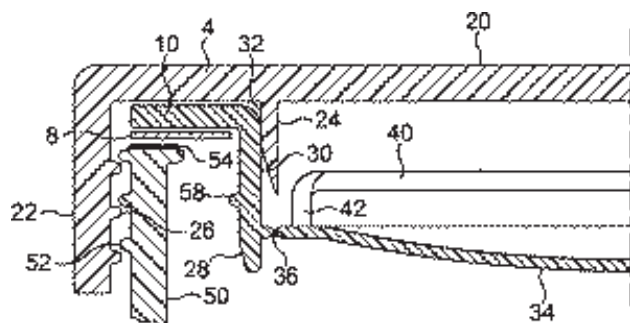


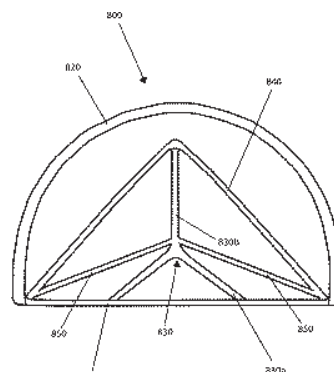
(21) 552525 (22) 27 Jul 2005
 (54) Resealable closures
 (86) PCT/GB2005/050118 (87) WO2006/010960
 (51) IPC2009.01: B65D51/20; B65D55/06
 (71) Bapco Closures Research Ltd
 (72) von Spreckelsen, Henning; McGeough, Peter Michael;
 (31) 04 0416719 (32) 27 Jul 2004 (33) GB
 (74) Allens Arthur Robinson Patent & Trade Marks Attorneys, 530 Collins Street, Melbourne, Victoria 3000, Australia
 (57) A closure comprising a spout and an overcap adapted to be sealed to a container neck by means of a double-sided foil is provided. The overcap has a depending valve which sealingly engages with the spout to hold these components together prior to assembly to the container. The spout has a flange covered by the foil and adapted to seat on a rim of the container neck, and an annular wall that is received within the container neck such that the flange is the only part of the spout above the rim. A ridge surrounds the annular wall of the spout to retain an annulus of foil. A method of assembling a closure is also provided.



(21) 552580 (22) 15 Jul 2005
 (54) Her2 antibody composition
 (86) PCT/US2005/025084 (87) WO2006/033700
 (51) IPC2009.01: C07K16/32
 (71) GENENTECH, INC.
 (72) Kao, Yung-Hsiang; Vanderlaan, Martin;
 (31) 04 590202 (32) 22 Jul 2004 (33) US
 (74) A J PARK, 6th Floor, Huddart Parker Building, 1 Post Office Square, Wellington 6011, New Zealand
 (57) Disclosed is a composition comprising: (a) a main species HER2 antibody that binds to domain II of HER2 and comprises a variable light amino acid sequence provided as SEQ ID NO: 4; and (b) the main species HER2 antibody further comprising an amino-terminal leader extension comprising VHS-, wherein from 5% to about 15% of the antibodies in the composition comprise the amino-terminal leader extension, as quantified by cation exchange analysis.

(21) 552585 (22) 30 May 2005
 (54) Selection and use of lactic acid bacteria for reducing dental caries and bacteria causing dental caries
 (86) PCT/SE2005/000805 (87) WO2005/121312
 (51) IPC2009.01: A23L1/03; A61K35/74; A61P1/02; C12N1/00
 (71) BioGaia AB
 (72) Connolly, Eamonn; Mollstam, Bo;
 (31) 04 869185 (32) 14 Jun 2004 (33) US
 (74) BALDWINS INTELLECTUAL PROPERTY, Level 14, Baldwins Centre, 342 Lambton Quay, Wellington 6011, New Zealand
 (57) Disclosed is a biologically pure culture of *Lactobacillus reuteri* strain FJ1 "Prodentis" (ATCC PTA-5289) and a biologically pure culture of *Lactobacillus reuteri* strain FJ3 (ATCC PTA-5290) and a method of selecting said strains.

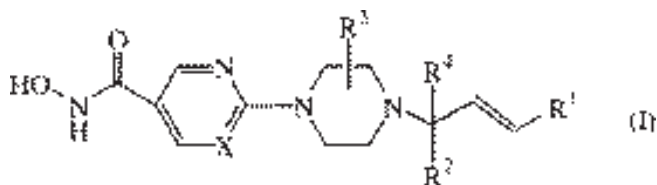
(21) 552705 (22) 22 Jul 2004
 (54) Golf club head
 (86) PCT/US2004/023368 (87) WO2006/022615
 (51) IPC2009.01: A63B53/04
 (71) DEWHURST SOLUTION, LLC
 (72) Dewhurst, Peter; Apostol, Michael C;
 (31) (32) 22 Jul 2004 (33) US
 (74) HENRY HUGHES, 119-125 Willis Street, Wellington, New Zealand
 (57) A golf club head comprising: a face 810, a force transfer system 830, a rear structure 840, the force transfer system 830 and the rear structure 820 providing support for the face 810 during impact with a golf ball, and a torsion control system 850, the torsion control system 850 opposing the internal rotation of at least a portion of the force transfer system 830 during an off-center impact.



(21) 552736 (22) 4 Aug 2005
 (54) Carrier conjugates of GNRH-peptides
 (86) PCT/EP2005/053858 (87) WO2006/027300
 (51) IPC2009.01: A61K39/00; A61P35/00; C07K7/23
 (71) Cytos Biotechnology AG
 (72) Bachmann, Martin; Fulurija, Alma; Jennings, Gary; Meijerink, Edwin;
 (31) 05 673396 (32) 21 Apr 2005 (33) US
 (31) 04 598581 (32) 4 Aug 2004 (33) US
 (74) WATERMARK PATENT & TRADE MARK ATTORNEYS, Level 2, 302 Burwood Road, Hawthorn, Victoria 3122, Australia
 (57) Disclosed is a composition comprising: (a) a virus like particle (VLP), wherein said VLP is a VLP of an RNA-phage, and (b) at least one gonadotrophin releasing hormone (GnRH) peptide; wherein a) and b) are linked with one another, and wherein said VLP (a) is linked with the at least one GnRH-peptide (b) through at least one non-peptide covalent bond; and wherein said composition further comprising a linker (c) between said VLP and said at least one GnRH-peptide and wherein said linker consists of less than 4 amino acids.

(21) 552758 (22) 25 Jul 2005
 (54) Substituted propenyl piperazine derivatives as inhibitors of histone deacetylase
 (86) PCT/EP2005/053611 (87) WO2006/010749
 (51) IPC2009.01: A61K31/505; A61P35/00; C07D239/42,54; C07D403/12
 (71) Janssen Pharmaceutica N.V.
 (72) Van Brandt, Sven Franciscus Anna; Van Emelen, Kristof; Angibaud, Patrick Rene; Marconnet-Decrane, Laurence Francoise Bernadette; Arts, Janine;
 (31) 04 04077171 (32) 28 Jul 2004 (33) EP
 (31) 04 592357 (32) 29 Jul 2004 (33) US
 (74) BALDWINS INTELLECTUAL PROPERTY, Level 14, Baldwins Centre, 342 Lambton Quay, Wellington 6011, New Zealand
 (57) Disclosed are compounds of formula (I), their N-oxides, pharmaceutically acceptable salts and stereoisomers, wherein X is N or CH and the remaining substituents are as defined in the specification.

Also disclosed are processes for their preparation and intermediates for use therein. The compounds are histone deacetylase inhibitors useful in the treatment of proliferative diseases such as cancer.



(21) 552867 (22) 11 Aug 2005

(54) Method for protecting useful plants or plant propagation material

(86) PCT/EP2005/008752 (87) WO2006/015866

(51) IPC2009.01: A01N43/56

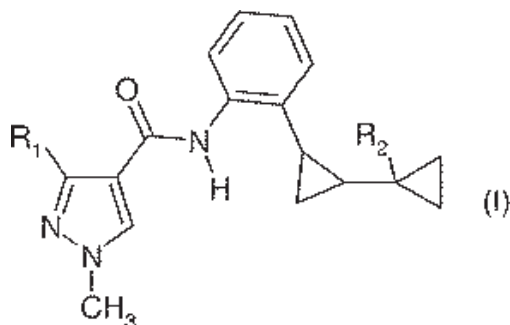
(71) Syngenta Participations AG

(72) Walter, Harald; Zeun, Ronald; Ehrenfreund, Josef; Tobler, Hans; Corsi, Camilla; Lamberth, Clemens;

(31) 0418048 (32) 12 Aug 2004 (33) GB

(74) BALDWINS INTELLECTUAL PROPERTY, Level 14, Baldwins Centre, 342 Lambton Quay, Wellington 6011, New Zealand

(57) A method of controlling phytopathogenic diseases on useful plants or plant propagation material thereof, which comprises applying to said plant propagation material a fungicidally effective amount of a compound of formula (I) which is a specific subgroup of an ortho-cyclopropyl-carboxanilide derivative, wherein R1 is difluoromethyl and R2 is hydrogen.



(21) 552963 (22) 31 Jan 2007 (23) 31 Jan 2008

(54) A roof attachment apparatus

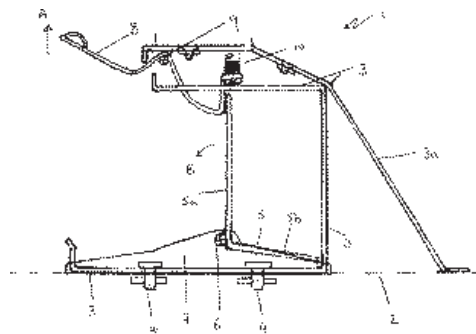
(51) IPC2009.01: B60R9/048

(71) Peter SLOPER

(72) Sloper, Peter;

(74) JAMES & WELLS, Level 9, James and Wells Tower, 56 Cawley Street, Ellerslie, Auckland, New Zealand

(57) A roof rack for a vehicle, the roof rack including: a frame (3) for forming a partial enclosure, the frame being attachable to the vehicle; a retaining means (5) pivotally movable within the frame from an open position allowing access in and out of the frame to a closed position where an item in the frame is retained, and an engaging and releasing means (8) for releasably engaging the retaining means in the closed position. The retaining means includes two portions (5a, 5b). Pressure exerted against the first portion of the retaining means by the item to be retained causes pivoting of the retaining means and engagement of the second portion of the retaining means by the engaging and releasing means.



(21) 553003 (22) 28 Jan 2005

(54) Fan blades and modifications

(86) PCT/US2005/002703 (87) WO2006/022812

(51) IPC2009.01: B64C3/24,42; F01D1/02,24; F04D29/38

(71) Delta T Corporation

(72) Aynsley, Richard Michael;

(31) 04 589945 (32) 21 Jul 2004 (33) US

(74) Freehills Patent & Trade Mark Attorneys, Level 43, 101 Collins Street, Melbourne, Victoria 3000, Australia

(57) A winglet 70 for a fan blade 30, comprising: (a) a vertical member and (b) a mounting member, wherein at least a portion of the mounting member is substantially perpendicular to at least a portion of the vertical member, wherein the mounting member is configured to mount to a fan blade 30 first end, wherein the fan blade 30 is configured to be mounted to a fan hub at a second end of the fan blade 30, the second end being opposite the first end; wherein the vertical member has a rear edge, wherein the mounting member has a trailing edge, wherein, when mounted to the first end of the fan blade 30 having a trailing edge, the distance from the mounting member trailing edge to a point on the rear edge of the vertical member is greater than the distance from the mounting member trailing edge to the fan blade 30 trailing edge at the first end.

Divisional filed as 578817



(21) 553008 (22) 30 Aug 2005

(54) Printing material container

(86) PCT/JP2005/016205 (87) WO2006/025578

(51) IPC2009.01: B41J2/175; B41J29/00; H01R24/00

(71) Seiko Epson Corporation

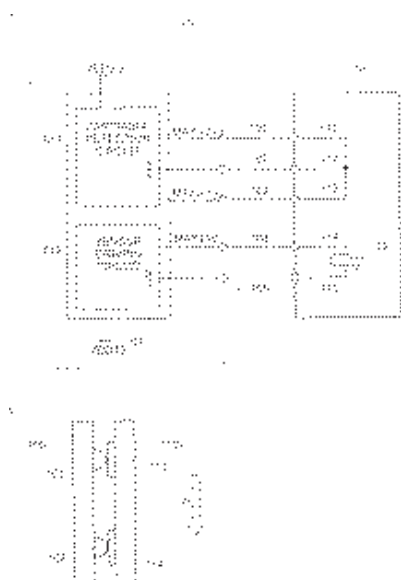
(72) Asauchi, Noboru; Wanibe, Akihisa;

(31) 04 253788 (32) 1 Sep 2004 (33) JP

(74) BALDWINS INTELLECTUAL PROPERTY, Level 14, Baldwins Centre, 342 Lambton Quay, Wellington 6011, New Zealand

(57) A printing material container, attachable to a printing apparatus by being inserted in a predetermined insertion direction, is disclosed. The printing material container comprises a body that contains a printing material, a plurality of low voltage circuit terminals, and a plurality of high voltage circuit terminals. The low voltage circuit terminals are configured to contact a plurality of terminals of a low voltage circuit, provided with the printing apparatus at first positions when the printing material container is attached to the printing apparatus. A plurality of high voltage circuit terminals are configured to contact a plurality of terminals of a high voltage circuit provided with the printing apparatus at second positions, when the printing material container is attached to the printing apparatus. The first positions and the second positions are disposed on a

same outer surface of the printing material container that is parallel to the insertion direction, where the second positions are arranged further towards the insertion direction side than the first positions.



- (21) 553141 (22) 1 Jul 2005
 (54) Method and apparatus for touch scrolling
 (86) PCT/SG2005/000216 (87) WO2006/009516
 (51) IPC2009.01: G06F3/03; G09G5/34
 (71) CREATIVE TECHNOLOGY LTD
 (72) Chua, Johnson; Lee, Tech Chee;
 (31) 04 05539 (32) 19 Jul 2004 (33) SG
 (31) 04 05571 (32) 10 Sep 2004 (33) SG
 (74) BALDWIN'S INTELLECTUAL PROPERTY, Level 14, Baldwin's Centre, 342 Lambton Quay, Wellington 6011, New Zealand
 (57) Method and apparatus for touch scrolling, the apparatus comprising a scrolling activator (22) for scrolling activation by a finger of a user, the scrolling activator (22) comprising a first end zone (26) adjacent a first end of the scrolling activator for fast scrolling in a first scrolling direction, a second end zone (28) adjacent a second end of the scrolling activator for fast scrolling in a second scrolling direction and a normal zone (30) for normal scrolling.

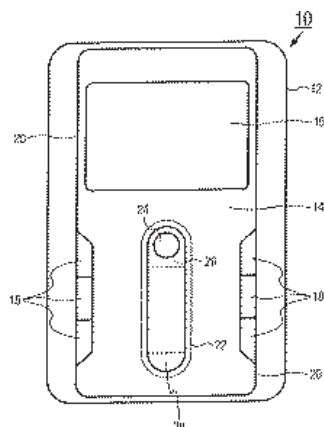


FIG. 1

- (21) 553196 (22) 20 Jul 2005
 (54) Bacteriophage and prophage proteins in cancer gene therapy
 (86) PCT/EP2005/053533 (87) WO2006/008312
 (51) IPC2009.01: A61K38/02
 (71) Ziel Biopharma Ltd.
 (72) Blasi, Udo; Hohenadl, Christine;
 (31) 04017128 (32) 20 Jul 2004 (33) EP
 (74) SPRUSON & FERGUSON, GPO Box 3898, Sydney, NSW, 2001, Australia
 (57) Disclosed is the use of an isolated bacteriophage-derived protein for the manufacture of a medicament for the treatment of a proliferative disease or disorder, wherein the bacteriophage-derived protein induces a cell growth inhibitory activity or cell killing effect in eukaryotic cells.

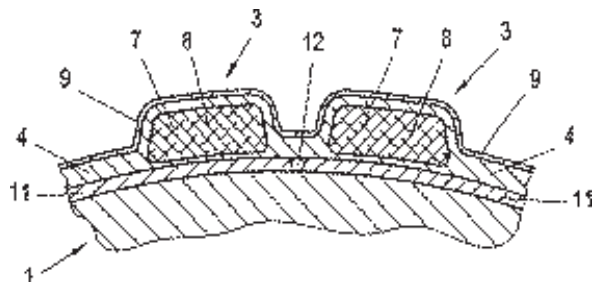
- (21) 553489 (22) 5 Aug 2005
 (54) Method for producing highly textured, strip-shaped, high-temperature superconductors
 (86) PCT/EP2005/008534 (87) WO2006/015819
 (51) IPC2009.01: C04B35/50,624; C23C18/12; H01B12/02; H01B3/12; H01L39/14
 (71) Zenergy Power GmbH
 (72) Backer, Michael; Schlobach, Brigitte; Knoth, Kerstin; Schupp-Niewa, Barbara; Huhne, Ruben; Falter, Martina;
 (31) 04 04 038030 (32) 5 Aug 2004 (33) DE
 (74) BALDWIN'S INTELLECTUAL PROPERTY, Level 14, Baldwin's Centre, 342 Lambton Quay, Wellington 6011, New Zealand
 (57) Disclosed is a process for the production of a band-shaped high temperature superconductor that consists of a metal substrate, at least one buffer layer and a high temperature superconductor layer that is located on the buffer layer, the latter consisting of yttrium-stabilized zirconium oxide, gadolinium zirconate, yttrium oxide, lanthanum aluminate, lanthanum zirconate, strontium titanate, nickel oxide, cerium oxide, magnesium oxide, lanthanum manganate, or strontium ruthenate, comprising the steps of: (a) production of a coating solution that contains a polar solvent with at least one free hydroxyl group, (b) application of the coating solution to the metal substrate, (c) drying, (d) production of the buffer layer by annealing treatment, and (e) application of a high temperature superconductor layer on the buffer layer, characterized in that propionic acid is used as a polar solvent with at least one free hydroxyl group.



Figure 1: Structure of Coated Conductors

- (21) 553631 (22) 11 Aug 2005
 (54) Cover for cooling patients and cooling device comprising a cover of this type
 (86) PCT/AT2005/000324 (87) WO06/037136
 (51) IPC2009.01: A61F7/10
 (71) EMCOOLS - Emergency Medical Cooling Systems AG
 (72) Behringer, Wilhelm; Sterz, Fritz; Faworka, Rudolf;
 (31) 04 1643 (32) 1 Oct 2004 (33) AT
 (74) BALDWIN'S INTELLECTUAL PROPERTY, Level 14, Baldwin's Centre, 342 Lambton Quay, Wellington 6011, New Zealand
 (57) A cover for cooling at least a part of the body of a patient 1, the cover including at least one cooling element 3 containing a cooling fluid 8 and intended for placement on the body or body part, which cooling element 3 is cooled to below the freezing point of the cooling fluid 8 prior to its

application, characterized in that a material having a good thermal conductivity as compared to the cooling fluid 8 is contained in the cooling element 3 to absorb the cooling fluid 8.



