forends and a follower (19) arranged to act on the latch bolt to retract the latch bolt against the action of the spring (15). The latch bolt comprises a latch bolt lath (8,9,10) and a bolt head (11) which is rotatably mounted on the latch bolt lath. The inner forend (3) has a central recessed area (4) in which the bolt head (11) is located. The arrangement is such that, if the outer forend (31) is removed, the bolt head (11) can be turned through 180 degree to produce either a left-handed or a right-handed latch and the outer forend (31) can then be replaced.

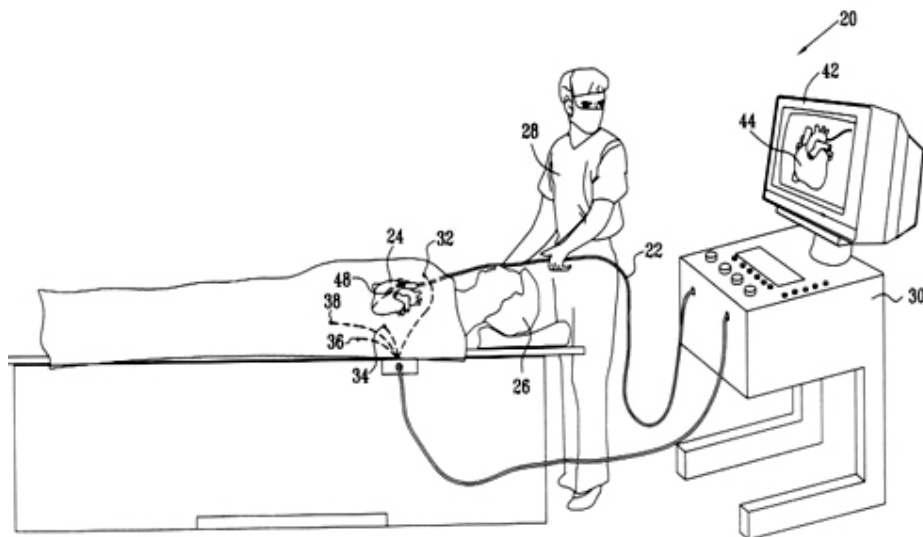


(54) Title of the invention : RELATIVE IMPEDANCE MEASUREMENT

(51) International classification	:A61B5/05	(71)Name of Applicant :
(31) Priority Document No	:11/177,861	1)BIOSENSE WEBSTER, INC
(32) Priority Date	:08/07/2005	Address of Applicant :3333 DIAMOND CANYON ROAD,
(33) Name of priority country	:U.S.A.	DIAMOND BAR, CA 91765 U.S.A.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)DANIEL OSADCHY
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method for calibrating impedance includes coupling at least first, second, and third electrodes at respective locations to a surface of a body of a subject. A first current passing through the body between the first and second body-surface electrodes is measured, and a second current passing through the body between the first and third body-surface electrodes is measured. From the first and second currents, a contact factor is derived that is indicative of the impedance between at least one of the body-surface electrodes and the surface of the body. Also described are methods for sensing the position of a probe and for detecting tissue contact based on a relation between currents from the probe to body-surface electrodes.



(54) Title of the invention : METHOD CLUSTER SYSTEM AND COMPUTER-READABLE MEDIUM FOR DISTRIBUTING DATA PACKETS

(51) International classification

:H04L29/06

(31) Priority Document No

:60/698,463

(32) Priority Date

:12/07/2005

(33) Name of priority country

:U.S.A.

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

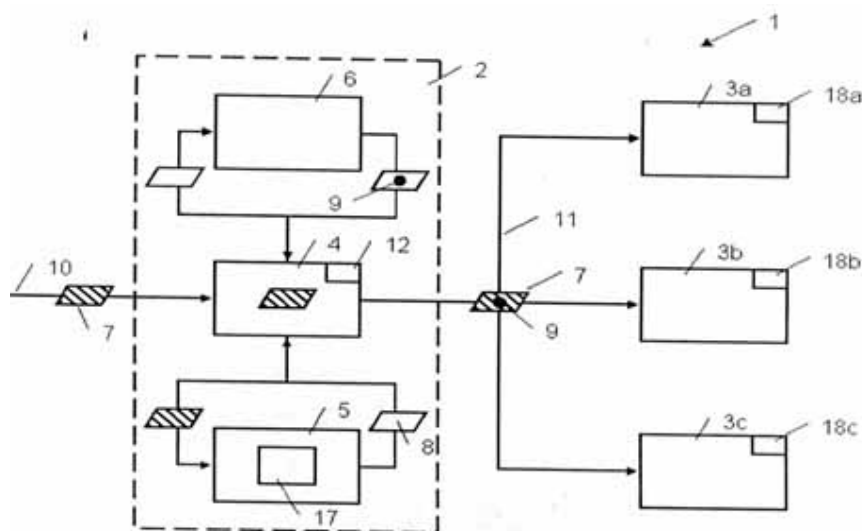
1)FUJITSU SIEMENS COMPUTERS INCAddress of Applicant :1250 East Arques Avenue Mail Stop 190
Sunnyvale, CA 94085-5401 U.S.A.

(72)Name of Inventor :

1)Rajendran Vishwanathan

(57) Abstract :

The invention concerns a method, a cluster system and a computer-readable medium for distributing data packets addressed to at least one virtual address (12) over a communication network (11) using a protocol, which allows for at least some content of the data packet to be encrypted, to a multiplicity of service nodes (3). The method comprises the steps of receiving incoming data packets addressed to a virtual address (12) through a packet analyzer (4) and identifying whether the incoming data packets are encrypted. If an encryption data packet (7) is found it is forwarded to a decryption module (5) and a decrypted data packet (8) is returned. Based on the decrypted data packet (8) a scheduling decision is made by a scheduling module (6). Scheduling data (9) is then combined with the originally received encrypted data packet (7) such that the encrypted data packet (7) can be forwarded to one service node (3) for further processing.



(54) Title of the invention : APPARATUS IN A SPINNING MILL FOR TRANSPORTING A CAN-LESS FIBRE SLIVER PACKAGE

(51) International classification

:D01G23/00;
D01G23/00

(31) Priority Document No

:11/247,276

(32) Priority Date

:12/10/2005

(33) Name of priority country

:U.S.A.

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

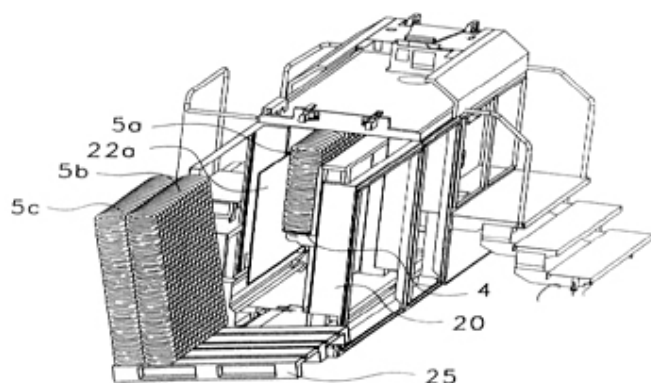
1)TRUTZSCHLER GMBH & CO. KG.Address of Applicant :DUVENSTR. 82-92, D-41199
MONCHENGLADBACH Germany

(72)Name of Inventor :

1)STEFAN SCHLICHTER

(57) Abstract :

In an apparatus in a spinning mill for transporting a can-less fibre sliver package between a sliver-delivering spinning machine, for example a draw frame, or a storage means and a further processing device or a further storage means, having a support for receiving the can-less fibre sliver package, the support being substantially unenclosed, the support and the can-less fibre sliver package are transportable in common. In order to effect simple transport of the can-less fibre sliver package, the support for receiving the at least one fibre sliver package can be brought to the sliver-delivering spinning machine or to the storage means and, after the package has been received, the support, together with the stably positioned fibre sliver package, can be supplied to the further processing device or to the further storage means.

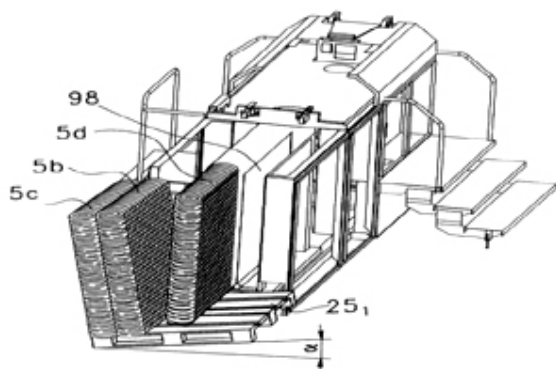


(54) Title of the invention : APPARATUS ON A SPINNING MACHINE, ESPECIALLY A SPINNING PREPARATION MACHINE FOR DEPOSITING AND DISCHARGING FIBRE SLIVER

(51) International classification	:B65H54/00	(71)Name of Applicant :
(31) Priority Document No	:11/247,276	1)TRUTZSCHLER GMBH & CO. KG.
(32) Priority Date	:12/10/2005	Address of Applicant :DUVENSTR. 82-92, D-41199
(33) Name of priority country	:U.S.A.	MONCHENGLADBACH Germany
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)DR. STEFAN SCHLICHTER
(87) International Publication No	: NA	2)DR. STEFAN PETERS
(61) Patent of Addition to Application Number	:NA	3)JOSEF TEMBURG
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

In an apparatus on a spinning machine, especially a spinning preparation machine, for example a flat card, draw frame, combing machine, integrated drafting system, roller card or the like, for depositing fibre sliver, in which there is a delivery device (coiler plate) for delivering fibre sliver and a substantially planar receiving support surface for receiving and collecting the fibre sliver in the form of a can-less fibre sliver package, the receiving support surface being substantially unenclosed, the receiving support surface and the delivery device being displaceable relative to one another, the receiving support surface being movable back and forth horizontally, and in which there is a device for displacing (discharging) the collected fibre sliver in the form of a can-less fibre sliver package out of the depositing area. In order to effect simple discharge of the can-less fibre sliver package, a storage device, for example a belt storage means or the like, is provided for receiving at least one fibre sliver package, in which the at least one fibre sliver package is stably positionable.

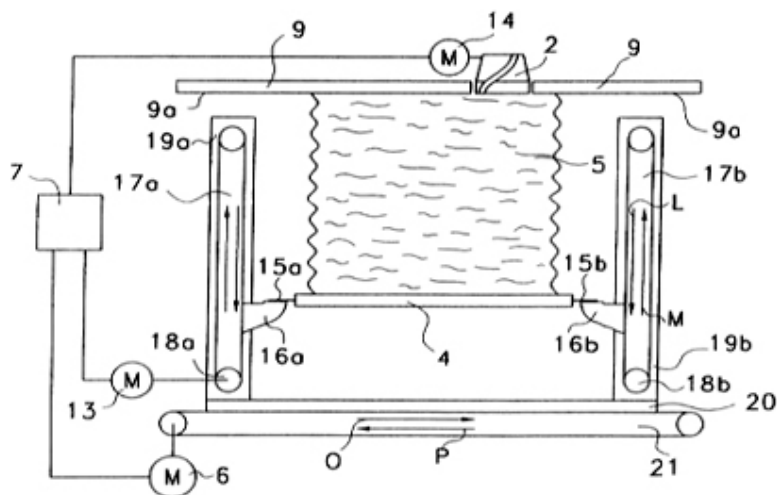


(54) Title of the invention : APPARATUS ON A SPINNING MACHINE, ESPECIALLY A SPINNING PREPARATION MACHINE FOR DEPOSITING AND DISCHARGING FIBRE SLIVER

(51) International classification	:B65H54/00	(71)Name of Applicant :
(31) Priority Document No	:11/247,276	1)TRUTZSCHLER GMBH & CO. KG.
(32) Priority Date	:12/10/2005	Address of Applicant :DUVENSTR. 82-92, D-41199
(33) Name of priority country	:U.S.A.	MONCHENGLADBACH Germany
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)DR. STEFAN SCHLICHTER
(87) International Publication No	: NA	2)DR. STEFAN PETERS
(61) Patent of Addition to Application Number	:NA	3)JOSEF TEMBURG
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

In an apparatus on a spinning machine, especially a spinning preparation machine, for example a flat card, draw frame, combing machine, integrated drafting system, roller card or the like, for depositing fibre sliver, in which there is a delivery device (coiler plate) for delivering fibre sliver and a substantially planar receiving support surface for receiving and collecting the fibre sliver in the form of a can-less fibre sliver package, the receiving support surface being substantially unenclosed, the receiving support surface and the delivery device being displaceable relative to one another, the receiving support surface being movable back and forth horizontally, and in which there is a device for displacing (discharging) the collected fibre sliver in the form of a can-less fibre sliver package out of the depositing area. In order to effect simple discharge of the can-less fibre sliver package, the fibre sliver package, together (in common) with the receiving support surface, is dischargeable from the machine, the fibre sliver package is removable from the receiving support surface and the receiving support surface (alone) is displaceable back into the machine.