(21) 553666 (22) 7 Sep 2005

(54) Magnetic Assemblies for deposit prevention

(86) PCT/US2005/031857 (87) WO06/029203

(51) IPC2009.01: C02F1/48; E21B37/00; E21B47/01

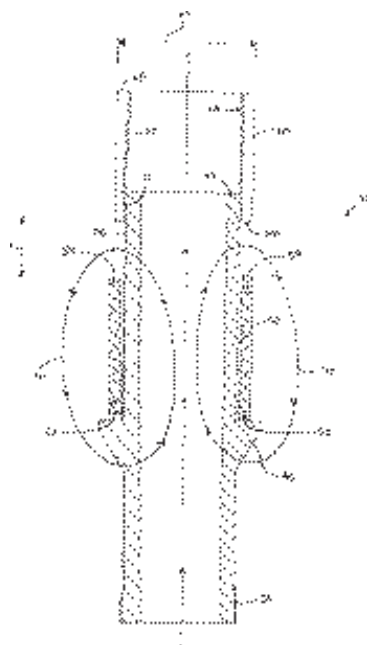
(71) Terence Borst; Dudley J. Perio; Daniel S Alms

(72) Borst, Terence; Perio, Dudley J.; Alms, Daniel S.;

(31) 04 607739 (32) 7 Sep 2004 (33) US

(74) F B RICE & CO, Level 23, 44 Market Street, Sydney, New South Wales 2000, Australia

(57) An apparatus, system and processes for magnetically treating fluids flowing through a conduit to inhibit the formation and/or deposition of solid phase deposits within the conduit is disclosed. The apparatus includes an elongated tubular member configured to be interconnected with the conduit in an axial manner, having an inlet at a first end and an outlet at a second end longitudinally opposite the first end. The apparatus further includes a cylindrical magnet, having a North pole, a South pole, an inner surface and an outer surface; a magnet retention device including a flange disposed about an outer surface of the elongated tubular member; and a collar threadedly disposed at the second end of the tubular member. The magnet is located between the flange and collar and the inner surface of the magnet is adjacent an outer surface of the tubular member.



(21) 553689 (22) 22 Aug 2005

(54) Device for cutting, turning, and translating a pasty or granular material

(86) PCT/FR2005/002119 (87) WO06/024794

(51) IPC2009.01: F26B1/00; A21C1/00; A23C19/05

(71) DEGREMONT

(72) Luboschik, Ulrich;

(31) 04 040969 (32) 24 Aug 2004 (33) FR

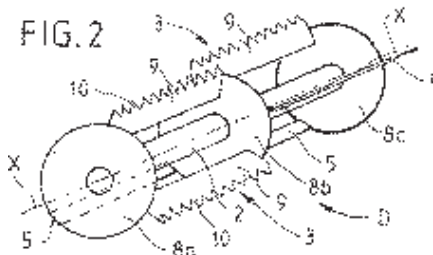
(74) DAVIES COLLISON CAVE - MELBOURNE, 1 Nicholson Street, Melbourne, Victoria, Australia

(57) A slicing, raking and turning device includes a rotary shaft (2) supported above a layer (C) of material, transversely to the translation direction (A) of the material, rake blades (3) for turning the material extending at least partly radially relative to the shaft (2) and rotated by said shaft to penetrate into the layer, and cutter blades (4) for cutting the layer (C) of material, radially spaced apart (g) from the rotary shaft (2) and rotated by said shaft, the cutting blades (4) being located substantially on a cylindrical surface sharing a common geometrical axis with the rotary shaft, and capable, upon penetration into the layer, of fragmenting the latter, while the rake blades cause the fragmented material to be granulated.

FIG.1



FIG.2



(21) 553938 (22) 25 Oct 2005

(54) Photovoltaic cell

(86) PCT/EP2005/011433 (87) WO2006/045588

(51) IPC2009.01: H01L31/0296,032

(71) BASF Aktiengesellschaft

(72) Sterzel, Hans-Josef;

(31) 04 04052014 (32) 26 Oct 2004 (33) DE

(74) BALDWIN'S INTELLECTUAL PROPERTY, Level 14, Baldwin's Centre, 342 Lambton Quay, Wellington 6011, New Zealand

(57) Disclosed is a photovoltaic cell comprising a photovoltaically active semiconductor of the formula $(\text{Zn}_{1-x}\text{Mn}_x\text{Te})_{1-y}(\text{Si}_a\text{Te}_b)_y$, where x is from 0.01 to 0.99, y is from 0.01 to 0.2, a is from 1 to 2, and b is from 1 to 3, and a process for producing the photovoltaic cell.

(21) 554078 (22) 6 Jun 2005

(54) Process for producing lithium transition metal oxides

(86) PCT/CA2005/000879 (87) WO2006/037205

(51) IPC2009.01: C01G45/04; C01G51/04; C01G53/04

(71) CVRD Inco Limited

(72) Zou, Feng; Hossain, Mohammad Jahangir;

(31) 04 957396 (32) 1 Oct 2004 (33) US

(74) BALDWIN'S INTELLECTUAL PROPERTY, Level 14, Baldwin's Centre, 342 Lambton Quay, Wellington 6011, New Zealand

(57) A direct low temperature process for lithiating hydroxides and forming lithiated transition metal oxides of suitable crystallinity is disclosed, wherein, elemental transition metal powders are combined with an aqueous solution of lithium hydroxide, the aqueous slurry solution is subject to oxidation and agitation, the resultant lithium transition metal oxide is crystallized in-situ and subsequently removed from the reactor. By utilizing a relatively low processing temperature below about 150 Deg. C a desirable lithiated product is sufficiently formed. Therefore the problems associated with diffusion and atmospheric controls for heat treatment are reduced, as such a continuous rotary furnace may be employed for heat treatment rather than a batch static furnace.

(21) 554131 (22) 28 Oct 2005

(54) Serum-free cell culture medium for mammalian cells

(86) PCT/EP2005/055637 (87) WO06/108455

(51) IPC2009.01: C07K14/61,825; C12N5/02

(71) ARES TRADING S.A.

(72) Casatorres Hernandez, Jose; Martin Piera, Carlos;

(31) 04 04105451 (32) 2 Nov 2004 (33) EP

(31) 04 624885 (32) 4 Nov 2004 (33) US

(74) A J PARK, 6th Floor, Huddart Parker Building, 1 Post Office Square, Wellington 6011, New Zealand

(57) Provided is a process for the production of growth hormone comprising the step of culturing cells of a cell line expressing growth hormone in a cell culture medium free of components derived from animal serum, the medium comprising Zinc in a concentration ranging from 0.2 microM to 1.75 microM and Copper in a concentration ranging from 10 nM to 75 nM and Ferric ions in a concentration ranging from 1 to 10 microM. Further provided are similar processes with specified media and promoters controlling expression and use of the media for the production of growth hormone.

(21) 554212 (22) 25 Aug 2005

(54) Perorally administrable antimicrobial composition comprising an antibiotic drug and lactulose particles

(86) PCT/RU2005/000434 (87) WO2006/025767

(51) IPC2009.01: A61K45/08; A61K47/26

(71) NIKOLAI ALEXANDROVICH KISELEV

(72) Chicherin, Dmitry Sergeevich; Kiselev, Nikolai Alexandrovich;

(31) 04 04126203 (32) 25 Aug 2005 (33) RU

(74) A J PARK, 6th Floor, Huddart Parker Building, 1 Post Office Square, Wellington 6011, New Zealand

(57) Disclosed is an antimicrobial composition for peroral administration, an antibiotic drug selected from broad-spectrum penicillins, cephalosporins, tetracyclines, lincosamides, and macrolides, and also lactulose, at the ratio of 1:1-1:100, wherein the mean particle size of lactulose is between 100 nm and 200 µm.

(21) 554248 (22) 30 Aug 2004

(54) Inflatable nuclear prosthesis

(86) PCT/US2004/025600 (87) WO2006/025815

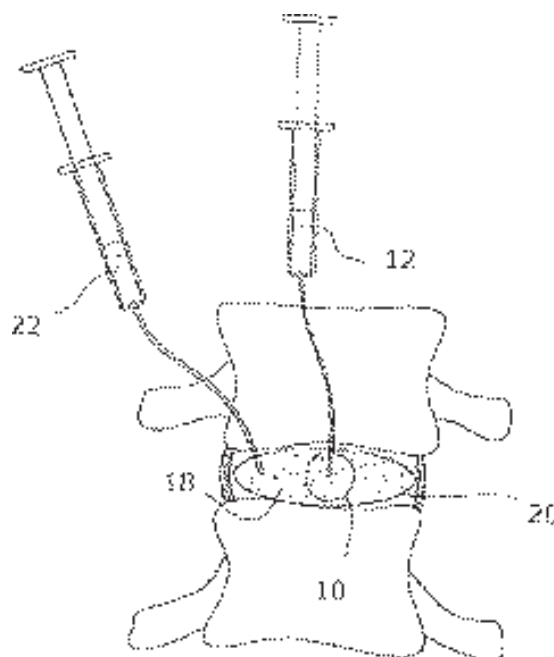
(51) IPC2009.01: A61F2/44

(71) LOUBERT SUDDABY

(72) Suddaby, Loubert;

(74) A J PARK, 6th Floor, Huddart Parker Building, 1 Post Office Square, Wellington 6011, New Zealand

(57) A method and system for replacing a natural vertebral disc in a non-human animal is disclosed. A vertebral disc is removed defining an intervertebral space. A construct including an outer balloon (20) and an inner balloon (10) inside the outer balloon is inserted into the intervertebral space. A first liquid material (12) and a second liquid material (22) are injected to inflate the inner and the outer balloons respectively. The second liquid material is hardenable so as to form a stable mass (18) which conforms to the shape of the intervertebral space.



(21) 554423 (22) 10 Apr 2007 (23) 31 Mar 2008

(54) Improvements in and relating to fluid systems

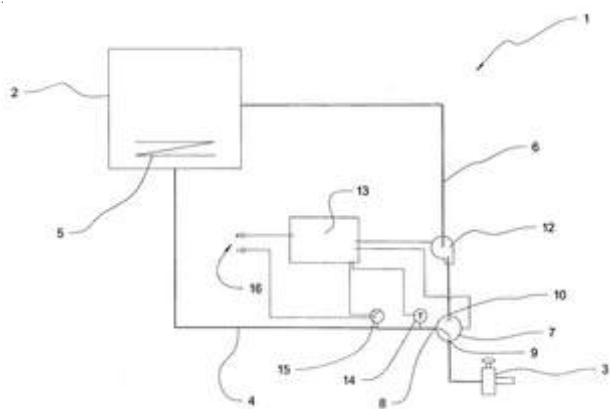
(51) IPC2009.01: F24D17/00; F24H1/18

(71) SAVEH20.COM Limited

(72) King, Chris Edward;

(74) JAMES & WELLS, Level 11, PricewaterhouseCoopers Centre, 119 Armagh Street, Christchurch, New Zealand

(57) A fluid system is disclosed that includes a fluid supply, at least one outlet and associated outlet control device, a supply and return conduit, a return valve, a controller, and a flow switch. The outlet control device is operable between open and closed positions to allow and disallow fluid to flow from the outlet. The return valve is located proximate and connected to the outlet. The return valve is connected to the supply and return conduits, and the return valve is configured to be capable of moving between a dispensing configuration, permitting fluid passage from the supply conduit to the outlet and blocking fluid passage to the return conduit, and a recirculation configuration, permitting fluid passage from the supply conduit to the return conduit and blocking fluid passage to the outlet. The controller controls the return valve and thus controls the direction of fluid. The controller is coupled to a sensor in the supply conduit or return valve, where the sensor detects a parameter of interest in the fluid within the supply conduit or return valve. The flow switch is configured to close an electrical circuit when the fluid flow within the supply conduit reaches a predetermined flow-rate, whereby the closed circuit provides electrical power to the controller. The controller is programmed such that upon the sensor relaying that the parameter of interest meets a predetermined parameter value, the controller operates the return valve to move to either the recirculation or dispensing configuration.



(21) 554574 (22) 28 Oct 2005

(54) Method and apparatus for separation of isobaric interferences

(86) PCT/CA2005/001654 (87) WO06/045200

(51) IPC2009.01: H01J49/04; G01N27/62; G01N37/00

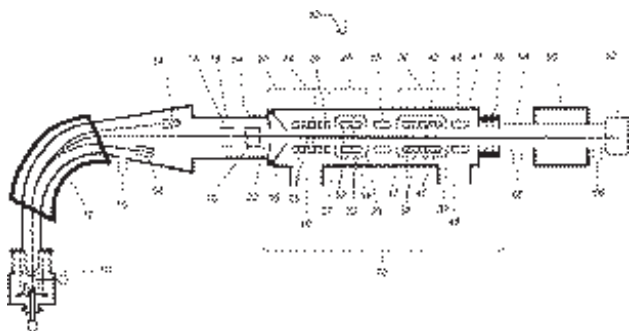
(71) Albert Edward Litherland; Jonathan P Doupe; William Edward Kieser; Zhao, Xiao-Lei; Gholamreza Javahery; Lisa Cousins; Llia, Tomski; Charles Jolliffe

(72) Litherland, Albert Edward; Kieser, William Edward; Zhao, Xiao-Lei; Javahery, Gholamreza; Cousins, Lisa; Tomski, Llia; Jolliffe, Charles; Doupe, Jonathan P;

(31) 04 622617 (32) 28 Oct 2004 (33) US

(74) ELLIS VERBOEKET TERRY, Level 12, Forsyth Barr House, Johnston Street, Wellington, New Zealand

(57) A method and apparatus for separation of rare stable or radioactive isotopes from their atomic or molecular isobars in mass spectrometry (MS). The approach taken to removing atomic isobars utilizes a high transmission device for decelerating ions in combination with low energy reactions, such as ion-molecule reactions or near resonant electron transfer, in RF ion guides. The isobar is selectively depleted by electron transfer or other reactions between negative ions and gaseous targets in pressurized RF ion guides at low energies. The energy is controlled in such a way as to prevent reaction of the ion of interest while inducing reactions with the undesired isobar interference. The technique is of particular relevance to accelerator mass spectrometry (AMS) for which it allows substantial reductions in the necessary terminal voltage. The effect is to allow reductions in the size and cost of AMS installations.



(21) 554756 (22) 28 Sep 2005

(54) Capsule closure

(86) PCT/CH2005/000558 (87) WO2006/037244

(51) IPC2009.01: B65D51/28

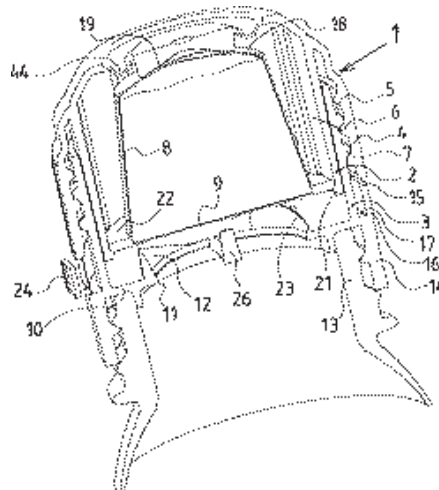
(71) BELCAP AG

(72) Seelhofer, Fritz;

(31) 159904 (32) 1 Oct 2004 (33) CH

(74) HENRY HUGHES, 119-125 Willis Street, Wellington, New Zealand

(57) Capsule closure 1 for mounting over the spout opening or on the threaded connector end of a liquid or bulk goods container for metered adding of a separately stored substance by depressing or unscrewing the cap, wherein a closed cap having a lid and an outer wall encloses a hollow-cylindrical receptor device formed at its lid inner side, which, whilst leaving free its inner side, fits into the interior of a coordinated nipple part, which, at the region of its maximal diameter, lies against the inner side of the outer wall of the cap, further that a coordinated container capsule 8, which is manufactured separately from the cap, filled and subsequently sealed with a sealing film 9, is arranged in the interior of the receptor device and having its sealing film 9 towards the underside of the cap is untwistably latchingly engagable in the receptor device of the cap, and that in the interior of the nipple part, below the inserted container capsule 8, there is formed an annular, radially inwardly projecting shoulder 10, at whose inner edge 11 there is formed at least one fixed or movable piercing and/or cutting element 12, and on a radially outwardly projecting shoulder 10, below the lower cap edge of the mounted cap, there is supported a tamper-evident strip 15 which is removably attached by individual material bridges or by a continuous material bridge, after the removal of which the cap is downwardly displaceable on the nipple part, whereby the container capsule 8, by cutting open its sealing film 9, is movable over the fixed or movable piercing and/or cutting element 12, and that the section lying below the shoulder 10 of the nipple part is configured either as a sleeve or as a flange.



(21) 554952 (22) 17 Oct 2005

(54) Pyridine derivatives and the preparation and the therapeutic use thereof

(86) PCT/FR2005/002566 (87) WO2006/042955

(51) IPC2009.01: C07D213/06; A61K31/44; C07D401/12; C07D405/12; C07D409/12

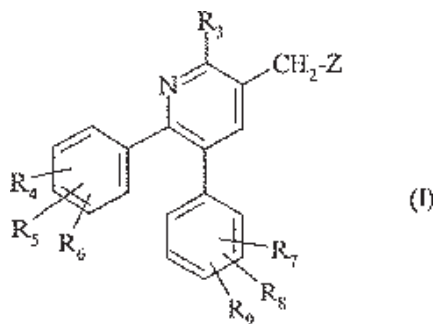
(71) Sanofi-Aventis

(72) Barre, Lionel; Barth, Francis; Congy, Christian; Pointeau, Philippe; Rinaldi-Carmona, Murielle;

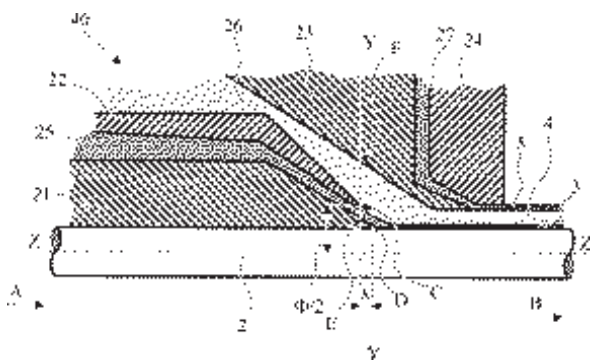
(31) 04 0411030 (32) 18 Oct 2004 (33) FR

(74) A J PARK, 6th Floor, Huddart Parker Building, 1 Post Office Square, Wellington 6011, New Zealand

(57) Disclosed are compounds of formula (I), wherein Z is a N(R1)XR2, N(R1)COOR'2 or OCON(R1)R'2 group; X is a -CO-, -SO2-, -CON(R10)- or -CSN(R10)-; R1 is a hydrogen atom or an (C1-C4) alkyl group; R2 is a (C3-C10) alkyl group, a (C3-C12) carboxylic non-aromatic radical, a heterocyclic radical, a non-substituted or substituted phenyl and a (C1-C2) alkylene substituted by one or two equal or different substituents; R3 is a hydrogen atom, or a (C1-C4) alkyl, cyano, (C1-C4) alkoxyethyl or hydroxymethyl group. Further disclosed are processes for preparing the compounds, and uses of the compounds in the preparation of medicaments for treating and preventing disorders including appetite disorders, metabolic disorders and gastro-intestinal disorders.