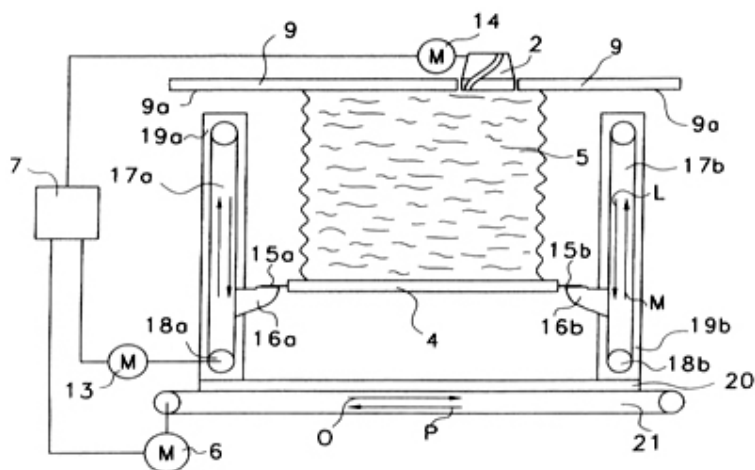


(54) Title of the invention : APPARATUS ON A SPINNING MACHINE, ESPECIALLY A SPINNING PREPARATION MACHINE FOR DEPOSITING FIBRE SLIVER

(51) International classification	:B65H54/00	(71) Name of Applicant :	
(31) Priority Document No	:11/247,276	1)TRUTZSCHLER GMBH & CO. KG.	
(32) Priority Date	:12/10/2005	Address of Applicant :DUVENSTR. 82-92, D-41199	
(33) Name of priority country	:U.S.A.	MONCHENGLADBACH Germany	
(86) International Application No	:NA	(72) Name of Inventor :	
Filing Date	:NA	1)DR. STEFAN SCHLICHTER	
(87) International Publication No	: NA	2)DR. STEFAN PETERS	
(61) Patent of Addition to Application Number	:NA	3)JOSEF TEMBURG	
Filing Date	:NA		
(62) Divisional to to Application Number	:NA		
Filing Date	:NA		

(57) Abstract :

In an apparatus on a spinning machine, especially a spinning preparation machine, for example a flat card, draw frame, combing machine, integrated drafting system, roller card or the like, for depositing fibre sliver, in which there is a delivery device (coiler plate) for delivering fibre sliver and a substantially planar receiving support surface for receiving and collecting the fibre sliver in the form of a can-less fibre sliver package, the receiving support surface being substantially unenclosed, the receiving support surface and the delivery device being displaceable relative to one another in a depositing area in which the fibre sliver is depositable, the receiving support surface being movable back and forth horizontally, the delivery device being in a fixed position during delivery of the fibre sliver, the receiving support surface is lowerable vertically during delivery of the fibre sliver. In order to improve the production of the fibre sliver package, the delivery device and the receiving support surface are in contact with the fibre sliver and the fibre sliver package is stably positionable during the back and forth movement and the lowering movement.

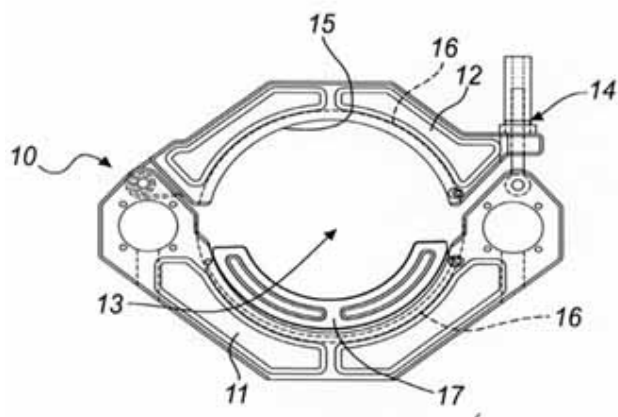


(54) Title of the invention : LOCKING VISE FOR PIPES

(51) International classification	:B25B1/20; B25B1/02; B25B1/10; B25B1/00	(71)Name of Applicant : 1)RITMO S.P.A. Address of Applicant :VIA A. Volta 7 35037 TEOLO (Prov. of PADOVA) Italy
(31) Priority Document No	:PD 2005A000216	(72)Name of Inventor : 1)Renzo BORTOLI
(32) Priority Date	:12/07/2005	
(33) Name of priority country	:Italy	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A locking vise for pipes, useful particularly but not exclusively in operations for welding portions of plastic pipe by polywelding of the head portion. The vise comprises two mutually opposite jaws (11, 12) which form, when clamped, a circular locking seat (13) for a portion of pipe. A slot (16) is formed on the grip surface (15) of each jaw (11, 12) in order to accommodate a corresponding portion of a body (17) for reducing the diameter of the circular locking seat (13) of the pipes. Means (20) for fixing to the corresponding jaw (11, 12) are further associated with each reduction body (17). The fixing means (20) comprise at least one locking pin (21), which can perform an axial translational motion and is inserted through the slot (16) transversely to the slot (16). The locking pin (21) has, in the axial direction, a first part (22), which forms, when arranged in the slot (16), an undercut (24) for preventing extraction for the reduction body (17), and a second part (23), which is recessed with respect to the first part (22) and forms, when arranged in the slot (16), a disengagement configuration for the reduction body (17).

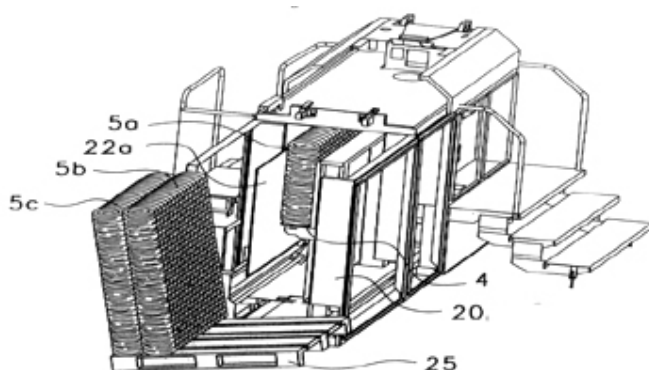


(54) Title of the invention : APPARATUS IN A SPINNING MILL FOR MAKING AVAILABLE A CAN-LESS FIBRE SLIVER PACKAGE (FEED MATERIAL) FOR A SLIVER-FED SPINNING MACHINE, FOR EXAMPLE A DRAW FRAME.

(51) International classification	:B65B63/02; B65B63/00; B65H54/00	(71)Name of Applicant : 1)TRUTZSCHLER GMBH & CO. KG. Address of Applicant :Duvenstr. 82-92, D-41199 Monchengladbach Germany
(31) Priority Document No	:11/247,276	(72)Name of Inventor :
(32) Priority Date	:12/10/2005	1)STEFAN SCHLICHTER
(33) Name of priority country	:U.S.A.	2)ACHIM BREUER
(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 to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

In an apparatus in a spinning mill for making available a can-less fibre sliver package (feed material) for a sliver-fed spinning machine, for example a draw frame, flyer, combing preparation machine, spinning machine, from an upstream sliver-delivering spinning machine, for example a draw frame, or from an upstream storage means, the can-less fibre sliver package can be supplied to the sliver-fed spinning machine by a transport device. In order that fibre sliver (feed material) is made available in a simple manner, at least one can-less fibre sliver package can be supplied to the feed positions of the sliver-fed spinning machine and stably positioned at the feed positions.

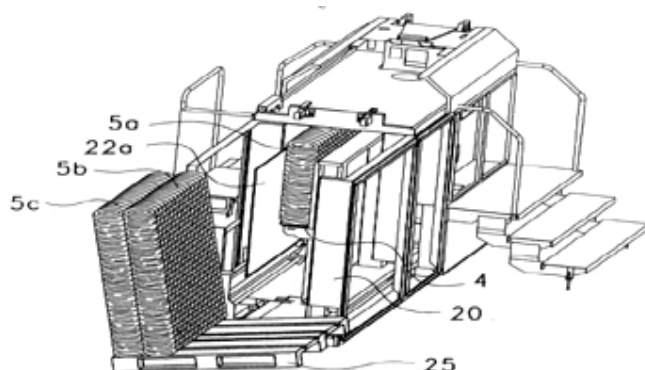


(54) Title of the invention : APPARATUS IN A SPINNING MILL FOR TRANSPORTING A CAN-LESS FIBRE SLIVER PACKAGE

(51) International classification	:B65B63/02; B65H54/00; B65B63/00	(71)Name of Applicant : 1)TRUTZSCHLER GMBH & CO.KG. Address of Applicant :Duvenstr. 82-92, D-41199 Monchengladbach Germany
(31) Priority Document No	:11/247,276	(72)Name of Inventor :
(32) Priority Date	:12/10/2005	1)STEFAN SCHLICHTER
(33) Name of priority country	:U.S.A.	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

In an apparatus in a spinning mill for transporting a can-less fibre sliver package between a sliver-delivering spinning machine, for example a draw frame, or a storage means and a further processing device or a further storage means, having a support for receiving the can-less fibre sliver package, the support being substantially unenclosed, the support and the can-less fibre sliver package are transportable in common. In order to effect simple transport of the can-less fibre sliver package, there is a transport device for common transport of the support and at least one stably positioned fibre sliver package, the transport device being track-guided or freely movable.

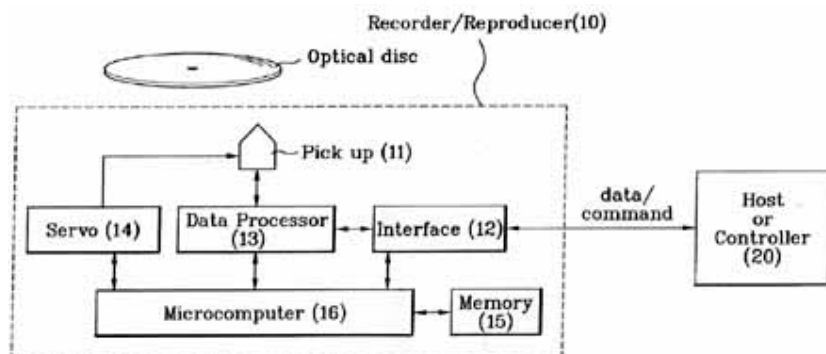


(54) Title of the invention : RECORDING MEDIUM METHOD OF CONFIGURING CONTROL INFORMATION THEREOF, RECORDING AND REPRODUCING METHOD USING THE SAME, AND APPARATUS THEREOF

(51) International classification	:G11B7/00	(71)Name of Applicant :	
(31) Priority Document No	:10-2003-0056540	1)LGELECTRONICS, INC.	
(32) Priority Date	:14/08/2003	Address of Applicant :20, YOIDO-DONG, YOUNGDUNGPO-GU,	
(33) Name of priority country	:Republic of Korea	SEOUL, Republic of Korea	
(86) International Application No	:NA	(72)Name of Inventor :	
Filing Date	:NA	1)SUH, SANG, WOON	
(87) International Publication No	: NA	2)KIM, JIN YONG	
(61) Patent of Addition to Application Number	:NA		
Filing Date	:NA		
(62) Divisional to to Application Number	:516/KOLNP/2006		
Filing Date	06/03/2006		

(57) Abstract :

A data, structure of a control information for use with a recording medium having at least one recording layer, wherein the control information includes at least two information units including first information unit for a lower writing speed and second information unit for a higher writing speed, wherein the first information unit includes write strategy parameters for first write strategy type to be used for the writing speed, the first write strategy type being one of a plurality of write strategy types applicable to the same writing speed and recording layer, and the second information unit for a higher writing speed includes write strategy parameters for the first write strategy type or a second write strategy type to be used for the higher writing speed.



(54) Title of the invention : "SAFETY SYRINGE"

(51) International classification

:A61M5/178;

A61M5/50

(31) Priority Document No

:094211647

(32) Priority Date

:08/07/2005

(33) Name of priority country

:Chinese

Taipei

(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 to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)XIANG GUANG INTERNATIONAL CO., LTD.

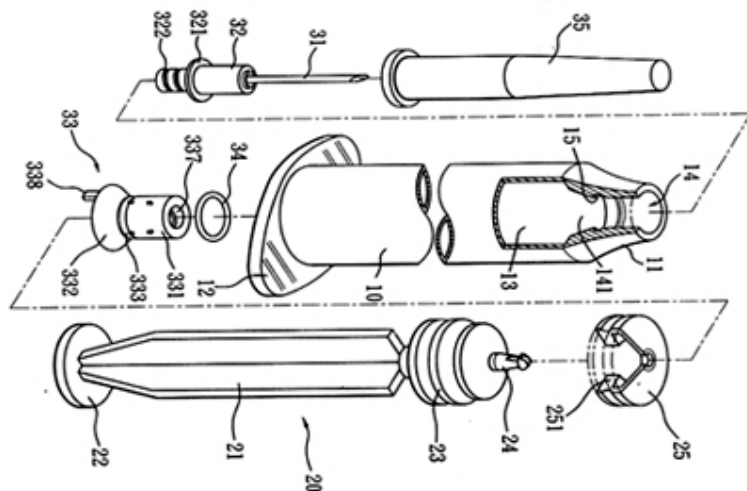
Address of Applicant :IF.,NO.,116, JINHUA N. ROAD, TAICHUNG CITY, TAIWAN China

(72)Name of Inventor :

1)SHUI-SHENG LAI

(57) Abstract :

A safety syringe comprises an syringe cylinder; an interior of the syringe cylinder being formed as a receiving chamber; an interior of the reduced section being formed with a receiving hole communicated to the receiving chamber; a push rod movably inserted in the receiving chamber of the syringe cylinder and movably linearly in the receiving chamber; an elastic plug being installed at one end of the push rod; a needle set having a syringe needle, a seat and a sleeve; the syringe needle being inserted into and fixed to the seat; an outer expanded round buckling ring being extended from the seat; a lower side of the buckling ring of the seat being formed with an outer thread for locking the sleeve; the sleeve being received in the receiving hole; a periphery at a bottom of the tapered section being extended downwards with a protrusion.