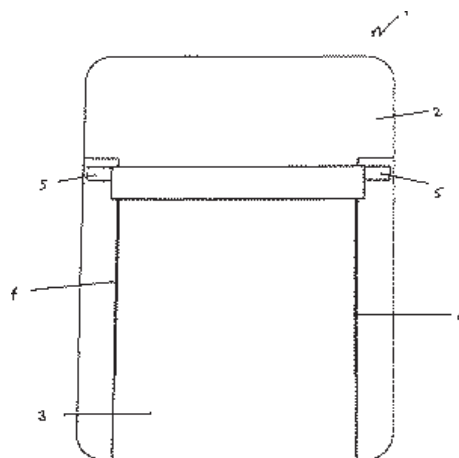


- (21) 554965 (22) 23 Nov 2004
 (54) Cable manufacturing process
 (86) PCT/EP2004/013289 (87) WO2006/056218
 (51) IPC2009.01: H01B13/14
 (71) Prysmian Cavi e Sistemi Energia S.r.L.
 (72) Dell'Anna, Gaia; Bareggi, Alberto; Belli, Sergio;
 (74) DAVIES COLLISON CAVE - SYDNEY, 255 Elizabeth Street, Sydney, New South Wales 2000, Australia
 (57) A process for manufacturing a cable which includes a conductor; an inner semiconductive layer surrounding the conductor and having a thickness lower than or equal to 0.4 mm; and an insulating layer surrounding the inner semiconductive layer. The process includes the step of co-extruding the inner semiconductive layer and the insulating layer and includes: a) providing a first annular flow of inner semiconductive material and a second annular flow of insulating material; b) contacting the outer surface of the first annular flow and the inner surface of the second annular flow at an axial distance from the contacting point where the inner surface of the first annular flow contacts the conductor; c) selecting in combination the predetermined feeding speed and the contacting point as a function of the dynamic viscosity of the inner semiconductive material and of the insulating material, so that a ratio between the shear stress of the inner semiconductive layer at the radially inner wall of the extrusion die and the shear stress of the insulating layer at the radially outer wall of the extrusion die, in proximity of the contacting point, is 0.5 to 4; and d) compression extruding the insulating layer and the inner semiconductive layer onto the conductor.

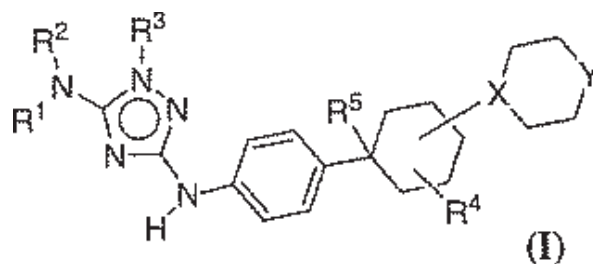


- (21) 554985 (22) 4 May 2007 (23) 5 May 2008
 (54) A sheet system for securing a child in a desired sleeping position
 (51) IPC2009.01: A41B13/00; A47G9/04
 (71) Kirsty Barry
 (72) Barry, Kirsty;
 (74) JAMES & WELLS, Level 9, James and Wells Tower, 56 Cawley Street, Ellerslie, Auckland, New Zealand
 (57) A sheet system for securing a child in a desired sleeping position is disclosed. The sheet system includes a base sheet which has a stabilising means for stabilising the base sheet on a sleep surface, a band for

securing a child in a preferred position, and a top sheet for covering the secured child. The band is attached to the base sheet via a first attachment means, and the top sheet is attached to the base sheet via a second attachment means.



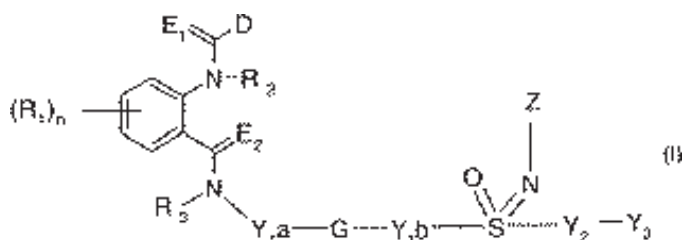
- (21) 555088 (22) 21 Oct 2005
 (54) N-[(4-cyclohexyl)-phenyl]-[1,2,4]triazole-3,5-diamines useful as inhibitors of protein kinases
 (86) PCT/US2005/037830 (87) WO2006/047256
 (51) IPC2009.01: A61K31/4196; A61P35/00; A61P37/08; C07D249/14; C07D401/04
 (71) Vertex Pharmaceuticals Incorporated
 (72) Davies, Robert, J.; Forster, Cornelia, J.; Arnost, Michael, J.; Wang, Jian;
 (31) 04 621270 (32) 21 Oct 2004 (33) US
 (74) CULLEN & CO., Level 32, 239 George Street, Brisbane, QLD 4001, Australia
 (57) Disclosed is a compound of formula (I), wherein the substituents are as defined in the specification. The compounds are useful in the treatment of allergic disorders, proliferative disorders, autoimmune disorders, conditions associated with organ transplant, inflammatory disorders, immunologically mediated disorders and destructive bone disorders.



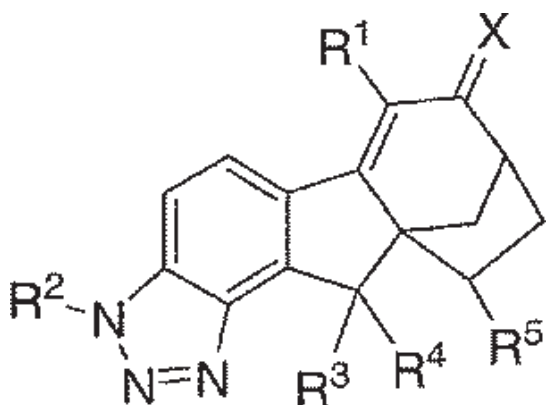
- (21) 555165 (22) 16 Dec 2005
 (54) Method for producing sterile suspensions or lyophilisates of poorly soluble basic peptide complexes, pharmaceutical formulations containing the same, and use thereof as medicaments
 (86) PCT/EP2005/013553 (87) WO2006/069641
 (51) IPC2009.01: A61K9/19; A61K38/09; A61K9/10
 (71) Zentaris GmbH
 (72) Rischer, Matthias; Muller, Horst; Werner, Karl; Engel, Jurgen;
 (31) 04 637770 (32) 22 Dec 2004 (33) US
 (31) 04 04030568 (32) 23 Dec 2004 (33) EP
 (31) 05 741911 (32) 5 Dec 2005 (33) US
 (74) BALDWINS INTELLECTUAL PROPERTY, Level 14, Baldwins Centre, 342 Lambton Quay, Wellington 6011, New Zealand

(57) Disclosed is a method for producing sterile suspensions or lyophilisates of poorly soluble peptide complexes such as cetorelix embonate. The disclosure also relates to sterile suspensions and sterile lyophilisates of poorly soluble basic peptide complexes, and to pharmaceutical formulations containing the same. Said formulations are especially suitable for using as medicaments for the treatment and prophylaxis of diseases and pathological conditions in mammals, especially humans, by parenteral administration.

(21) 555167 (22) 7 Dec 2005
 (54) Anthranilamide derivatives as insecticides
 (86) PCT/EP2005/013103 (87) WO2006/061200
 (51) IPC2009.01: C07D401/04; A01N43/56
 (71) SYNGENTA PARTICIPATIONS AG
 (72) Jeanguenat, Andre; O'Sullivan, Anthony, Cornelius;
 (31) 04 0427008 (32) 9 Dec 2004 (33) GB
 (74) BALDWINS INTELLECTUAL PROPERTY, Level 14, Baldwins Centre, 342 Lambton Quay, Wellington 6011, New Zealand
 (57) Disclosed is an anthranilamide derivative of formula I where the substituents are as described in the specification. The compound is useful as an insecticide, particularly for the control of members of the order Acarina.

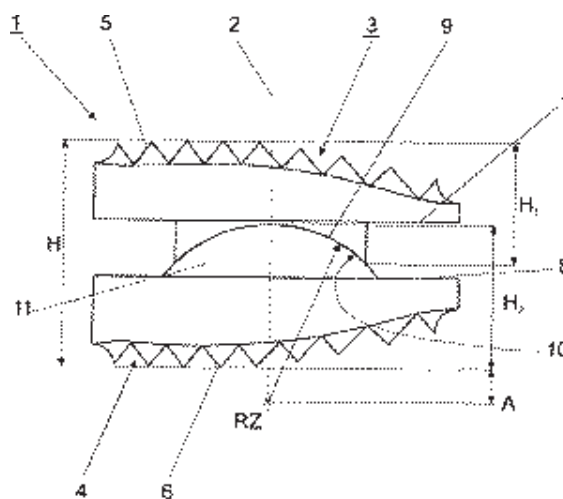


(21) 555316 (22) 5 Dec 2005
 (54) Estrogen receptor modulators
 (86) PCT/US2005/043859 (87) WO2006/062876
 (51) IPC2009.01: A61K31/41; C07D403/12; C07D249/16
 (71) MERCK & CO., INC.
 (72) Greenlee, Mark, L.; Meng, Dongfang; Sperbeck, Donald, M.; Wildonger, Kenneth, J.;
 (31) 04 634785 (32) 9 Dec 2004 (33) US
 (74) A J PARK, 6th Floor, Huddart Parker Building, 1 Post Office Square, Wellington 6011, New Zealand
 (57) Disclosed is a compound of the formula shown wherein the substituents are as defined in the specification. The compounds of the invention are ligands for estrogen receptors and are useful in a number of conditions relating to estrogen function, in particular uterine fibroid disease, hot flashes, perimenopausal depression or premenstrual syndrome.



(21) 555342 (22) 28 Oct 2005
 (54) Fire resistant polymer sheets
 (86) PCT/US2005/039170 (87) WO2006/050216
 (51) IPC2009.01: B32B27/08; B32B17/10; B32B27/22,30
 (71) Solutia Inc.
 (72) Ma, Yinong;
 (31) 04 978393 (32) 2 Nov 2004 (33) US
 (74) BALDWINS INTELLECTUAL PROPERTY, Level 14, Baldwins Centre, 342 Lambton Quay, Wellington 6011, New Zealand
 (57) A multiple layer glass panel, comprising a fire-resistant panel, is disclosed. The fire-resistant panel consists essentially of two layers of glass and a polymer sheet disposed between the two layers of glass, wherein the polymer sheet comprises a thermoplastic polymer and a phosphate ester plasticizer and wherein no additional plasticizer is present in the polymer sheet.

(21) 555344 (22) 27 Dec 2005
 (54) A modular intervertebral implant that articulates using nesting spherical surfaces that is constructed from a kit of parts to have a selectable centre of rotation position
 (86) PCT/CH2005/000775 (87) WO2006/069463
 (51) IPC2009.01: A61F2/44
 (71) SYNTHES GMBH
 (72) Lechmann, Beat; Frigg, Robert;
 (31) 04 2161 (32) 28 Dec 2004 (33) CH
 (74) BALDWINS INTELLECTUAL PROPERTY, Level 14, Baldwins Centre, 342 Lambton Quay, Wellington 6011, New Zealand
 (57) A modular intervertebral implant is disclosed. The implant articulates using nesting spherical surfaces (9, 10) and is constructed from a kit of parts to have a selectable centre of rotation position (RZ). Each half (3, 4) of the implant has an apposition area (5, 6) to abut an adjoining vertebrae. Each half is selected from a kit of parts with the same spherical surface shape, concave or convex, that have different heights (H1, H2). In this way a custom implant may be constructed whose centre of rotation (RZ) is positioned where needed, at the distance (A) from the bottom of the lower half. The overall height of the implant (H) is always less than the sum of the heights of the two parts (H1+H2).



(21) 555393 (22) 3 Dec 2005
 (54) Block copolymers made of polyethylene terephthalate and a polyamide made of meta-xylylendiamine and adipinic acid
 (86) PCT/EP2005/012983 (87) WO2006/061160
 (51) IPC2009.01: C08L77/12; C08G69/44; C08L67/02
 (71) BASF AKTIENGESSELLSCHAFT
 (72) Strauch, Joachim; Bever, Paul-Michael; Gruber, Freddy; Warzelhan, Volker; Rosenau, Bernhard;
 (31) 04 059597 (32) 9 Dec 2004 (33) DE

(74) BALDWINS INTELLECTUAL PROPERTY, Level 14, Baldwins Centre, 342 Lambton Quay, Wellington 6011, New Zealand

(57) Disclosed is a process for preparation of block polymers of polyethylene terephthalate and of the polyamide composed of meta-xylylenediamine and adipic acid, which comprises adding to the polyamide at a relative solution viscosity of from 1.5 to 2.2 polyethylene terephthalate at a pressure of from 0.1 to 20 bar and at a temperature of from 240 to 300°C. Also disclosed is A block polymer of polyethylene terephthalate and of the polyamide composed of meta-xylylenediamine and adipic acid.

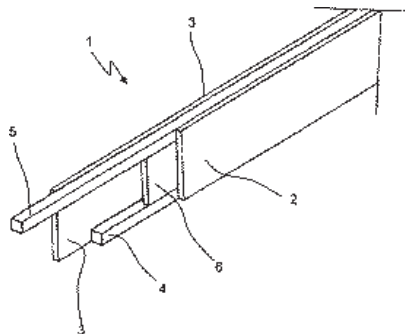
(21) 555454 (22) 28 May 2007 (23) 10 Jan 2008
(54) Composite structure made from elongate building elements
(51) IPC2009.01: F16B5/00; E04B1/32; E04C3/12,38,42
(71) Peter Francis Charles Stevens

(72) Stevens, Peter Francis Charles;

(74) JAMES & WELLS, Level 11, PricewaterhouseCoopers Centre, 119 Armagh Street, Christchurch, New Zealand

(57) A composite building structure (1), such as a beam, for spanning a region of space is disclosed. The structure consists of at least two elongate building elements, each including four or more elongate side members (2, 3, 4, 5) and a central splice (6) between the members. At least two joints between corresponding side members of adjacent building elements are longitudinally offset with respect to the joints between other side members and/or joints between adjacent splice elements.

Divisional filed as 578749



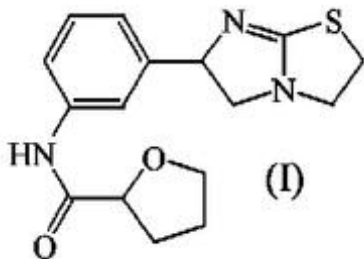
(21) 555541 (22) 26 Jan 2006
(54) Anthelmintic imidazol-thiazole derivatives
(86) PCT/EP2006/050460 (87) WO2006/079642
(51) IPC2009.01: C07D513/04; A61K31/429; A61P33/10
(71) Janssen Pharmaceutica N.V.

(72) Janssen, Paul Adriaan Jan; Heeres, Jan; Lewi, Paulus Joannes; Vlamincx, Kathleen Marie Jeanne Alice; Ottevaere, Pierre Jozef Hektor Valere; Vanparijs, Oscar Franz Joseph;

(31) 05 05100580 (32) 28 Jan 2005 (33) EP

(74) BALDWINS INTELLECTUAL PROPERTY, Level 14, Baldwins Centre, 342 Lambton Quay, Wellington 6011, New Zealand

(57) Disclosed is a compound of formula (I) the pharmaceutically acceptable acid addition salts and the stereochemically isomeric forms thereof.



(21) 555618 (22) 8 Dec 2005

(54) Powder coating cabin or substructure thereof

(86) PCT/IB2005/003711 (87) WO2006/061702

(51) IPC2009.01: B05B15/12

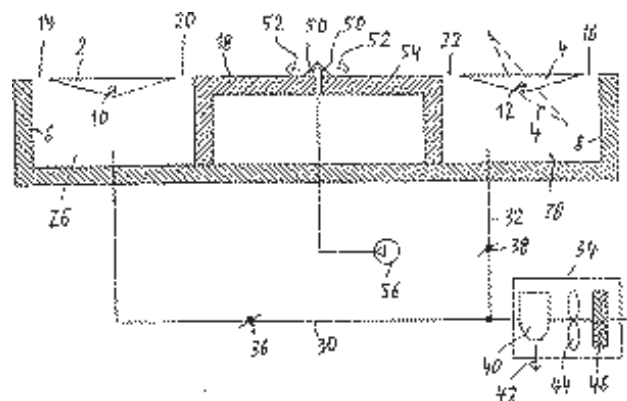
(71) ITW GEMA AG

(72) Gelain, Silvano;

(31) 04 04059602 (32) 9 Dec 2004 (33) DE

(74) PHILLIPS ORMONDE FITZPATRICK, 367 Collins Street, Melbourne, Victoria 3000, Australia

(57) A powder spray coating cabin or substructure for same, containing a cabin bottom above which objects to be coated may be moved in a longitudinal cabin direction through the cabin, further containing outer longitudinal walls, wherein outer bottom flaps 2, 4 acting as bottom components are configured adjacently to the outer longitudinal walls 6 8 and are rotatable about a longitudinal axis of rotation 10 12, one outer lengthwise bottom gap 14 16 each being subtended between the outer bottom flaps 2 4 and the longitudinal walls 6 8; the two outer bottom flaps 2 4 subtend between them a zone accommodating at least one further bottom part 18 one of which 18 being configured at the transverse cabin center as the central bottom part; an inner lengthwise bottom gap 20 22 is constituted in each case on the inner side of the outer bottom flaps 2 4 away from the outer lengthwise bottom gap 14 16 each time between the outer bottom flap 2 4 and its adjacent minimum of one further bottom part 18; the width of the lengthwise bottom gaps is adjustable by rotating their adjacent bottom flaps; the bottom flaps and the lengthwise bottom gaps are configured above at least one suction duct 26 28 and overlap same; at least one of the minimum of one further bottom part is a walk-on bottom part 18, the walk-on bottom part 18 is fitted at its top side with compressed-air outlets 50 to blow compressed air across the surface of the walk on bottom part toward at least one of the lengthwise bottom gaps 20 22 situated on both longitudinal sides of the walk-on bottom part.