(54) Title of the invention : "A METHOD OF GEOPHYSICAL EXPLORATION"

(51) International classification	:G01V1/00
(31) Priority Document No	:10/233,266
(32) Priority Date	:30/08/2002
(33) Name of priority country	:U.S.A.
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:384/KOL/2003
Filing Date	10/07/2003

(71)Name of Applicant :

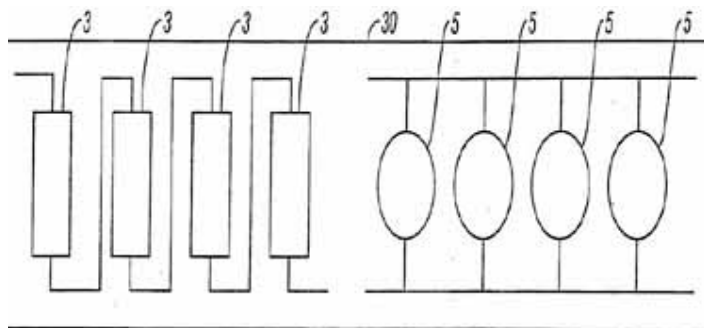
1)PGS AMERICAS, INC.Address of Applicant :16010 BARKER'S POINT LANE, SUITE 600,
HOUSTON,TEXAS 77079 U.S.A.

(72)Name of Inventor :

1)TENGHAMN STIG RUNE LENNART**2)SODAL AUDUN****3)STENZEL ANDRE NMI**

(57) Abstract :

A method of geophysical exploration comprising : generating a seismic signal in the body of water; detecting said seismic signal with a plurality of co-located particle motion sensor assemblies (3) and pressure gradient sensors (5) positioned within a seismic cable (30) deployed in said body of water; modifying the output signal of at least one of said particle motion sensor assemblies or said pressure gradient sensors to substantially equalize the output signals from said particle motion sensor assemblies and said pressure gradient sensors within at least a selected frequency range ; and combining the modified output signals from co-located particle motion sensor assemblies and pressure gradient sensors within at least said selected frequency range.



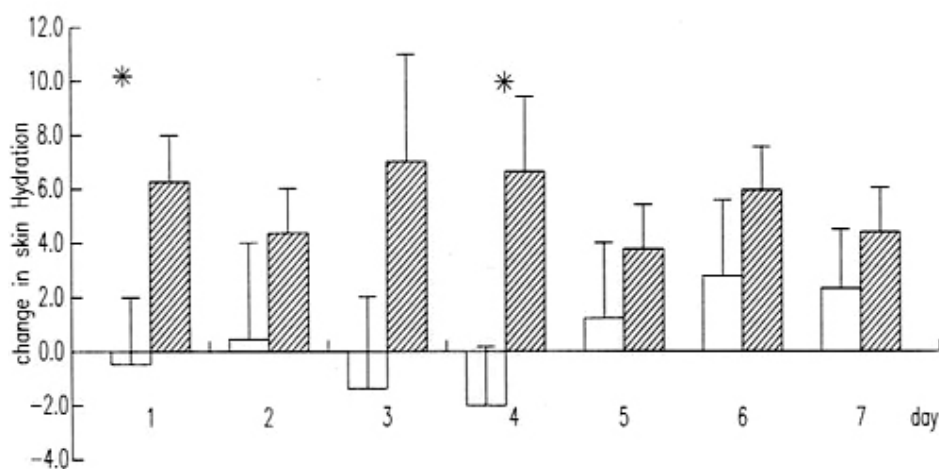
(54) Title of the invention : COMPOSITIONS FOR USE WITH SKIN

(51) International classification : A61K31/00
 (31) Priority Document No : 200510089155.4
 (32) Priority Date : 08/08/2005
 (33) Name of priority country : China
 (86) International Application No : NA
 Filing Date : NA
 (87) International Publication No : NA
 (61) Patent of Addition to Application Number : NA
 Filing Date : NA
 (62) Divisional to to Application Number : NA
 Filing Date : NA

(71)Name of Applicant :
1) LOTUS PHARMACEUTICAL CO., LTD.
 Address of Applicant : 11F., NO. 200, Sec. 1, Fu-Hsing S.Rd., Taipei,
 Taiwan, R.O.C. Taiwan
 (72)Name of Inventor :
1) LIN, Tong, Ho

(57) Abstract :

A composition for use with the skin. The composition includes a vitamin C in an amount from about 1% to 45% by weight, a vitamin B complex in an amount from about 1% to 5% by weight, a carotene in an amount from about 0.1% to 3% by weight, and a vitamin E in an amount from about 2% to 90% by weight. The composition is for topical application and is useful in skin-care. The composition is used for keeping the moisture of the skin and treating acnes, comedos, and zits. The composition is also an antioxidant.

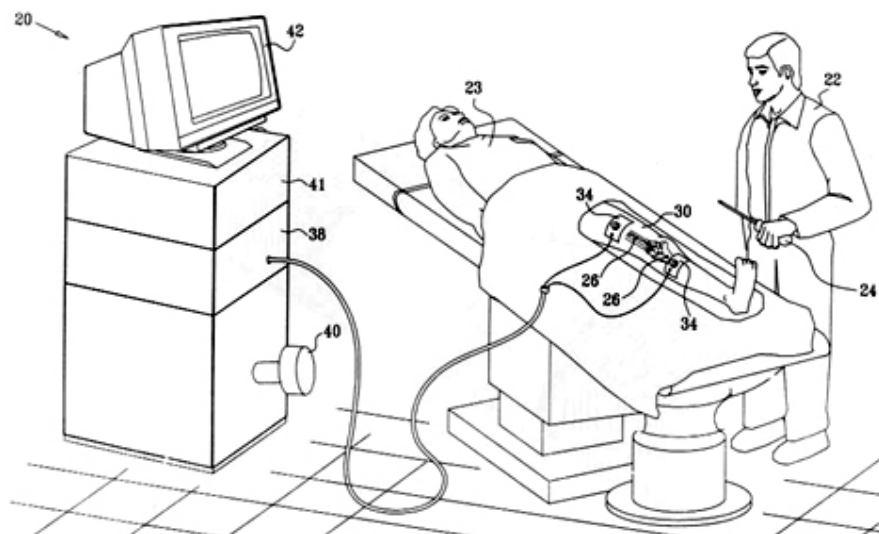


(54) Title of the invention : DATA TRANSMISSION TO A POSITION SENSOR

(51) International classification	:G06F17/00	(71)Name of Applicant :
(31) Priority Document No	:11/181717	1)BIOSENSE WEBSTER, INC .
(32) Priority Date	:14/07/2005	Address of Applicant :3333Diamond Canyon Road, Diamond Bar,
(33) Name of priority country	:U.S.A.	CA91765 a Clifornia Corporation. U.S.A.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)Andres Claudio Altman
(87) International Publication No	: NA	2)Assaf Govari
(61) Patent of Addition to Application Number	:NA	3)Yaron Ephrath
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method for transmitting control instructions to a sensor in a position tracking system includes generating a drive signal for driving a field generator. A control signal including the control instructions is superimposed on the drive signal. The field generator is driven with the drive signal, so as to generate a field to be sensed by the sensor. The field is detected at the sensor in order to determine position coordinates of the sensor and to demodulate the control signal so as to extract the control instructions. A functionality of the sensor is controlled based on the extracted control instructions.

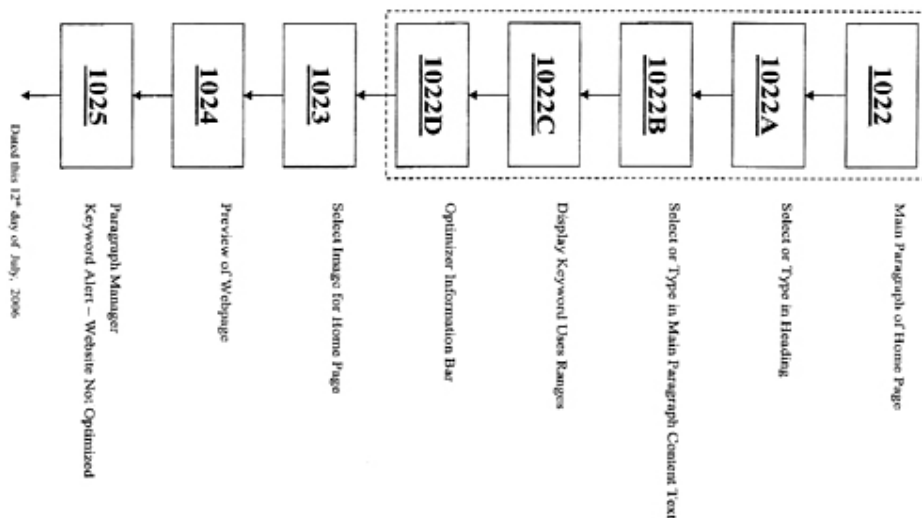


(54) Title of the invention : "SYSTEM FOR BUILDING A WEBSITE"

(51) International classification	:G06F17/30	(71)Name of Applicant :
(31) Priority Document No	:60/698,880	1)RIVERGY, INC.
(32) Priority Date	:13/07/2005	Address of Applicant :5804-E BRECKENRIDGE PARKWAY
(33) Name of priority country	:U.S.A.	TAMPA, FLORIDA 33610, U.S.A.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)LASA, RICARDO
(87) International Publication No	: NA	2)MUNDAY, MATT
(61) Patent of Addition to Application Number	:NA	3)CLARK, DEREK
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A website development system and an optimizing sub-system is capable of instructing a user on measures to customize a website in order to increase visibility of the website to website search engines. The optimizing sub-system analyzes content provided by the user, or otherwise generated for the user, and notifies the user if the system is optimized or needs additional optimization. The website development system may be capable of generating content, such as text and images, which may be optimized for search engine visibility, such as appropriate length of text paragraphs, keyword usage, keyword density, and other optimization protocols. The website development system may provide an interactive system for a user to develop a website that encourages the user to complete the steps in the development process.

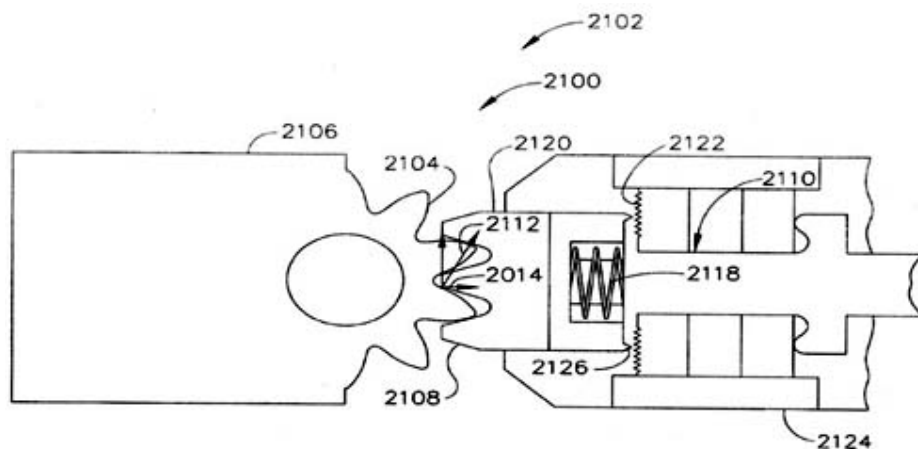


(54) Title of the invention : SURGICAL INSTRUMENT WITH AN ARTICULATING SHAFT LOCKING MECHANISM.

(51) International classification	:A61B 17/00	(71)Name of Applicant :	1)ETHICON ENDO-SURGERY,INC
(31) Priority Document No	:11/194,437	Address of Applicant :	4545 Creek Road Cincinnati,OH 45242 U.S.A.
(32) Priority Date	:01/08/2005		U.S.A.
(33) Name of priority country	:U.S.A.	(72)Name of Inventor :	1)KENNETH S. WALES
(86) International Application No	:NA		2)CHAD P. BOUDEAUX
Filing Date	:NA		
(87) International Publication No	: NA		
(61) Patent of Addition to Application Number	:NA		
Filing Date	:NA		
(62) Divisional to to Application Number	:NA		
Filing Date	:NA		

(57) Abstract :

A surgical instrument particularly suited to endoscopic use articulates an end effector by including a laterally sliding member in a proximal portion of a shaft that pivots the end effector to a selected side. Differentially opposing actuating forces (e.g., hydraulic, fluidic, mechanical) act against the laterally sliding member without binding by incorporating guidance mechanisms between the laterally sliding member and a frame of the shaft. A locking member advantageously unlocks automatically as articulation is commanded by resists backdriving of the mechanism.