(21) 555645 (22) 9 Nov 2005

(54) LNA oligonucleotides and the treatment of cancer

(86) PCT/DK2005/000719 (87) WO2006/050732

(51) IPC2009.01: C12N15/11; A61K31/7088; A61P35/00

(71) Santaris Pharma A/S; Enzon Pharmaceuticals, Inc.

(72) Asklund, Marlene; Westergaard, Majken; Rosenbohm, Christoph; Wissenbach, Margit; Hansen, Bo; Kjaerulf, Lene Sonderbye;

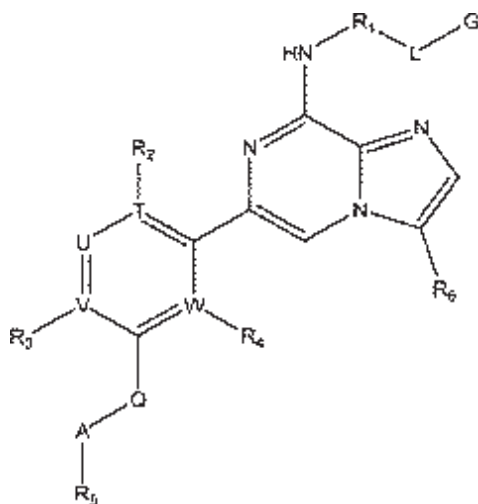
(31) 04 01728 (32) 9 Nov 2004 (33) DK

(31) 04 626561 (32) 9 Nov 2004 (33) US

(74) CULLEN & CO., Level 32, 239 George Street, Brisbane, QLD 4001, Australia

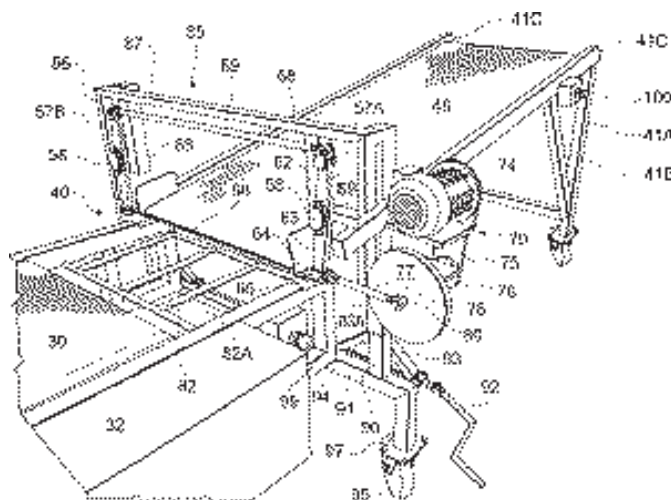
(57) Disclosed are pharmaceutical compositions comprising at least one taxane compound and an LNA oligonucleotide having the sequence of SEQ ID No: 28. The LNA oligonucleotides exhibit advantageous properties over known oligonucleotides in the inhibition of Survivin expression by means of an anti-sense mechanism, and thereby lead to reduction or inhibition of tumour development in vivo.

(21) 555681 (22) 10 Nov 2005
 (54) Imidazo[1, 2-a] pyrazin-8-ylamines useful as modulators of kinase activity
 (86) PCT/US2005/040730 (87) WO2006/053121
 (51) IPC2009.01: C07D487/04; A61K31/4985; A61P29/00; A61P35/00; A61P37/00
 (71) CGI Pharmaceuticals, Inc.
 (72) Currie, Kevin S; Kropf, Jeffrey E; Darrow, James W; Desimone, Robert W;
 (31) 04 985023 (32) 10 Nov 2004 (33) US
 (31) 04 630645 (32) 24 Nov 2004 (33) US
 (31) 04 630860 (32) 24 Nov 2004 (33) US
 (31) 04 630861 (32) 24 Nov 2004 (33) US
 (74) CULLEN & CO., Level 32, 239 George Street, Brisbane, QLD 4001, Australia
 (57) Disclosed is at least one chemical entity chosen from compounds of Formula 1 and pharmaceutically acceptable salts, solvates, crystal forms, chelates, prodrugs, and mixtures thereof, wherein R5 is optionally substituted aryl and the rest of the substituents are disclosed within the specification.
 Also disclosed is the use of the above compound for the preparation of a medicament for treating a patient having a disease responsive to inhibition of Btk activity.

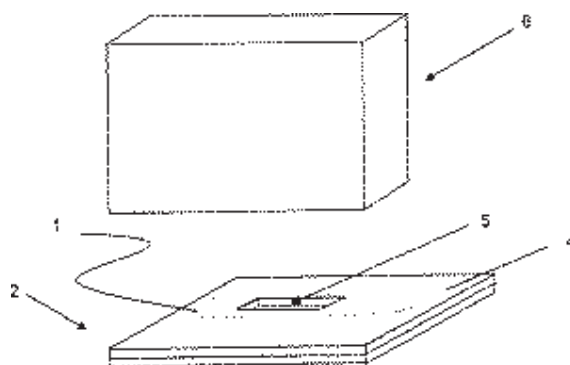


{Formula 1}

(21) 555794 (22) 14 Dec 2005
 (54) Harvesting method and apparatus leafy vegetables or legumes
 (86) PCT/AU2005/001894 (87) WO2006/063400
 (51) IPC2009.01: A01D45/00; A01D91/00
 (71) Withcott Seedlings (Qld) Pty Ltd
 (72) Erhart, Wendy; Erhart, Graham;
 (31) 04 237918 (32) 15 Dec 2004 (33) AU
 (74) FISHER ADAMS KELLY, Level 29, Comalco Place, 12 Creek Street, Brisbane, Queensland 4000, Australia
 (57) A harvesting apparatus comprising a first conveyor (30) for conveying seedling trays (10), a cutting station (40) adjacent the first conveyor (30) to cut the leaves of the seedlings and a second conveyor (41) for taking cut leaves away from the cutting station (40). A stationary plate or grill (82) is placed in the gap (82A) between the first conveyor (30) and the cutting station (40) for supporting the trays (10). The cutting mechanism at the cutting station (40) may be adjustable in height above the plate or grill (82). A method of harvesting leafy vegetables and legumes using this apparatus is also described.



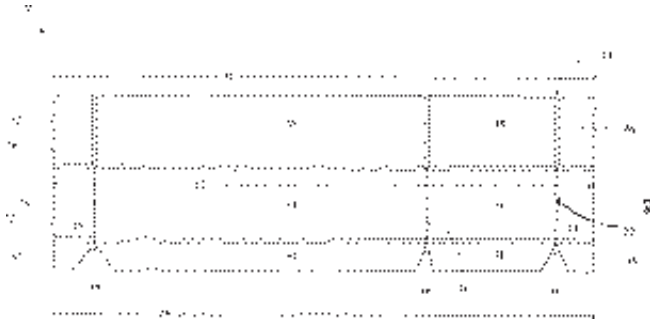
(21) 555921 (22) 18 Nov 2007 (23) 17 Feb 2009
 (54) A method of processing monocotyledon leaves and a product there from
 (51) IPC2009.01: G06F17/50; B23K26/00; B44B3/02,06; B44F3/00
 (71) Charmaine Karen Anaru; David Donald Te Rangi Robin
 (72) Anaru, Charmaine Karen; Robin, David Donald Te Rangi;
 (74) JAMES & WELLS, Level 12, KPMG Centre, 85 Alexandra Street, Hamilton, New Zealand
 (57) A method of forming a pattern on at least a portion of a leaf, characterised by the steps of: a) generating the pattern in digital form; b) programming an automated cutting device to reproduce the digitised pattern; c) using the automated cutting device to remove plant material from the leaf to form the pattern.



(21) 555925 (22) 12 Dec 2005
 (54) A blank and an assembly for a coffin
 (86) PCT/AU2005/001876 (87) WO2006/060879
 (51) IPC2009.01: A61G17/013,007
 (71) Apogee International Pty Ltd
 (72) Kemmerer, Eckhard;
 (31) 2004 907071 (32) 10 Dec 2004 (33) AU
 (74) F B RICE & CO, Level 23, 200 Queen Street, Melbourne, Victoria 3000, Australia
 (57) A blank (10) for a coffin comprising a blank body (12) defining a plurality of wall panels (14, 16, 18, 20) each having a dedicated pair of opposed sides; a base supporting member (28) formed integrally with

one side of at least one of the panels; and a flap member (30) formed integrally with the opposite side of at least certain of the panels, where the base supporting member is foldable, substantially at right angles to its panel, to form a ledge on which the base is receivable. In one embodiment an insert (58) is held captive between at least one of side wall panels of the blank body and their associated flap portions folded onto the side wall panels to impart rigidity to a side wall of a coffin formed from the blank.

(61) Addition to 555925



(21) 555946 (22) 15 Dec 2005

(54) Device for the coupling and release of a pipe fitting into a flanged pipe

(86) PCT/EP2005/056834 (87) WO06/067084

(51) IPC2009.01: F16L23/036; F16L37/18

(71) LORENZO BORMIOLI

(72) Bormioli, Lorenzo;

(31) 04 MI A 0231 (32) 24 Dec 2004 (33) IT

(74) A J PARK, 6th Floor, Huddart Parker Building, 1 Post Office Square, Wellington 6011, New Zealand

(57) A device for the quick coupling of a pipe fitting to a flanged pipe is described, comprising a connection plate (13) rigidly fastened to one end (1) of the fitting so as to be axially approachable to the front of a terminal flange (12) of the flanged pipe, clamping wheels (15) revolving around their own axis and projecting frontally from said plate (13) in circumferentially distanced positions. Each clamping wheel (15) has a round shape with a cut (24) along a cord of circle in order to allow in an angular position with cord turned toward the axis of the coupling, and to prevent in all the other angular positions, the passage of the flange (12) of the flanged pipe between said wheels (15) for the mutual moving near and moving apart of the plate (13) and of the flange (12).; Each clamping wheel (15) has in addition toward said plate (13) a helicoidal neck (25) capable to cause as a result of the rotation of the wheel (15) from said angular position to said other angular positions the front abutment engagement and the clamping of said flange (12) against said plate (13). Each wheel (15) is controlled by a pinion- endless screw unit (19) supported by a block (80) integral with the plate (13) and connectable with external control means.

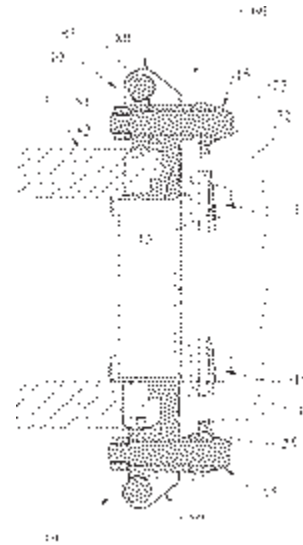


FIG. 3

(21) 555987 (22) 22 Dec 2005

(54) Simple gas scouring method and apparatus

(86) PCT/AU2005/001959 (87) WO06/066350

(51) IPC2009.01: B01D65/02

(71) Siemens Water Technologies Corp

(72) Muller, Joachim;

(31) 04 907390 (32) 24 Dec 2004 (33) AU

(74) Shelston IP, Level 21, 60 Margaret Street, Sydney, NSW 2000, Australia

(57) A method of cleaning a membrane (6) in a membrane filtration system is disclosed by flowing gas bubbles past the surfaces of the membrane (6) to scour accumulated solids therefrom. The method includes flowing a liquid past a supply of gas; creating a reduced pressure within the liquid flow to cause a flow of gas from the supply of gas (9) into the liquid flow and form gas bubbles therein and then flowing the liquid containing the gas bubbles past the surfaces of the membrane (6) to scour the surfaces thereof. Apparatus for performing the method is also disclosed.

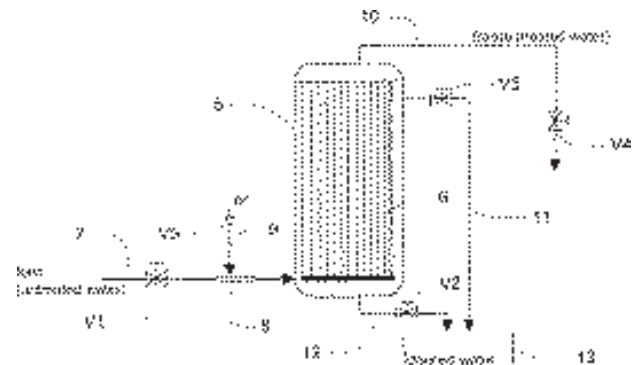


Fig. 1

(21) 555998 (22) 13 Jan 2006

(54) Method and portable storage device for allocating secure area in insecure area

(86) PCT/KR2006/000141 (87) WO2006/075889

(51) IPC2009.01: G11B20/10; G06F21/00

(71) Samsung Electronics Co., Ltd.

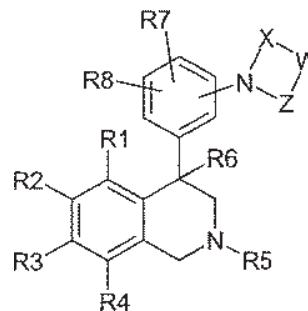
(72) Jung, Sang-Sin; Kwon, Moon-Sang; Oh, Yun-sang; Jung, Kyung-im;

(31) 05 643150 (32) 13 Jan 2005 (33) US

(31) 2005 0042622 (32) 20 May 2005 (33) KR

(74) JAMES & WELLS, Level 12, KPMG Centre, 85 Alexandra Street, Hamilton, New Zealand

(57) A storage device for allocating a secure area in an insecure area is disclosed. The storage device comprises a storage section comprising an insecure area and a secure area; a transmitter which sends position information regarding the secure area of the storage section to a host device; a receiver which receives the position information and data to be stored in the secure area from the host device; and a secure application which encrypts and stores the data in the storage section based on the position information. Also disclosed is a storage device for allocating a secure area in an insecure area device comprising a storage section comprising an insecure area and a secure area; a receiver which receives data to be stored in the secure area of the storage section from a host device; a secure application which secures a space for the secure area needed to store the data within the storage section, and encrypts and stores the data in the secure area; and a transmitter which sends a result of the storing the data within the storage section to the host device.



(21) 556092 (22) 23 Dec 2005

(54) Methods and apparatus for power generation

(86) PCT/AU2005/001956 (87) WO2006/066347

(51) IPC2009.01: F01K21/04; F01K23/04; F01K27/02; F25B30/02; F25B41/00

(71) RENEWABLE ENERGY SYSTEMS LIMITED

(72) Drysdale, Kenneth William Patterson;

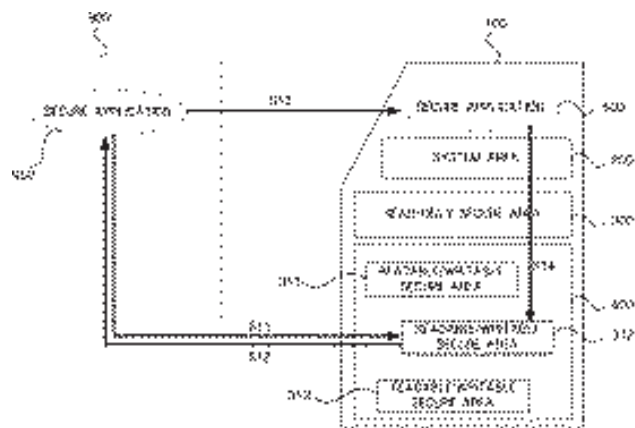
(31) 04 537539 (32) 24 Dec 2004 (33) NZ

(31) 05 539126 (32) 31 Mar 2005 (33) NZ

(31) 05 542722 (32) 28 Sep 2005 (33) NZ

(74) BALDWIN'S INTELLECTUAL PROPERTY, Level 14, Baldwin's Centre, 342 Lambton Quay, Wellington 6011, New Zealand

(57) Apparatus and methods are disclosed for utilising rejected heat from a thermodynamic cycle. A first working fluid circuit (2101) includes a compressor (201), a condenser (202), a receiver (203), a throttling valve (204), and an evaporator (205). A heat exchanger (215) is provided to reject heat to a second working fluid cycle (2102). The second cycle includes a boiler (211), a turbine (212), a condenser (213), a receiver (214), and a pump (210). The rejected heat is used to preheat the working fluid vapour entering the boiler of the second working fluid cycle. In one embodiment, a pre-existing refrigeration circuit may be adapted to include a heat exchanger upstream of a condenser to transfer heat to the working fluid in a heat pump circuit that includes a turbine generator.



(21) 556080 (22) 30 Dec 2005

(54) Substituted 4-phenyltetrahydroisoquinolines, methods for producing them, their use as drug, and drug containing them

(86) PCT/EP2005/014127 (87) WO2006/074813

(51) IPC2009.01: A61K31/47; A61P9/12; C07D217/14

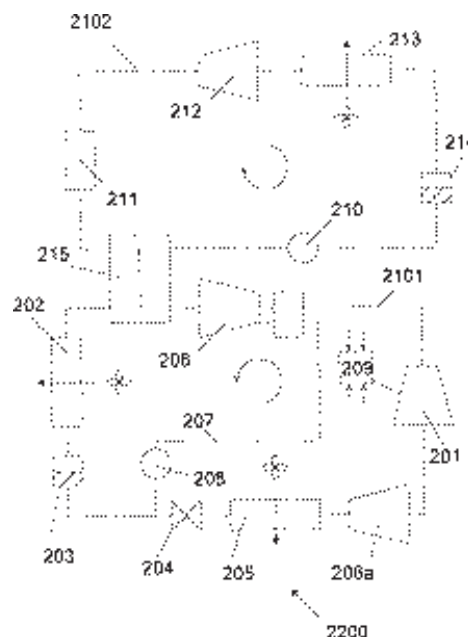
(71) Sanofi-Aventis

(72) Heinelt, Uwe; Lang, Hans-Jochen; Wirth, Klaus; Licher, Thomas; Hofmeister, Armin;

(31) 05 05001411 (32) 12 Jan 2005 (33) DE

(74) WATERMARK PATENT & TRADE MARK ATTORNEYS, Level 2, 302 Burwood Road, Hawthorn, Victoria 3122, Australia

(57) Disclosed is a compound of formula I, wherein the substituents are as defined in the specification. The compounds are NHE inhibitors useful in the treatment of various diseases, and can be used, inter alia, for renal disease, for biliary dysfunction and for respiratory disorders such as snoring or sleep apnoea.