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.

S L N o	PATE NT NOS.	APPLICAT ION NO.	DATE OF PATEN T	DATE OF PRIO- RITY	TITLE OF INVENTION	NAME OF PATENTEE	DATE OF PUBLICAT ION OF ABSTRACT U/S.11A	APPRO- PRIATE OFFICE
1.	18482 6	663/DEL/91	22/07/91		CYLINDER HEAD FOR INTERNAL COMBUSTI ON ENGINES	PIAGGIO & C.S.P.A.	30/09/00	DELHI
2.	18530 7	349/DEL/92	22/04/92		TIRE TREAD COMPOSITI ONS	PARATEC ELASTOM ERS L.L.C.	23/12/00	DELHI
3.	18614 7	42/DEL/93	20/01/93		AUXILLIAR Y CARBURATI ON DEVISE IN DIRECT FUEL INJECTION ENGINES	PIAGGIO & C.S.P.A.	30/06/01	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.

Serial Number	Patent Number	Application Number	Date of Application	Date of Priority	Title of Invention	Name of Patentee	Date of Publication of Abstract u/s 11(A)	Appropriat e Office
1	197257	2769/DEL/1997	29/09/1997		COMPOSITE WEAR COMPONENT	MAGOTTEA UX INTERNATI ONAL S.A.	03/06/2005	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.

SL.NO	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	187337	507/CAL/1997	21/03/1997	25/03/1996	A PROCESS FOR PREPARING AN ENCAPSULATED EXTENDED RELEASE FORMULATION OF VENLAFAXINE HYDROCHLORIDE	WYETH	30/03/2002	KOLKATA
2	188603	791/CAL/1996	1/5/1996		A PROCESS FOR PREPARATION OF HYDROXYBIARYLP HOSPHINES	CLARIANT GMBH	19/10/2002	KOLKATA
3	188938	1777/CAL/1996	8/10/1996		PROCESS FOR CATALYTICALLY CONVERTING HYDROCARBONS TO LIGHT OLEFINS AND APPARATUS THEREOF	FORTUM OIL AND GAS OY	23/11/2002	KOLKATA
4	190404	1194/CAL/1996	28/06/1996		APPARATUS FOR DETERMINING A MOTION VECTOR	DAEWOO ELECTRONICS CORPORATION	26/07/2003	KOLKATA
5	207715	IN/PCT/2000/00637/KOL	30/06/1999	30/06/1998	"AIR INTERFACE FOR TELECOMMUNICATIONS SYSTEMS USING WIRE-FREE TELECOMMUNICATION BETWEEN MOBILE AND/OR STATIONERY TRANSMITTING/RECEIVING APPLIANCES;	SIEMENS AKTIENGESELLSCHAFT	3/2/2006	KOLKATA
6	207716	IN/PCT/2001/00183/KOL	5/7/1999	26/07/1998	"SLIDING GATE VALVE FOR A CONTAINER CONTAINING MOLTENMETAL	STOPIC ACTIENGESELLSCHAFT	27/01/2006	KOLKATA
7	207717	IN/PCT/2001/00435/KOL	27/10/1999	27/10/1998	"METHOD AND DEVICE FOR PERCEPTUALLY WEIGHTING A WIDEBAND SIGNAL"	VOICEAGE CORPORATION	10/3/2006	KOLKATA
8	207718	IN/PCT/2001/00732/KOL	17/12/1998	17/12/1998	PROCESS FOR THE PREPARATION OF 3-ALKANOYL-AND 3-ALKYLINDOLES"	MERCK PATENT GMBH	10/2/2006	KOLKATA
9	207719	IN/PCT/2001/00928/KOL	20/03/2000	1/4/1999	METHOD FOR THE COMPILATION OF BUS PACKETS FOR ISOCRONOUS DATA TRANSMISSION VIA A DATA BUS, AND APPARATUS FOR CARRYING OUT THE METHOD	THOMSON LICENSING ,S.A	27/01/2006	KOLKATA

10	207720	IN/PCT/2001/ 01074/KOL	18/04/2000	19/04/1999 9	" PASTE-LIKE MASS FOR THE PREPARATION OF SOLID BODY ELECTROLYTE LAYERS".	FRAUNHOFER- GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG e.V.,	27/01/2006	KOLKAT A
11	207721	IN/PCT/2001/ 01266/KOL	5/4/2001	6/4/2000	"VOLTAGE LIMITING BIAS CIRCUIT FOR REDUCTION OF HOT ELECTRON DEGRADATION EFFECTS IN MOS CASCADE CIRCUITS"	CADENCE DESIGN SYSTEMS, INC.,	10/2/2006	KOLKAT A
12	207722	IN/PCT/2001/ 01362/KOL	14/06/2000	21/06/1999 9	'METHOD OF PRETREATMENT OF SAMPLE FOR QUANTITATING CHOLESTEROL AND METHOD FOR QUANTITATING CHOLESTEROL IN SPECIFIC LIPOPROTEINS BY USING THE SAME'	DAIICHI PURE CHEMICALS CO. LTD,	10/2/2006	KOLKAT A
13	207723	IN/PCT/2002/ 00157/KOL	7/8/2000	5/8/1999	"A PROCESS FOR DIRECT SMELTING METALLIFEROUS FEED MATERIAL"	TECHNOLOGICAL RESOURCES PTY. LTD.	3/2/2006	KOLKAT A
14	207724	IN/PCT/2002/ 00527/KOL	1/12/2000	3/12/1999	"A POLYMERIC MEMBRANE FUEL CELL STACK".	NUVERA FUEL CELLS EUROPE. S.R.L.,	17/02/2006	KOLKAT A
15	207725	IN/PCT/2002/ 00679/KOL	20/10/2000	21/10/1999 9	METHOD AND DEVICE FOR DISPLAYING INFORMATION WITH RESPECT TO SELECTED IMAGE ELEMENTS OF IMAGES OF A VIDEO SEQUENCE	STARZONE GMBH	17/06/2005	KOLKAT A
16	207726	IN/PCT/2002/ 00859/KOL	20/12/2000	21/12/1999 9	"METHOD FOR OPERATING A STEAM TURBINE, AND A STEAM TURBINE THEREOF".	SIEMENS AKTIENGESELLS CHAFT,	3/2/2006	KOLKAT A
17	207727	IN/PCT/2002/ 00966/KOL	20/12/2000	9/2/2000	"METHOD AND DEVICE FOR EVACUATING A TURBINE CONDENSER"	SIEMENS AKTIENGESELLS CHAFT	17/02/2006	KOLKAT A
18	207728	IN/PCT/2002/ 01101/KOL	28/02/2001	25/05/2000 0	PORTABLE INFORMATION TERMINAL AND DIGITAL CAMERA FOR PORTABLE INFORMATION TERMINAL AND PORTABLE DIGITAL CAMERA INFORMATION TERMINAL SYSTEM	KYOCERA CORPORATION	6/1/2006	KOLKAT A
19	207729	IN/PCT/2002/ 01163/KOL	28/01/2002	29/01/2000 1	"A REACTOR FOR PRODUCING POLYMERS".	TOYO ENGINEERING CORPORATION,	11/3/2005	KOLKAT A