(21) 556182 (22) 29 Nov 2005

(54) Method for producing pteridine and annelated piperazin-2-one derivatives and intermediates of said method

(86) PCT/EP2005/056291 (87) WO2006/058876

(51) IPC2009.01: C07D475/00

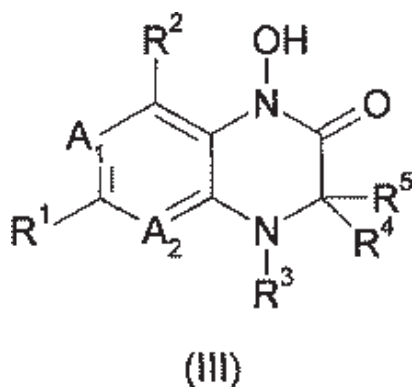
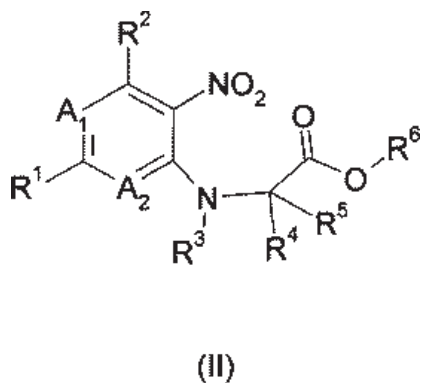
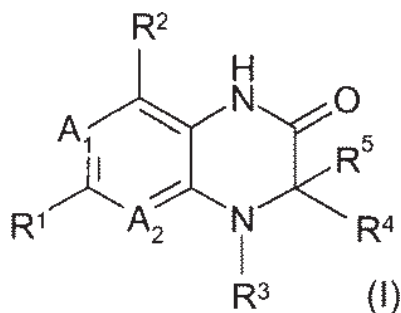
(71) BOEHRINGER INGELHEIM INTERNATIONAL GMBH

(72) Duran, Adil; Linz, Guenter;

(31) 04 0458337 (32) 2 Dec 2004 (33) DE

(74) BALDWIN'S INTELLECTUAL PROPERTY, Level 14, Baldwin's Centre, 342 Lambton Quay, Wellington 6011, New Zealand

(57) Disclosed is a process for preparing pteridine and condensed piperazin-2-one derivatives of general formula I (wherein the substituents are disclosed herein), in which a compound of formula II is a) hydrogenated with hydrogen in the presence of a hydrogenation catalyst (selected from the group consisting of rhodium, ruthenium, iridium, platinum, palladium and nickel), and b) a copper, iron or vanadium compound is added, wherein steps a) and b) may take place simultaneously or successively. Also disclosed is an intermediate product of formula III which is obtained after the first step a), and which may optionally be isolated. Additionally, the compound (7R)-2-chloro-7-ethyl-8-isopropyl-7,8-dihydro-5H-pteridin-6-one is further disclosed.



(21) 556208 (22) 23 Dec 2005

(54) Electrical power cable having expanded polymeric layers

(86) PCT/US2005/047161 (87) WO2006/071905

(51) IPC2009.01: H01B7/20

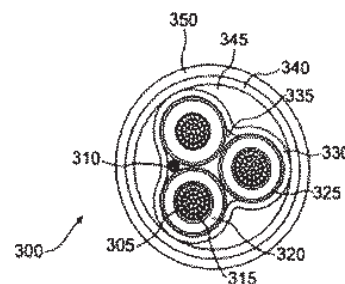
(71) Prysmian Cavi E Sistemi Energia S.r.l.

(72) Cusson, Daniel; Cinquemani, Paul; Veggetti, Paolo; Frigerio, Marco; Bareggi, Alberto;

(31) 04 020196 (32) 27 Dec 2004 (33) US

(74) DAVIES COLLISON CAVE - SYDNEY, 255 Elizabeth Street, Sydney, New South Wales 2000, Australia

(57) A cable comprises at least two cores stranded together, an expanded inner jacket layer, a substantially circular metallic armor partially contacting the inner jacket to form unfilled interstices outside the inner jacket, and a polymeric outer jacket. The expanded inner jacket substantially takes the shape of the periphery of the stranded cores, providing a non-circular cross section for the expanded inner jacket. A method of producing a cable comprises providing at least two cores, expanding a polymeric material, extruding the expanded polymeric material around the cores, and allowing the expanded polymeric material to collapse onto the cores. A substantially circular metallic armor is applied, resulting in a plurality of unfilled voids between the inner jacket and the metallic armor. An outer jacket is extruded on the metallic armor.



(21) 556258 (22) 2 Jul 2007 (23) 14 Jul 2008

(54) Message centre call handling

(51) IPC2009.01: H04L29/00; H04M3/00; H04M1/64; G06Q50/00

(71) Data Health Systems Limited

(72) Smith, Bryan Leslie;

(74) PIPERS, Level 1, 5A Pacific Rise, Mt Wellington, Auckland, New Zealand

(57) An SMS or MMS message call centre for responding to digitally recorded messages received from callers, and a method for handling SMS or MMS calls to such, is disclosed. The call centre comprises: a message recording database, a message parser, a message classifier, a message response producer, a message relay, and a response message generator. The message recording database records at least a called number, a calling number, a message, and a message status. The message parser separates the messages on the basis of at least the called number and the presence or absence of at least one known text string in the message, and the message classifier classifies messages for attention by an operator on the basis of parsed results and any previous calls from the same called number. The message response producer produces response messages to a caller in response to any action or lack of action by an operator, and the message relay relays messages to the operator for reply to the message. The response message generator generates a response to the caller on multiple events in the processing of the message.

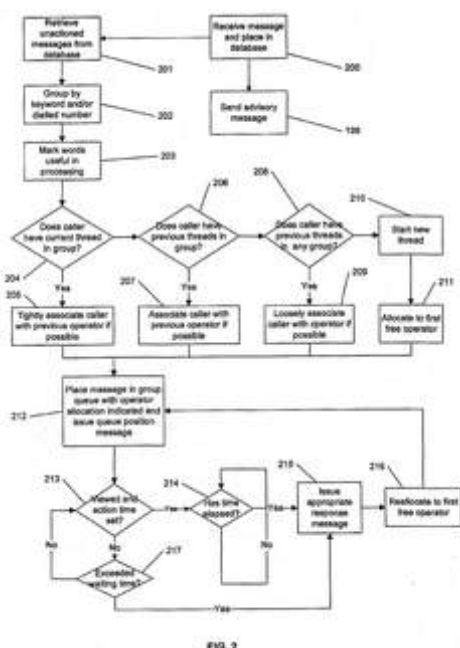


FIG. 2

(21) 556308 (22) 16 Jan 2006

(54) Mill liner assembly

(86) PCT/AU2006/000049 (87) WO2006/076764

(51) IPC2009.01: B02C17/22

(71) Vulco S.A.

(72) Abarca Melo, Ricardo; Fernandez Daberti, Ricardo;

(31) 05 0102 (32) 18 Jan 2005 (33) CL

(74) DAVIES COLLISON CAVE - SYDNEY, 255 Elizabeth Street, Sydney, New South Wales 2000, Australia

(57) A liner assembly is disclosed for use in a grinding mill, the liner assembly including a liner body including a mounting member, and an elastomeric cushioning member operatively connected to the mounting member. The cushioning member includes a plurality of support cavities therein, and a plurality of wear elements mounted within the support cavities.

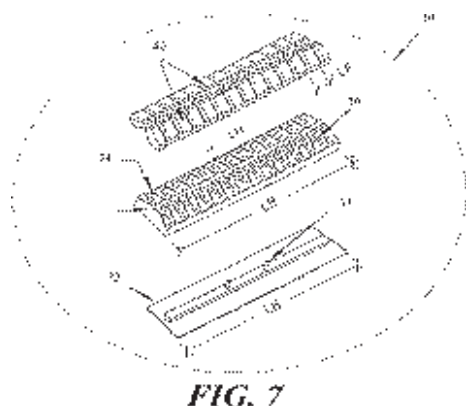


FIG. 7

(21) 556309 (22) 22 Dec 2005

(54) Methods for degassing hydrophobic liquids and emulsions formed therefrom

(86) PCT/AU2005/001971 (87) WO2006/066359

(51) IPC2009.01: B01D19/00

(71) Murdoch University

(72) Pashley, Richard Mark;

(31) 04 907241 (32) 22 Dec 2004 (33) AU

(74) SPRUSON & FERGUSON, GPO Box 3898, Sydney, NSW, 2001, Australia

(57) Disclosed is a method of degassing a hydrophobic liquid, comprising passing the liquid along one side of a porous hydrophobic membrane while simultaneously passing a degassed aqueous liquid along the other side. Also disclosed is a method for preparing an emulsion of a hydrophobic liquid and an aqueous liquid, comprising degassing the hydrophobic liquid as described above, then combining it with a degassed aqueous liquid.

(21) 556310 (22) 23 Dec 2005

(54) Increased conductivity and enhanced electrolytic and electrochemical processes

(86) PCT/AU2005/001953 (87) WO2006/066345

(51) IPC2009.01: B01D19/00; B01D61/44; C02F1/461; C25B1/14; C25B3/00; C25C3/02

(71) Murdoch University

(72) Pashley, Richard Mark; Pashley, Lawrence Richard;

(31) 04 7268 (32) 23 Dec 2004 (33) AU

(74) SPRUSON & FERGUSON, GPO Box 3898, Sydney, NSW, 2001, Australia

(57) A method of conducting a current through an aqueous liquid is provided. The method comprises first degassing the aqueous liquid to produce a degassed aqueous liquid, wherein at least 80% of dissolved gas is removed from the aqueous liquid, and applying an electric field to the degassed aqueous liquid so as to cause an electric current to pass there-through.

(21) 556369 (22) 19 Jan 2005

(54) Antibiotic 107891, its factors A1 and A2, pharmaceutically acceptable salts and compositions, and use thereof

(86) PCT/US2005/004843 (87) WO2006/075988

(51) IPC2009.01: A61K38/12; C07K14/195; A61P31/04

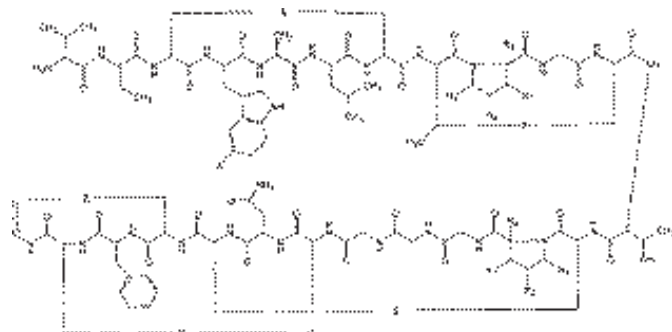
(71) Naicons Scarl

(72) Lazzarini, Ameriga; Gastaldo, Luciano; Candiani, Gianpaolo; Ciciliato, Ismaela; Losi, Daniele; Marinelli, Flavia; Selva, Enrico; Parenti, Franco;

(31) 05 035296 (32) 12 Jan 2005 (33) US

(74) Shelston IP, Level 21, 60 Margaret Street, Sydney, NSW 2000, Australia

(57) Disclosed are antibiotics of formula (I) wherein X is selected from the group consisting of F, Cl, Br and I; and wherein R1-R8 are independently selected from H, OH, alkyl and aryl. Antibiotics of the type above have been isolated from a strain of Microbispora sp. ATCC PTA-5024 and are useful in the treatment of bacterial infections.



(21) 556403 (22) 27 Oct 2005

(54) Protective anode coatings

(86) PCT/AU2005/001665 (87) WO2006/045154

(51) IPC2009.01: C25C3/12; C25C7/02

(71) COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION

(72) Gulizia, Enzo; Jahedi, Mahnaz; Oh, Chull Hee; Gulizia, Stefan;

(31) 04 6236 (32) 28 Oct 2004 (33) AU

(74) PHILLIPS ORMONDE FITZPATRICK, 367 Collins Street, Melbourne, Victoria 3000, Australia

(57) Disclosed is a coating system, for use in reducing air burn oxidation of a carbon anode of an aluminium electrolytic smelter, wherein the coating system includes a pre-coat and a top coat which together enable protection of the anode when applied thereover, the pre-coat contains finely divided carbonaceous material dispersed in a binder which is an aqueous solution of a silicate, the top coat contains finely divided particulate material dispersed in a binder which is an aqueous solution of a silicate, and wherein the particulate material of the top coat comprises at least one of alumina and cryolite.

(21) 556469 (22) 14 Feb 2006

(54) Non steroidal glucocorticoid receptor modulators

(86) PCT/EP2006/050906 (87) WO2006/084917

(51) IPC2009.01: C07D471/04; A61K31/551; A61P29/00

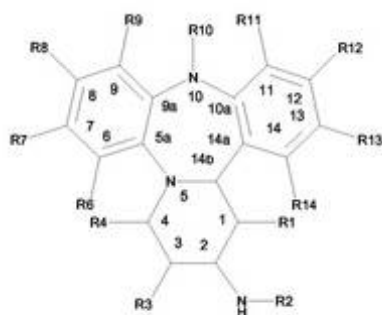
(71) N.V. Organon

(72) Plate, Ralf; Zaman, Guido Jenny Rudolf; Hermkens, Pedro Harold Han; Jans, Christiaan Gerardus Johannes Maria; Buijsman, Rogier Christian; De Man, Adrianus Petrus Antonius; Conti, Paolo Giovanni Martino; Lusher, Scott James; Dokter, Willem Hendrik Abraham;

(31) 05 05101086 (32) 14 Feb 2005 (33) EP

(74) BALDWINS INTELLECTUAL PROPERTY, Level 14, Baldwins Centre, 342 Lambton Quay, Wellington 6011, New Zealand

(57) The disclosure relates to non-steroidal glucocorticoid receptor modulating compounds of formula (I), wherein the variables are as defined in the specification. The disclosure also relates to pharmaceutical compositions comprising compounds of formula (I) and the use of these compounds to modulate glucocorticoid receptor activity. These compounds are useful for treating immunological and inflammatory diseases, particularly in the field of rheumatology, hematology, pulmonology, dermatology, gastroenterology, endocrinology, neurology or nephrology.



Formula I

(21) 556580 (22) 23 Feb 2006

(54) Pyroglutamate salts and their use in the optical resolution of intermediates for the synthesis of dextrocetirizine and levocetirizine

(86) PCT/EP2006/001676 (87) WO2006/094648

(51) IPC2009.01: C07D295/088; C07D207/28

(71) UCB Farchim SA.

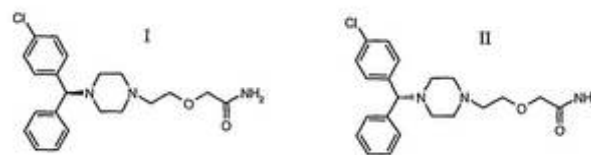
(72) Palacio, Magali; Ates, Celal;

(31) 05 05004653 (32) 3 Mar 2005 (33) EP

(74) BALDWINS INTELLECTUAL PROPERTY, Level 14, Baldwins Centre, 342 Lambton Quay, Wellington 6011, New Zealand

(57) The disclosure relates to (S)-2-[4-(4-chlorobenzhydryl)piperazin-1-yl]-ethoxyacetamide-(S)-pyrrolidone-5-carboxylic acid salt; (R)-2-[4-(4-chlorobenzhydryl)piperazin-1-yl]-ethoxyacetamide-(S)-pyrrolidone-5-carboxylic acid salt; (S)-2-[4-(4-chlorobenzhydryl)piperazin-1-yl]-ethoxyacetamide-(R)-pyrrolidone-5-carboxylic acid salt; or (R)-2-[4-(4-chlorobenzhydryl)piperazin-1-yl]-ethoxyacetamide-(R)-pyrrolidone-5-car-

boxylic salt. The disclosure also relates to a process for preparing (S)-2-[4-(4-chlorobenzhydryl)piperazin-1-yl]-ethoxyacetamide (I) and (R)-2-[4-(4-chlorobenzhydryl)piperazin-1-yl]-ethoxyacetamide (II) by chemical resolution of a mixture. These compounds are respectively intermediates for the synthesis of dextrocetirizine and levocetirizine.



(21) 556650 (22) 23 Dec 2005

(54) Reducing by-catch of seabirds

(86) PCT/AU2005/001973 (87) WO2006/066360

(51) IPC2009.01: A01K83/00; A01K91/18; A01K97/00

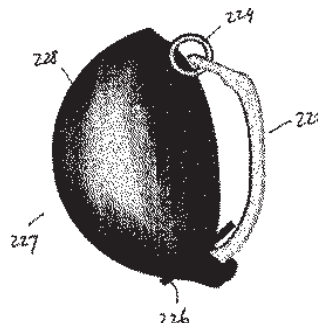
(71) Huna Holdings Pty Ltd on behalf of HJ Family Trust

(72) Jusseit, Hanfried;

(31) 04 7324 (32) 24 Dec 2004 (33) AU

(74) CULLEN & CO., Level 32, 239 George Street, Brisbane, QLD 4001, Australia

(57) An apparatus for reducing by-catch of seabirds or turtles during fishing include a fish hook (220) and a barrier or shield (227) mounted in a position relative to the fish hook (220) such that the barrier (227) reduces or prevents hooking of a seabird or turtle by the fish hook or ingestion of the hook by a seabird or turtle. The apparatus includes a degradable component (226) that degrades when placed in water such that when the degradable component degrades the barrier moves away from the position relative to the fish hook or no longer exists to allow the fish hook to be taken by a fish. The degradable component (226) may be a retaining means or a mounting means. The degradable component may form part of, or all of, the barrier.



(21) 556663 (22) 10 Jan 2006

(54) Mower with an unfolding and folding device that includes a tilting element, a link rod, and a hydraulic jack

(86) PCT/FR2006/050009 (87) WO2006/079735

(51) IPC2009.01: A01D34/66,82

(71) KUHN S.A.

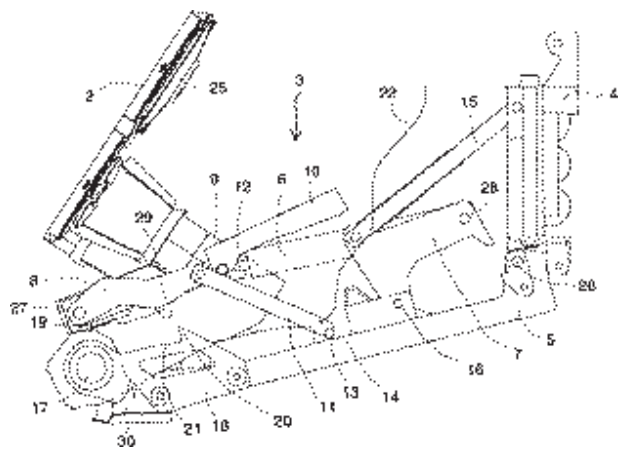
(72) Wolff, Michel;

(31) 05 0550219 (32) 26 Jan 2005 (33) FR

(74) CALLINANS, 1193 Toorak Road, Camberwell, Victoria 3124, Australia

(57) A mower is disclosed that can be coupled to a tractor and can be brought into a work configuration, a manoeuvring configuration, and at least one transport configuration using an unfolding and folding device (3). The mower has a supporting structure (4) that can be coupled to the tractor and which bears a support beam (5) to which there is articulated a cutter bar (2). The unfolding and folding device comprises: a tilting element (7) articulated to the support beam and connected to the supporting structure via an articulated support; a link rod (8) articulated to the cutter bar; a double acting hydraulic jack (6) having a piston and

being positioned between the tilting element and the link rod; a safety arm configured to block a movement of the link rod in the manoeuvring configuration; and a protector configured to block a movement of the piston in the manoeuvring configuration.



(21) 556677 (22) 24 Jul 2007

(54) Quadrupled animal harness

(86) PCT/AU2005/001957 (87) WO2006/066348

(51) IPC2009.01: B68B1/00; A01K15/02

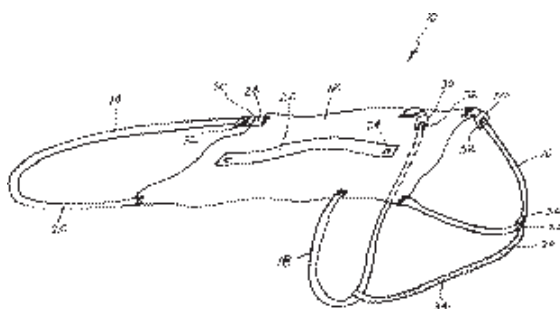
(71) Timothy William Forster

(72) Forster, Timothy William;

(31) 04 7344 (32) 24 Dec 2004 (33) AU

(74) George Griziotis, P.O. Box 321, Moorebank, NSW 2170, Australia

(57) A quadruped animal harness (10) has a back pad (12) adapted to be supported at a predetermined position on the back of the quadruped animal. There is also a rump strap (14) connected to a rear end of the pad and adapted to extend around the rump of the quadruped animal, a chest strap (16) connected to a front end of the pad and adapted to extend around the chest of the quadruped animal, a girth strap (18) connected to opposed sides of the pad and adapted to extend around the girth of the quadruped animal, and a connector strap (20) interconnecting the chest strap to the girth strap. A handle (22) is connected to the back pad. In use, the back pad is maintained at the predetermined position by the arrangement of the straps so as to enable a person to control and manipulate the quadruped animal when gripping the handle.



(21) 556678 (22) 4 Jan 2006

(54) A composite masonry building block

(86) PCT/AU2006/000001 (87) WO2006/072130

(51) IPC2009.01: E04C1/40

(71) BENEX TECHNOLOGIES PTY LTD

(72) Bennett, Kerry Robert;

(31) 05 0005 (32) 4 Jan 2005 (33) AU

(74) COLLISON & CO, 117 King William Street, Adelaide, South Australia 5001, Australia

(57) A composite masonry building block (1) that has an inner core (20) of lighter density than an outer face and includes upper most protrusions (4) and matching lowermost cavities (5) to have an interlocking arrangement with other like blocks. Also disclosed is an inner lighter density material which includes an expanded plastic such as polystyrene with a cement binder. The arrangement of the protrusions (4) in relation to the upper surface (2) and the arrangement of cavities (5) in relation to lower surface are such that the protrusions (4) will locate within and interlock with the consistently aligned and placed cavities of the adjacent block.

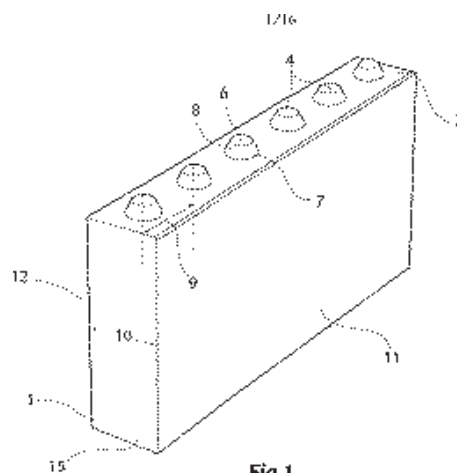


Fig 1

(21) 556712 (22) 19 Oct 2005

(54) Lid for a drink container for accommodating an infusion drink

(86) PCT/EP2005/011212 (87) WO2006/084486

(51) IPC2009.01: B65D85/812; B65D51/24

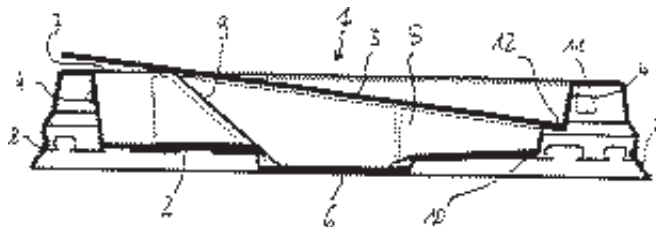
(71) Halssen & Lyon GmbH

(72) Burchard, Jorn;

(31) 05 05002924 (32) 11 Feb 2005 (33) EP

(74) F B RICE & CO, Level 23, 44 Market Street, Sydney, New South Wales 2000, Australia

(57) Lid 1 for a beverage container for holding a decoction beverage, preferably for a disposable tea container with a base plate 2 and a cover arranged at a distance from the base plate 2, a holding space 5 being formed between the base plate 2 and covering 3, bounded on the side by a circumferential side wall 4, a first opening 6 being provided in the base plate 2 through which a decoction unit containing a decoction material can be guided and a second opening 7 smaller than the first opening 6 being formed in the cover or in the region of the cover, through which a section of the decoction unit can be guided, the holding space 5 being of such dimensions as to hold at least part of the decoction unit.



(21) 556730 (22) 21 Feb 2006

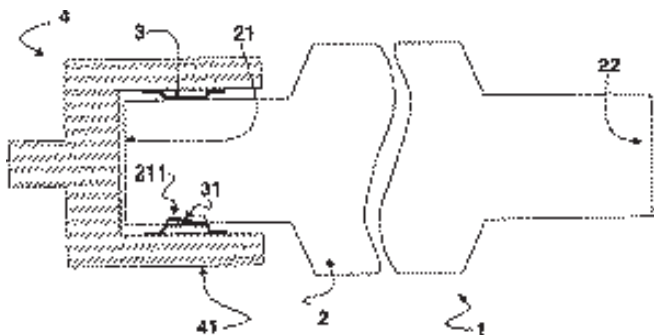
(54) Ceramic conveyor roll with metal end caps and its assembly

(86) PCT/EP2006/001563 (87) WO2006/089716

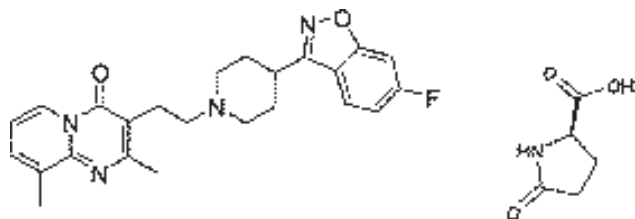
(51) IPC2009.01: F27D3/02; B65G39/02; F16D1/08

(71) VESUVIUS CRUCIBLE COMPANY

(72) Gautier, David; Flamme, Arnaud;
(31) 05 05447040 (32) 22 Feb 2005 (33) EP
(74) FISHER ADAMS KELLY, Level 29, Comalco Place, 12 Creek Street, Brisbane, Queensland 4000, Australia
(57) Conveyor rolls used in high temperature applications, and an end cap assembly for such rolls. The conveyor roll (1) comprises a) a ceramic spool (2), b) at each end (21, 22) of the ceramic spool (2), an end cap (4) comprising a metal ferrule (41) and having a certain internal circumference adapted to fit over an end (21) of the ceramic spool; and c) interposed between each end of the ceramic spool and the end cap an open tolerance ring (3) of resilient metal having a plurality of circumferentially arranged corrugations. This conveyor roll can resist temporary overhear or blockage without damages.



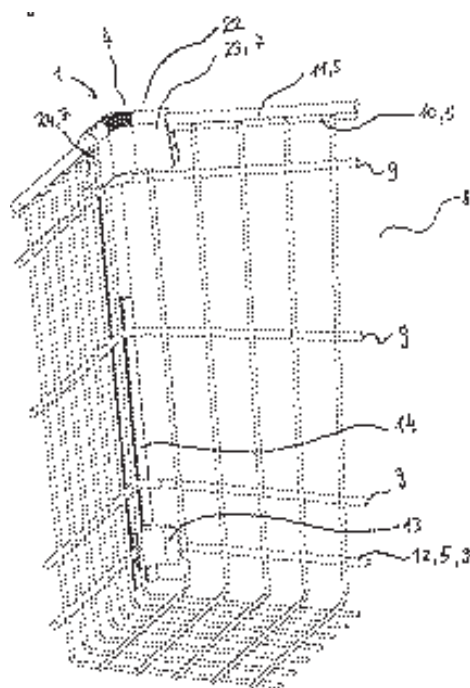
(21) 556748 (22) 24 Feb 2006
(54) Ocaperidone salts and pharmaceutical compositions containing the same
(86) PCT/IB2006/000688 (87) WO2006/090285
(51) IPC2009.01: C07D471/04; A61K31/519
(71) JANSSEN PHARMACEUTICA N.V.
(72) Biondi, Stefano; Bemailly, Arnold; Mondadori, Cesare; Paparin, Jean-Laurent;
(31) 05 05290428 (32) 24 Feb 2005 (33) EP
(74) BALDWINS INTELLECTUAL PROPERTY, Level 14, Baldwins Centre, 342 Lambton Quay, Wellington 6011, New Zealand
(57) Disclosed is a salt of ocaperidone, wherein it presents an acid moiety selected from pyroglutamic acid, N-(2-carboxyphenyl)-glycine acid, diglycolic acid, orotic acid, galactaric acid, nicotinic acid and hippuric acid (see e.g. figure 1) and a method for preparing it.



(21) 556775 (22) 28 Dec 2005
(54) Controlled release complex formulation for oral, administration of medicine for diabetes and method for the preparation thereof
(86) PCT/KR2005/004609 (87) WO2006/071078
(51) IPC2009.01: A61K9/22
(71) HANMI PHARM. CO., LTD.
(72) Woo, Jong Soo; Yi, Hong Gi; Chi, Moon Hyuk; Kim, Young Hun;
(31) 04 0117781 (32) 31 Dec 2004 (33) KR
(74) A J PARK, 6th Floor, Huddart Parker Building, 1 Post Office Square, Wellington 6011, New Zealand
(57) Disclosed is a controlled release combination formulation for oral administration comprising a) a controlled release portion containing metformin or a pharmaceutically acceptable salt thereof as an active

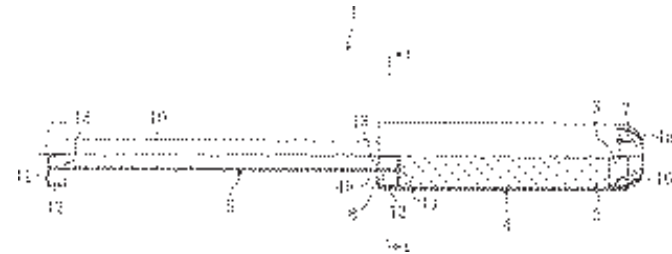
ingredient, and a carrier for controlled release consisting of a polyethylene oxide and a natural gum; b) an inner coating portion coated on the surface of the controlled release portion; and c) a rapid-release portion coated on the inner coating portion containing a sulfonylurea-based antidiabetic medicine as an active ingredient and a stabilizer.

(21) 556794 (22) 20 Jan 2006
(54) Corner protector for a shopping basket
(86) PCT/DE2006/000084 (87) WO2006/086938
(51) IPC2009.01: B62B5/00
(71) Wanzl Metallwarenfabrik GmbH
(72) Knupfer, Robert; Scheffler, Hans;
(31) 05 05006710 (32) 15 Feb 2005 (33) DE
(74) JAMES & WELLS, Level 12, KPMG Centre, 85 Alexandra Street, Hamilton, New Zealand
(57) A corner protector 1 with fastening means 7 for attachment to a vertical corner edge 4 of a basket 8 which is manufactured from lattice bars 5 and forms part of a shopping trolley, wherein transversely extending bars 9 are arranged on the basket 8, characterised in that part of the fastening means 7 is formed by a locking piece 13 which is vertically adjustably arranged in at least one guide 14 provided on the corner protector 1 and which is intended to be fastened to one of the transversely extending bars 9.



(21) 560281 (22) 18 Jan 2005
(54) Corpse treatment device
(86) PCT/JP2005/000512 (87) WO2006/077617
(51) IPC2009.01: A01N1/00; A61G17/00
(71) Risa Nishihara
(72) Okamoto, Toshiki;
(74) F B RICE & CO, Level 23, 44 Market Street, Sydney, New South Wales 2000, Australia
(57) A corpse treatment device is disclosed. The corpse treatment device comprises a water-absorbing column which expands as it absorbs water, a separate water-absorbing agent, a guide member, a closing member, and a rod shaped push member. The guide member is cylindrical and has openings at first and second ends. The push member is in-

serted through the opening in the second end of the guide member, and is able to, in use, push the column and the water-absorbing agent out of the first end of the guide member and into a body cavity. The corpse treatment device is configured so that the column pushed through the opening of the guide member into the body cavity absorbs water in internal contents in the body cavity to expand until plugging the cavity and the water-absorbing agent absorbs water in the internal contents, thereby preventing the internal contents from leaking out of the cavity.



- (21) 560329 (22) 7 Feb 2006
 (54) Anomaly detector for pipelines
 (86) PCT/CA2006/000146 (87) WO2006/081671
 (51) IPC2009.01: F16L55/40; G01M3/24; G01N27/82
 (71) Pure Technologies Limited
 (72) Paulson, Peter O;
 (31) 05 05496150 (32) 7 Feb 2005 (33) CA
 (74) PIPERS, Level 1, 5A Pacific Rise, Mt Wellington, Auckland, New Zealand
 (57) A tether-free sensor unit of spherical or ellipsoidal shape with no motorized propelling means is disclosed. The sensor unit is for inspecting a pipeline which contains a moving liquid, and it comprises a package containing a sensor selected from at least one magnetic sensor and at least one accelerometer, and recording means for recording data sensed. The sensor unit is of greater density than the density of the liquid in the pipeline to be inspected, and is adapted to roll along the bottom of the pipeline to be inspected.

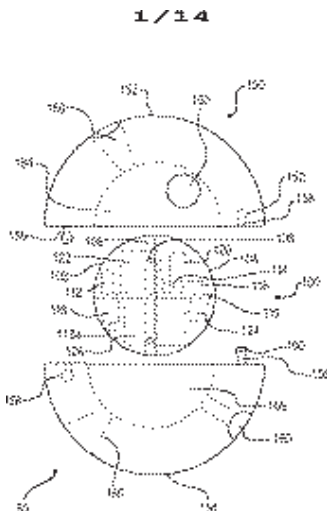


Fig. 1

- (21) 560332 (22) 2 Aug 2007 (23) 4 Aug 2008
 (54) Variable thermal output cogeneration system
 (51) IPC2009.01: F01B23/10; F02G5/02; F02M21/04
 (71) WHISPER TECH LIMITED

- (72) Chokardell, Florin Silviu Gabriel;
 (74) A J PARK, 6th Floor, Huddart Parker Building, 1 Post Office Square, Wellington 6011, New Zealand
 (57) A cogeneration system includes an external combustion engine which has a burner (2); a generator (1); a heat exchanger (10); a fan (5); a fuel valve (6); and an electronic control system (11). The burner (2) supplies heat to the generator (1) to produce power. When a demand for more heat is given the control system (11) uses the fan (5) and the fuel valve (6) to increase the rate of air and fuel to the burner so that the extra heat produced is proportionally greater than the increase in power. The extra heat is provided by the heat exchanger (10) recovering extra exhaust gases.

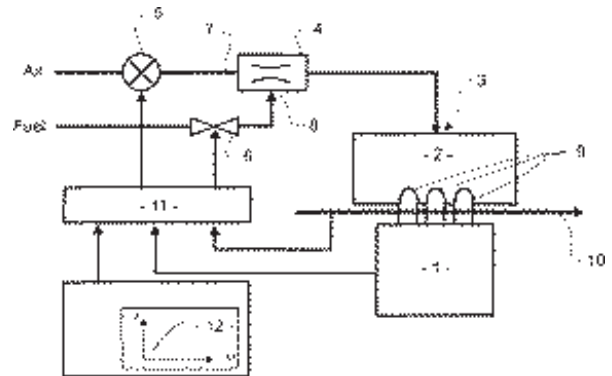
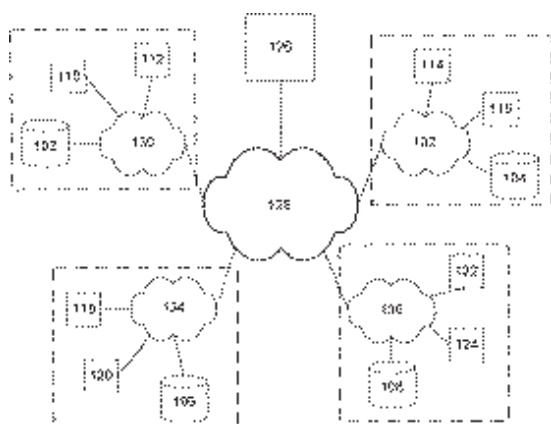


FIGURE 1

- (21) 560377 (22) 3 Feb 2006
 (54) System and method for evaluating initiatives adapted to deliver value to a customer
 (86) PCT/AU2006/000137 (87) WO2006/081624
 (51) IPC2009.01: G06Q10/00
 (71) BP Australia Pty Ltd
 (72) Weller, Andrew; Delany, James Anthony;
 (31) 05 900514 (32) 4 Feb 2005 (33) AU
 (74) DAVIES COLLISON CAVE - MELBOURNE, 1 Nicholson Street, Melbourne, Victoria, Australia
 (57) A value data system including a database component and a user interface component is provided. The database component includes initiative data representing at least one initiative, adapted to deliver value to a customer of an organisation; risk data associated with the initiative data, representing risks corresponding to the at least one initiative; task data associated with the initiative data, representing tasks to be performed to perform the initiative, including risk mitigation tasks for mitigating the risks; and value data associated with the initiative data, representing values delivered to the customer as a result of performing the at least one initiative. The user interface component is used for defining the initiative data, the risk data, the task data, the value data and the associations between them; and defining value data representing values delivered to the customer as a result of performing the initiative.