20	207730	00074/KOLN P/2005	26/06/2003	27/06/200 2	LIGHT EMITTING DEVICE, IN PARTICULAR TRAFFIC SIGNAL LIGHT EMITTING DEVICE, WHICH IS COMPOSED OF LIGHT EMITTING DIODES	MONZO, JOSE.	26/08/2005	KOLKAT A
21	207731	00232/KOLN P/2003	20/04/2001	10/8/2000	A PAPER MAKING PROCESS	CARGIL INCORPORATED,,	11/3/2005	KOLKAT A
22	207732	00301/KOLN P/2004	9/8/2002	28/12/200 1	ELECTROPNEUMAT IC HORN	STEBEL SPA.	30/12/2005	KOLKAT A
23	207733	00302/KOLN P/2004	5/8/2002	7/9/2001	EXTERNAL DECORATING MEMBER FOR REFRIGERATOR DOOR	LG ELECTRONICS INC.	30/12/2005	KOLKAT A
24	207734	00304/KOLN P/2003	14/09/2001	15/09/200 0	"RESIDUAL ECHO ESTIMATION FOR ECHO CANCELLATION"	INTEL CORPORATION	10/2/2006	KOLKAT A
25	207735	00332/KOLN P/2005	22/04/2003	24/08/200 2	COUPLING PIECE FOR JOINING TWO CONTAINERS THAT ARE STACKED ONE ATOP THE OTHER, ARRANGEMENT OF STACKED CONTAINERS, AND METHOD FOR JOINING STACKED CONTAINERS USING COUPLING PIECES OF THIS TYPE	SEC SHIP S EQUIPMENT CT BREMEN GMBH	6/1/2006	KOLKAT A
26	207736	00369/KOLN P/2005	18/09/2003	19/09/200 2	"AN OBJECT OF VALUE WITH A SECURITY ELEMENT AND A METHOD FOR PRODUCING AN OBJECT OF VALUE OR SECURITY ELEMENT"	GIESECKE & DEVRIENT GMBH	6/1/2006	KOLKAT A
27	207737	00614/KOLN P/2004	12/11/2001	12/11/200 1	"A CONTROL DEVICE FOR CONTROLLING A VISUAL POINTER ON A DISPLAY FOR COMPUTER APPARATUS".	JENSSEN, KEN, ALVIN	14/04/2006	KOLKAT A
28	207738	01313/KOLN P/2003	16/04/2002	2/6/2001	PROCESS FOR PRODUCING POLYBUTYLENE TEREPHTHALATE.	ZIMMER AG.	27/01/2006	KOLKAT A
29	207739	01489/KOLN P/2003	25/05/2001	25/05/200 1	SUCTION VALVE FOR RECIPROCATING COMPRESSOR.	LG ELECTROBNICS INC.	17/03/2006	KOLKAT A
30	207740	01768/KOLN P/2004	16/05/2003	26/05/200 2	METHOD AND DEVICE FOR ECHO SUPPRESSION IN A COMMUNICATIONS NETWORK.	VERAZ NETWORKS LTD	23/09/2005	KOLKAT A

31	207741	946/CAL/1999	30/11/1999	22/12/1998	A METHOD FOR THE PRODUCTION OF AN ORGANIC FERTILIZER OF HUMIC-LIKE NATURE.	TECHNISCHE UNIVERSITAT DRESDEN	24/02/2006	KOLKATA
32	207742	IN/PCT/2001/00172/KOL	10/9/1999	11/9/1998	METHODS FOR USING RESONANT ACOUSTIC AND/OR RESONANT ACOUSTO-EM ENERGY TO DETECT AND/OR EFFECT STRUCTURES	BERKSHIRE LAB INC (US);	10/2/2006	KOLKATA
33	207743	IN/PCT/2001/00430/KOL	17/08/2000	17/08/1999	"METHOD FOR COMMUNICATING SCRAMBLING CODE ID IN MOBILE COMMUNICATION SYSTEM"	SAMSUNG ELECTRONICS CO.LTD.	30/12/2005	KOLKATA
34	207744	IN/PCT/2001/1154/KOL	24/04/2000	28/04/1999	"A METHOD AND SYSTEM FOR PRESENTING VIDEO OR STILL-IMAGE CONTENT AT SELECTED TIMES AND LOCATIONS ON A NETWORKED CONNECTION OF MULTIPLE ELECTRONIC DISPLAYS".	WORLD THEATRE INC.	10/2/2006	KOLKATA
35	207745	00177/KOLNP/2004	19/07/2002	19/07/2001	PEPTIDES EFFECTIVE IN THE TREATMENT OF TUMOURS AND OTHER CONDITIONS REQUIRING THE REMOVAL OR DESTRUCTION OF CELLS.	NYMOX CORPORATION.	3/3/2006	KOLKATA
36	207746	00673/KOLNP/2003	3/8/2001	23/11/2000	"A RETROFITTABLE EARTHING DEVICE FOR GROUNDING A SWITCHING MEANS"	SIEMENS AKTIENGESELLSCHAFT,	24/02/2006	KOLKATA
37	207747	415/KOLNP/2003	25/09/2001	5/10/2000	A DECONGESTION SYSTEM AND A METHOD FOR DECONGESTING A WASTE CONVERTING APPARATUS.	E. E. R ENVIRONMENTAL ENERGY RESOURCES (ISRAEL) LTD.,	31/03/2006	KOLKATA
38	207748	01484/KOLNP/2003	30/05/2002	30/05/2001	A NANOPOROUS RECEIVER ELEMENT FOR USE IN THERMAL MASS TRANSFER IMAGING AND A MASS TRANSFER THERMAL IMAGING METHOD.	POLAROID CORPORATION	17/02/2006	KOLKATA