(21) 560448 (22) 16 Feb 2006

(54) Boron-containing small molecules

(86) PCT/US2006/005542 (87) WO2006/089067

(51) IPC2009.01: A61K31/343; C07D307/77

(71) ANACOR PHARMACEUTICALS, INC.

(72) Baker, Stephen J; Akama, Tsutomu; Bellinger-Kawahara, Carolyn; Hernandez, Vincent S; Hold, Karin M; Leyden, James J; Maples, Kirk R; Plattner, Jacob J; Sanders, Virginia; Zhang, Yong-Kang;

(31) 05 654060 (32) 16 Feb 2005 (33) US

(74) A J PARK, 6th Floor, Huddart Parker Building, 1 Post Office Square, Wellington 6011, New Zealand

(57) A method of treating an infection in a non-human animal is disclosed, wherein the method comprises administering to the animal a therapeutically effective amount of 1,3-dihydro-5-fluoro-1-hydroxy-2,1-benzoxaborole, or a pharmaceutically acceptable salt thereof sufficient to treat said infection. Also disclosed is a pharmaceutical composition, comprising: (a) 1,3-dihydro-5-fluoro-1-hydroxy-2,1-benzoxaborole, or a salt thereof; and (b) a pharmaceutically acceptable excipient, wherein said pharmaceutical composition is formulated for topical administration to an animal suffering from an infection by a microorganism.

Divisional filed as 578297

(21) 560472 (22) 8 Aug 2007

(54) Lift belt with longitudinal wedge shaped ribs to engage the pulley and separated tensile carriers

(51) IPC2009.01: B66B7/06; B66B11/00; D07B1/22,16

(71) INVENTIO AG

(72) Ach, Ernst;

(31) 06 061271219 (32) 22 Dec 2006 (33) EP

(31) 06 061188165 (32) 11 Aug 2006 (33) EP

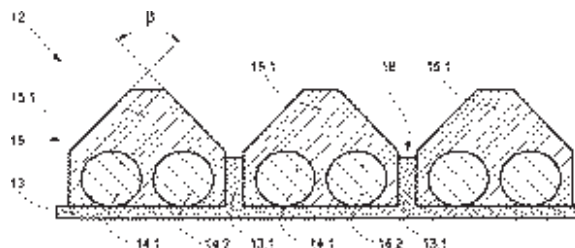
(31) 06 061188199 (32) 11 Aug 2006 (33) EP

(31) 06 061188249 (32) 11 Aug 2006 (33) EP

(31) 06 061188173 (32) 11 Aug 2006 (33) EP

(74) HENRY HUGHES, 119-125 Willis Street, Wellington, New Zealand

(57) Lift belt (12) for a lift installation is disclosed. The belt (12) has a wedge rib (15) arrangement with at least two wedge ribs (15.1) which extend in longitudinal direction of the lift belt (12) and which form a contact side for engagement with a drive wheel of the lift installation. A tensile carrier arrangement with at least two tensile carriers (14.1) is arranged in two mutually adjacent wedge ribs (15.1) of the wedge rib arrangement (15). A back layer (13) which forms a rear side and is opposite the contact side of the lift belt forms a flat profile. At least one web (13.1) is formed integrally with the back layer (13) and projects from the back layer (13) into the wedge rib arrangement (15) towards the contact side and separates the tensile carriers (14.1) by material of the wedge rib arrangement (15).



(21) 560605 (22) 19 Jan 2006

(54) Curtain locking system, typically for truck or trailer, with latching of free hanging hook(s)

(86) PCT/AU2006/000066 (87) WO2006/089347

(51) IPC2009.01: B60P7/04; B60J7/10

(71) Transking Corporation Pty Limited

(72) King, Lindsay Alexander;

(31) 05 900279 (32) 24 Jan 2005 (33) AU

(74) SPRUSON & FERGUSON, GPO Box 3898, Sydney, NSW, 2001, Australia

(57) The curtain locking mechanism (10) includes a hook (12) and latch assembly (14). The mechanism (10) is adapted for installation below the base (16) of a truck or trailer. The latch assembly (14) comprises a drive means (18) in the form of a pneumatic ram, adapted to pivot a shaft (20). The ram (18) is pivotally connected to a lever arm (22) of the shaft (20). The latch assembly (14) further comprises a crank (24) on the shaft (20) adjacent the hook (12). The hook (12) is attached to the curtain (26) by means of a length adjustment device (28) and a curtain strap (30). The curtain strap (30) is attached at one end to the curtain (26), such as by welding or stitching, and attached to the hook (12) at the other end via the adjustment device (28). In use, the latch assembly (14) can be moved between a locked configuration and an unlocked configuration. In the locked configuration, the latch assembly (14) engages the hook (12). In the unlocked configuration, the latch assembly (14) is disengaged from the hook (12).

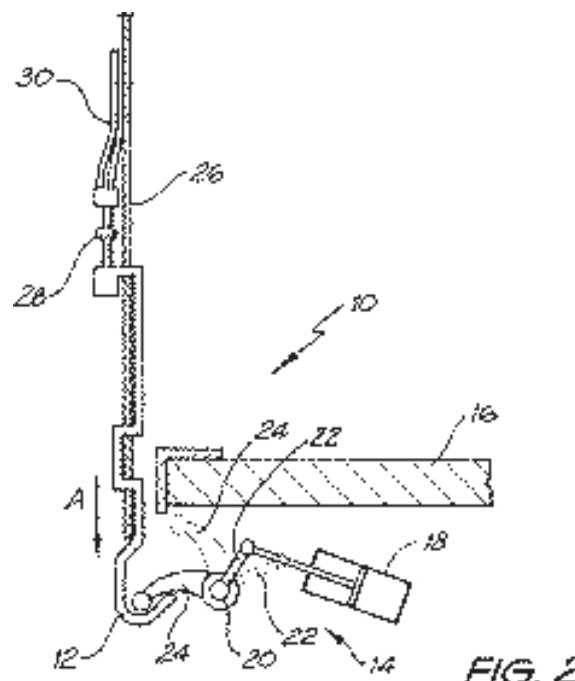


FIG. 2

(21) 560610 (22) 28 Feb 2005

(54) External plaster containing flurbiprofen

(86) PCT/JP2005/003280 (87) WO2006/092829

(51) IPC2009.01: A61K31/192; A61K47/32,44; A61K9/70; A61P19/00; A61P29/00

(71) TEIKOKU SEIYAKU CO., LTD.

(72) Yamaji, Masahiro; Sugawara, Takaya;

(74) PHILLIPS ORMONDE FITZPATRICK, 367 Collins Street, Melbourne, Victoria 3000, Australia

(57) Disclosed is a flurbiprofen containing plaster for external use which allows the long-term release of the contained flurbiprofen, and possesses excellent stability and a very high drug releasing property, wherein the plaster has an adhesive layer which is laminated on a backing, wherein the adhesive layer contains 5 to 50% by weight of a styrene-isoprene-styrene block copolymer (SIS), 20 to 70% by weight of a tackifying resin (such as a rosin-based resin), and 5 to 60% by weight of a softener (such as a liquid paraffin) which are essential ingredients, and further contains flurbiprofen blended as an active ingredient, and wherein a blending amount of the tackifying resin with respect to flurbiprofen is 10 times or more by weight ratio.

(21) 560616 (22) 15 Feb 2006

(54) Dispensing spigot

(86) PCT/AU2006/000191 (87) WO2006/086835

(51) IPC2009.01: B65D47/08,20; B65D77/06

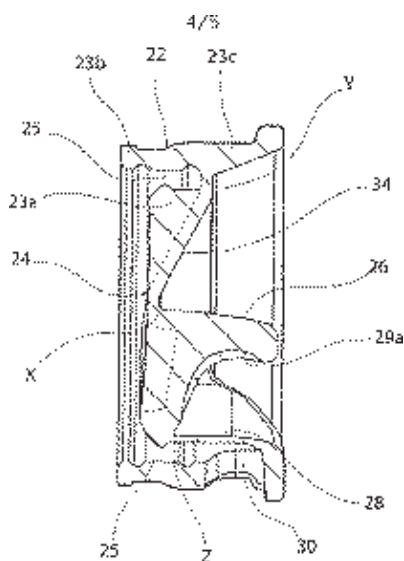
(71) Scholle Corporation

(72) Loscher, Alina;

(31) 05 900707 (32) 15 Feb 2005 (33) AU

(74) PHILLIPS ORMONDE FITZPATRICK, 367 Collins Street, Melbourne, Victoria 3000, Australia

(57) A dispensing spigot (16) for a fluid container having a spout (14), the spigot including a peripheral wall (22) adapted to fit within and seal against the spout (14), and a transverse wall (24) for closing off the spigot (16). The spigot (16) also includes a toggle member (26) extending forward of the transverse wall (24). The transverse wall (24) includes a radial portion (32) and a portion (34) radially inclined forward of the radial portion, and the toggle member (26) occupies the radial portion (32) such that the toggle member (26), when manipulated by a user, pivots at the juncture of the radial portion (32) with the inclined portion (34), the juncture being at about the horizontal centre-line of the transverse wall (24), to distort the transverse wall (24) and a front portion (28) of the peripheral wall (22) to permit dispensing of the fluid from within the container.



(21) 560640 (22) 1 May 2002

(54) Defensin (DEF) polypeptide from a Lolium species

(51) IPC2009.01: C12N15/29; C07K14/415,43; A01H5/00

(71) Agriculture Victoria Services Pty Ltd

(72) Spangenberg, German; Sawbridge, Timothy Ivor; Ong, Eng Kok; Emmerling, Michael;

(31) 01 4735 (32) 2 May 2001 (33) AU

(74) Freehills Patent & Trade Mark Attorneys, Level 43, 101 Collins Street, Melbourne, Victoria 3000, Australia

(57) Provided is a substantially purified or isolated nucleic acid or nucleic acid fragment or their variants encoding a defensin (DEF) polypeptide from a Lolium species. Further provided are corresponding polypeptides and plants comprising a vector with the claimed nucleic acid and methods of modifying disease and/or pest resistance of plants by introducing claimed nucleic acids to said plants.

Divisional filed as 574972

(21) 560790 (22) 17 Feb 2006

(54) (1,5-diphenyl-1H-pyrazol-3-yl)oxadiazole derivatives, preparation method thereof and use of same in therapeutics

(86) PCT/FR2006/000368 (87) WO2006/087480

(51) IPC2009.01: C07D413/04; A61K31/415,4155; A61P1/00; C07D231/04

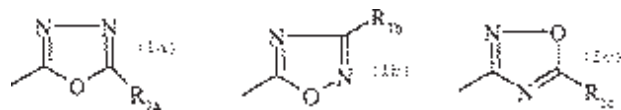
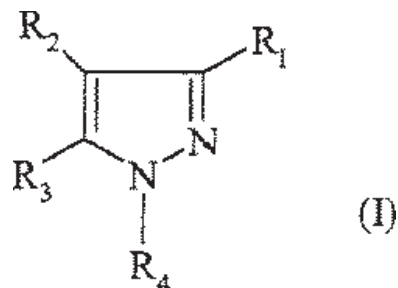
(71) sanofi-aventis

(72) Barth, Francis; Congy, Christian; Gueule, Patrick; Rinaldi-Carmona, Murielle; Van Broeck, Didier;

(31) 05 0501860 (32) 21 Feb 2005 (33) FR

(74) A J PARK, 6th Floor, Huddart Parker Building, 1 Post Office Square, Wellington 6011, New Zealand

(57) Disclosed is a compound of formula (I), wherein R1 represents a heterocyclic radical chosen from (Ia), (Ib) or (Ic) and the other substituents are as defined in the specification, and processes for their preparation. The compounds possess antagonist properties for CB1 and are useful in the treatment of diseases involving CB1 cannabinoid receptors, e.g. psychiatric disorders, disorders of appetite and alcohol or nicotine dependence.



(21) 560821 (22) 2 Mar 2006

(54) Reverse progeny mapping

(86) PCT/EP2006/002096 (87) WO2006/094774

(51) IPC2009.01: A01H1/00,04

(71) Rijk Zwaan Zaadteelt en Zaadhandel B.V.

(72) Dirks, Robert Helene Ghislain; Schut, Johannes Wilhelmus;

(31) 05 05075519 (32) 3 Mar 2005 (33) EP

(31) 06 06075041 (32) 6 Jan 2006 (33) EP

(74) BALDWINS INTELLECTUAL PROPERTY, Level 14, Baldwins Centre, 342 Lambton Quay, Wellington 6011, New Zealand

(57) Disclosed is a method for mapping traits in plants, comprising the steps of: a) providing a population of SDR-0 plants, that each arise from one member of a population of unreduced cells resulting from second division restitution, in particular a population of unreduced spores; b)

producing SDR-1 progeny populations of each of these SDR-0 plants; c) phenotyping the SDR-1 progeny populations to identify segregating traits within each SDR-1 progeny population; d) if segregating progeny is present in a SDR-1 progeny population genotyping the corresponding SDR-0 organism and comparing the genotype thereof with the genotype of the other SDR-0 plants to identify heterozygous chromosomal regions associated with the occurrence of the segregating trait identified in the said SDR-1 progeny population.

Divisional filed as 578640

(21) 561142 (22) 27 Jan 2006

(54) High-power ultrasonic horn

(86) PCT/US2006/003212 (87) WO2006/091337

(51) IPC2009.01: B01J19/10; G10K11/00

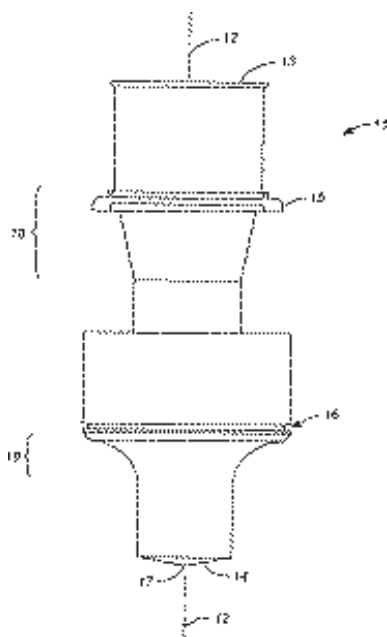
(71) SULPHCO, INC.

(72) Gunnerman, Rudolf W;

(31) 66766 (32) 24 Feb 2005 (33) US

(74) A J PARK, 6th Floor, Huddart Parker Building, 1 Post Office Square, Wellington 6011, New Zealand

(57) An ultrasonic horn (11) for use in a chemical reactor is formed as a unitary piece of material whose length is approximately equal to the wavelength of ultrasonic waves through the material at a selected ultrasonic frequency. The horn has a conically shaped distal end (14) and a mounting surface at its proximal end (13), plus a mounting fixture between the proximal and distal ends for mounting the horn to a flow-through reactor with the distal end protruding into the reactor interior while the proximal end extends outside the reactor. The horn further contains a seal between the proximal and distal ends to seal the horn to the interior of a reaction vessel in a fluid-tight manner. With the unitary construction and the conical distal end, the horn is capable of transmitting high power ultrasonic waves to the reactor interior without damage to the horn or its mounting fixtures.



(21) 561161 (22) 4 Sep 2007

(54) Resealable closure with package integrity feature

(51) IPC2009.01: B65D65/00,26; B65D75/28; B65D17/34; B65D50/00

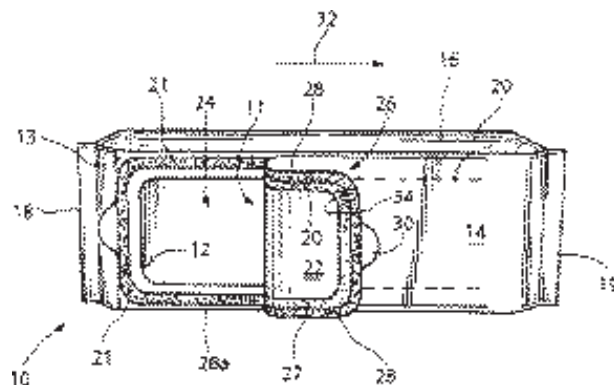
(71) Kraft Foods Global Brands LLC

(72) Sierra-Gomez, Gladys Odette; Exner, Ron; Dagestad, Olav; Gracia-Lugo, Alexis Julian;

(31) 06 616386 (32) 27 Dec 2006 (33) US

(74) BALDWINS INTELLECTUAL PROPERTY, Level 14, Baldwins Centre, 342 Lambton Quay, Wellington 6011, New Zealand

(57) A resealable package integrity closure (11) includes a film layer (13) forming a top of container (10) and having a flap (22) defining an access opening to gain access to the contents of the container. A sealing panel (26) completely covers the flap of the film layer. A releasable adhesive (27) is provided on either or both the film layer (13) and the sealing panel for adhering the sealing panel to the film layer. The sealing panel is releasable from the film layer by pulling the sealing panel back in a peeling direction and reclosable against the top to seal the access opening when the sealing panel is moved back against the top. A coating of transferable material (28) is provided on either the sealing panel or on the film layer, which is transferable therebetween, respectively, when the sealing panel is pulled back from the film layer for a first time, at least a portion of the coating being visually exposed beyond the perimeter of the sealing panel after reclosing to provide a visual indication that the closure has been previously opened.



(21) 561244 (22) 10 Feb 2006

(54) Process for preparing 2,3-disubstituted indoles

(86) PCT/US2006/004776 (87) WO2006/086657

(51) IPC2009.01: C07D403/04; C07D209/08,10,12; C07D401/04; C07D409/04

(71) Boehringer Ingelheim International GmbH

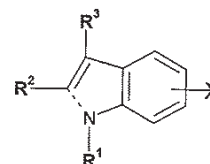
(72) Khodabocus, Ahmad; Lu, Zhi-Hui; Senanayake, Chris Hugh; Wei, Hanxun; Zhang, Yongda;

(31) 05 652072 (32) 11 Feb 2005 (33) US

(74) BALDWINS INTELLECTUAL PROPERTY, Level 14, Baldwins Centre, 342 Lambton Quay, Wellington 6011, New Zealand

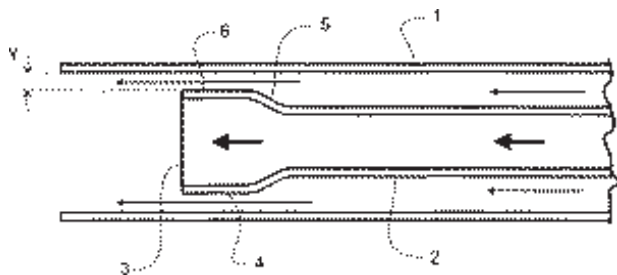
(57) Disclosed is a process for making 2, 3 disubstituted indole compounds of general formula (I), which comprises which comprises the steps of: (a) forming a compound of formula (ii) from a bromoindole compound (i), either by reaction thereof with a dialkoxyl C1-5 borane in the presence of a ligand, a palladium catalyst and a base, or by reaction thereof with a trialkyl magnesiate reagent, followed by treatment with a borate; and (b) reacting the product of step (a) with a R2-Hal, wherein Hal is Br or I, and all the other variables are as defined in the specification.

Divisional filed as 578614



I

(21) 562421 (22) 11 Oct 2007 (23) 19 Sep 2008
 (54) Venturi mixing apparatus and procedures in a sewage treatment plant
 (51) IPC2009.01: B01F5/00; C02F1/00; C02F3/00; C02F1/74
 (71) WAIPAPA TANKS & WASTE TREATMENT SYSTEMS LIMITED
 (72) Gigger, Murray Terrance;
 (74) A J PARK, 6th Floor, Huddart Parker Building, 1 Post Office Square, Wellington 6011, New Zealand
 (57) In a sewerage treatment plant, a venturi fluid mixing arrangement of two pipes 1 2 each of a nominal diameter, one pipe 2 being inside the other 1, where the inner pipe 2 of smaller nominal diameter ducts a first fluid and an annulus about the inner pipe 2 and within the larger nominal diameter pipe 1 ducts a second fluid in the same direction as the first fluid; wherein the inner pipe 2 has an outlet end region of greater diameter than its nominal pipe diameter to constrict the annulus.



(21) 562426 (22) 1 Jun 2005
 (54) Personal care compositions comprising silicone resins with enhanced properties, method of manufacture, and method of use thereof
 (86) PCT/US2005/019096 (87) WO2006/112865
 (51) IPC2009.01: A61K7/40, 42, 48, 06; C08G77/50; C08L83/04
 (71) Momentive Performance Materials Inc.
 (72) Rojas-Wahl, Roy U; Kuo, An-Li; Rajaraman, Suresh K;
 (31) 05 105750 (32) 14 Apr 2005 (33) US
 (74) FISHER ADAMS KELLY, Level 29, Comalco Place, 12 Creek Street, Brisbane, Queensland 4000, Australia
 (57) Disclosed is a personal care composition comprising:
 (i) at least one silicone resin selected from the group consisting of the generic formulae: MQ, wherein the ratio of M to Q is about from 0.01/1 to about 3.96/1; MxDyTz, wherein x is about 0.01 to about 3,900,000, y is about 0.035 to about 10,000,000, z is about 0.35 to about 8,000,000; TD, wherein the ratio of T to D is about 0.001/1 to about 73/1; wherein: M is of the formula R1aR2bR3cSiO₄/2 wherein each R1 and R2 is independently the same or different monovalent hydrocarbon radical having 1 to about 60 carbon atoms, a hydroxyl, or a halogen; R3 is a hydroxyl, a halogen, or a monovalent hydrocarbon radical having 1 to about 90 carbon atoms, optionally with a heteroatom; and a = 1, 2, or 3; b = 0, 1, or 2; c = 0, 1, or 2; subject to the limitation that a + b + c = 3; Q is of the generic formula SiO₄/2; T is of the formula R4SiO₃/2 wherein each R4 is independently a hydroxyl, a halogen, or a monovalent hydrocarbon radical having 1 to about 60 carbon atoms, optionally with heteroatoms; D is of the formula R5R6SiO₂/2, wherein each R5 and R6 is independently a hydroxyl, a halogen, or a monovalent hydrocarbon radical having 1 to about 60 carbon atoms, optionally with heteroatoms;
 (ii) at least one sunscreensing agent; and (iii) a trisnioxane spreader, wherein the combination of the at least one resin and spreader is present in an amount effective to increase the SPF of the formulation at least about 10% over the same formulation without the combination of the at least one resin and spreader. The silicone resins are easily formulated, provide a unique non-tacky sensory experience and exhibit advantageous spreadability while permitting the introduction of additional functional benefits such as homogeneity, better organic compatibility, reduced skin irritation and improved skin feel or shine.

(21) 562480 (22) 28 Oct 2003
 (54) Stabilized, solid-state polypeptide particles
 (51) IPC2009.01: A61K9/00
 (71) ALZA CORPORATION
 (72) Bentz, Johanna; Kang, Ling-Ling;

(31) 02 422289 (32) 29 Oct 2002 (33) US
 (74) A J PARK, 6th Floor, Huddart Parker Building, 1 Post Office Square, Wellington 6011, New Zealand
 (57) Provided are stabilized polypeptide particles comprising a polypeptide selected from the pituitary adenylate cyclase polypeptide/glucagon superfamily and a stabilizing agent comprising one or more metal ions selected from the group consisting of Ca²⁺, Mg²⁺ and Zn²⁺, the polypeptide particles being formulated to exhibit an acidic reconstitution pH.
 (62) Divided Out of 539811

(21) 562856 (22) 1 May 2006
 (54) Devices, systems and methods for isometric and isotonic contraction of blood vessels using an isovolumic myograph
 (86) PCT/US2006/016523 (87) WO2006/119143
 (51) IPC2009.01: A61B5/00
 (71) Ghassan S Kassab; Xiao Lu
 (72) Kassab, Ghassan S; Lu, Xiao;
 (31) 05 675908 (32) 29 Apr 2005 (33) US
 (74) SPRUSON & FERGUSON, GPO Box 3898, Sydney, NSW, 2001, Australia
 (57) Disclosed is a device for determining the vasoactivity of a blood vessel, the device comprising: a pair of conduits for positioning at either end of a blood vessel, wherein each conduit in use forms a fluid seal with the lumen of the blood vessel; a pair of retaining walls that retain the blood vessel in a predetermined length; a pressure transducer capable of measuring vasoactivity of the blood vessel, the pressure transducer in communication with one of the conduits; and wherein in use any vasoactivity of the blood vessel is influenced by pressure fluctuations in the lumen of the blood vessel as measured by the pressure transducer while the blood vessel is maintained in the predetermined length by the retaining walls.

(21) 562962 (22) 21 Jun 2002
 (54) Carbon monoxide improves outcomes in tissue and organ transplants and suppresses apoptosis
 (51) IPC2009.01: C12N5/00; A61K33/00
 (71) Fritz H Bach; Edda M Tobiasch; Miguel C Soares; Leo E Otterbein; Jeanne Gose
 (72) Bach, Fritz H; Tobiasch, Edda M; Soares, Miguel C; Gose, Jeanne; Otterbein, Leo E;
 (31) 01 300289 (32) 21 Jun 2001 (33) US
 (31) 01 334340 (32) 29 Nov 2001 (33) US
 (31) 01 337974 (32) 7 Dec 2001 (33) US
 (74) J.D. Hardie & Co, 14th Floor, 48 Emily Place, Auckland, New Zealand
 (57) Disclosed is the use of carbon monoxide in the manufacture of a pharmaceutical composition for the treatment of chronic rejection in a patient undergoing or about to undergo chronic rejection of a transplanted organ or tissue.
 (62) (62) Divided Out of 530671

(21) 562996 (22) 6 Apr 2006
 (54) Protein glycosylation
 (86) PCT/GB2006/001274 (87) WO2006/106348
 (51) IPC2009.01: C07K1/107
 (71) ISIS INNOVATION LIMITED
 (72) Davis, Benjamin Guy;
 (31) 05 0507123 (32) 8 Apr 2005 (33) GB
 (74) HENRY HUGHES, 119-125 Willis Street, Wellington, New Zealand
 (57) Disclosed is a method of glycosylating a protein wherein the method comprises the steps of i) modifying a protein to include an alkyne and/or an azide group; and ii) reacting the modified protein in (i) with (a) a carbohydrate moiety modified to include an azide group; and/or (b) a carbohydrate moiety modified to include an alkyne group in the presence of a Cu(I) catalyst, wherein said Cu(I) catalyst is provided in a solvent in the presence of a stabilising ligand.

(21) 563229 (22) 19 Nov 2002
 (54) Methods and products for oral care
 (51) IPC2009.01: A61K9/70; C07K7/04; A61K7/24; A61K38/08, 07; C07K5/10; A61P29/00; A61P39/04

(71) DMI Biosciences, Inc

(72) Bar-Or, David;

(31) 01 331665 (32) 20 Nov 2001 (33) US

(31) 02 360736 (32) 27 Feb 2002 (33) US

(31) 02 186168 (32) 27 Jun 2002 (33) US

(74) BALDWINS INTELLECTUAL PROPERTY, Level 14, Baldwins Centre, 342 Lambton Quay, Wellington 6011, New Zealand

(57) Disclosed is an oral care product comprising one or more dosages of a peptide present in an amount effective for oral care, wherein a single dosage is less than 100mg of the peptide, and wherein the peptide is the formula: P1-L-P1 wherein: P1 is a peptide which is capable of binding a metal ion; L is a chemical group which connects the two P1 peptides through their C-terminal amino acids; and each P1, which may be the same or different, has one of the following formulas: Xaa1Xaa2His or Xaa1Xaa2His Xaa3 wherein: Xaa1 is glycine, alanine, valine, leucine, isoleucine, serine, threonine, aspartic acid, isoaspartic acid, asparagine, glutamic acid, isoglutamic acid, glutamine, lysine, hydroxylysine, histidine, arginine, ornithine, phenylalanine, tyrosine, tryptophan, cysteine, methionine, or alpha-hydroxymethylserine; Xaa2 is glycine, alanine, beta-alanine, valine, leucine, isoleucine, serine, threonine, aspartic acid, asparagine, glutamic acid, glutamine, lysine, hydroxylysine, histidine, arginine, ornithine, phenylalanine, tyrosine, tryptophan, cysteine, methionine, or alpha-hydroxymethylserine; and Xaa3 is glycine, alanine, valine, lysine, arginine, ornithine, aspartic acid, glutamic acid, asparagine, glutamine or tryptophan.

(62) Divided Out of 547077

(21) 563328 (22) 15 Oct 2003

(54) Antibodies that bind cell-associated CA 125/0772P and methods of use thereof

(51) IPC2009.01: C07H21/04; C12N5/12; A61K39/395; C07K16/00; G01N33/53

(71) Euro-Celtique, S.A.

(72) Albone, Earl F; Soltis, Daniel A;

(31) 02 418828 (32) 16 Oct 2002 (33) US

(31) 03 485986 (32) 10 Jul 2003 (33) US

(74) HENRY HUGHES, 119-125 Willis Street, Wellington, New Zealand

(57) Disclosed is an isolated monoclonal antibody, or an antigen binding antibody fragment, that binds to the amino-acid sequence from residues 14-452 of SEQ ID NO: 1, wherein the antibody preferentially binds cell-associated CA 125/0772P polypeptide relative to shed CA 125/0772P polypeptide.

(62) Divided Out of 539402

(21) 564016 (22) 15 May 2006

(54) Methods for improving crop plant architecture and yield by introducing recombinant expression cassette

(86) PCT/US2006/018664 (87) WO2006/127310

(51) IPC2009.01: C12N15/82

(71) PIONEER HI-BRED INTERNATIONAL, INC.

(72) Ananiev, Evgueni; Danielvskaya, Olga N; Simmons, Carl R; Hermon, Pedro;

(31) 05 684617 (32) 25 May 2005 (33) US

(74) HOULIHAN2, Level 1, 70 Doncaster Road, Balwyn North, Victoria 3104, Australia

(57) Disclosed are methods for altering the characteristics of a plant by introducing into a plant cell a recombinant expression cassette comprising a TFL polynucleotide having the sequence of SEQ ID NO 1. The TFL gene plays a dual role in controlling the length of both vegetative and floral phases. Further disclosed are transgenic plants produced by the aforementioned methods and seeds produced by these plants.

Divisional filed as 576643

(21) 564377 (22) 17 Dec 2007

(54) Reclosable cold seal package

(51) IPC2009.01: B65D27/16; B65D33/20

(71) Kraft Foods R & D, Inc.

(72) Exner, Ron; Dagestad, Olav;

(31) 06 027067 (32) 29 Dec 2006 (33) EP

(74) BALDWINS INTELLECTUAL PROPERTY, Level 14, Baldwins Centre, 342 Lambton Quay, Wellington 6011, New Zealand

(57) A re-closable package has a cold-seal formed between a first and second sealing portion which seals the package in an initial un-opened state and in a resealed state. The bonding force of the cold seal to the first and second sealing portions is greater than the bonding force within the cold seal so that when the seal is opened by peeling it fails cohesively within the sealing material and remains adhered to the first and second portions. The cold seal also seals the package in a re-closed state. The initial unopened seal peeling force is 2 to 4 N/15 mm and thereafter the sealing force for one or more re-closings is from 0.5 to 2 N/15mm

(21) 564626 (22) 23 Sep 2003

(54) Sphingosine-1-phosphate receptor agonists in the treatment of demyelinating disorders

(51) IPC2009.01: A61K38/21; A61K31/135,66,137; A61P25/00; A61P27/02; A61P37/06

(71) Novartis AG

(72) Foster, Carolyn Ann; Hiestand, Peter C; Glue, Paul William;

(31) 03 485132 (32) 7 Jul 2003 (33) US

(31) 02 413172 (32) 24 Sep 2002 (33) US

(74) BALDWINS INTELLECTUAL PROPERTY, Level 14, Baldwins Centre, 342 Lambton Quay, Wellington 6011, New Zealand

(57) Disclosed is the use of specific sphingosine-1-phosphate receptor agonists in the manufacture of medicaments for treating, alleviating or delaying the progression of optic neuritis.

(62) Divided Out of 538961

(21) 564943 (22) 10 Jun 2004 (23) 9 Jun 2005

(54) Fruit treating apparatus and procedures

(51) IPC2009.01: A23L3/28; A23B7/015

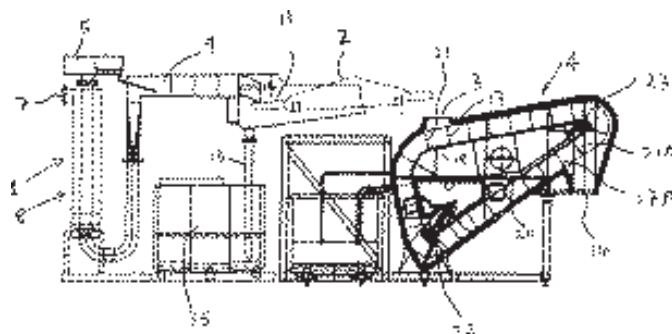
(71) FRESH APPEAL LIMITED

(72) Evans, Lionel Gordon;

(74) A J PARK, 6th Floor, Huddart Parker Building, 1 Post Office Square, Wellington 6011, New Zealand

(57) A system for enhancing food safety and longevity of produce. The system involves: (a) live produce piece production and their presentation to a first liquid; (b) providing a swirling zone in a flow path of the first liquid and UV irradiating the pieces in the first liquid when swirling in the swirling zone; (c) sublethal heating of the UV irradiated pieces in a second liquid; and (d) immersion of the sublethally heated pieces in a third liquid for (i) cooling, and (ii) anti-browning and/or anti-oxidant treatment. At least one of steps (c) and (d) involves the use of a flighted endless conveyor to pull with the flights the pieces below the liquid involved.

(62) Divided Out of 533459



(21) 565002 (22) 21 Jul 2005

(54) (R/S) Rifamycin derivatives, their preparation and pharmaceutical compositions

(86) PCT/US2005/025924 (87) WO2006/012443

(51) IPC2009.01: C07D498/08; A61K31/4709; A61P31/04

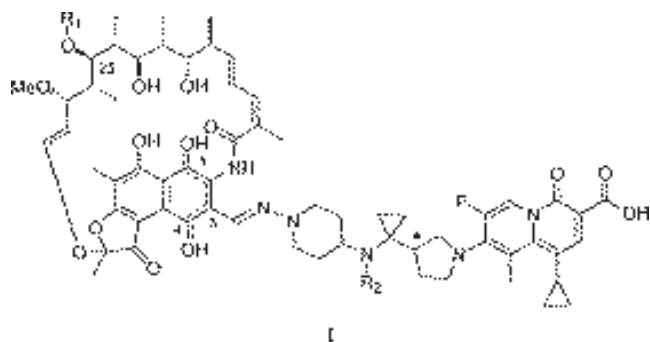
(71) Cumbre IP Ventures, L.P.

(72) Longgood, Jamie Carol; Ding, Charles Z; Ma, Zhenkun; Li, Jing; Harran, Susan; He, Yong; Kim, In Ho; Jin, Yafei; Combrink, Keith D; Minor, Keith P;

(31) 04 590190 (32) 22 Jul 2004 (33) US

(74) Pizzey's Patent and Trade Mark Attorneys, Level 2, Woden Plaza Offices, Woden Town Square, Woden, ACT 2606, Australia

(57) Disclosed are rifamycin derivatives having the general structure of formula (I) (both hydroquinone and corresponding quinone (C1-C4) forms); or its salts, or hydrates thereof; wherein a preferred R1 comprises hydrogen or acetyl and a preferred R2 comprises hydrogen, methyl or other lower alkyls; wherein asterisk (*) denotes the carbon bearing the chiral centre, wherein absolute configuration is assigned as R or S. Further disclosed are methods for the preparation of the aforementioned compounds. The compounds exhibit antimicrobial activities, including activities against drug-resistant microorganisms.



(21) 565418 (22) 25 Jan 2008

(54) Methodology for 3D scene reconstruction from 2D image sequences

(51) IPC2009.01: G06T1/20; G06T15/00; G06T17/00

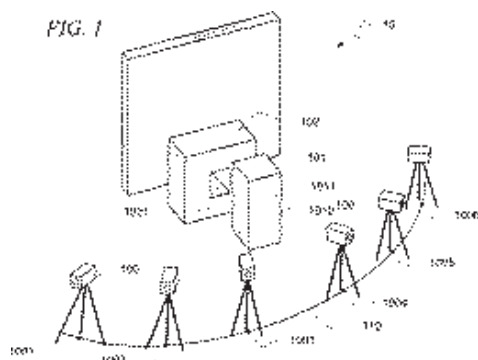
(71) CONVERSION WORKS, INC.

(31) 07 627414 (32) 26 Jan 2007 (33) US

(74) A J PARK, 6th Floor, Huddart Parker Building, 1 Post Office Square, Wellington 6011, New Zealand

(57) A system for the reconstruction of a 3-dimensional (3D) scene comprises image capturing means arranged to capture a plurality of 2-dimensional (2D) images of the scene; image selection means arranged to differentiate between a first subset of the images and a second subset of the images; and processing means arranged to generate a model of the 3D scene from the first subset of images, and further arranged to refine the model using the second subset.

A method of scene reconstruction comprises obtaining a plurality of images of a scene representing at least two perspective views of the scene; generating a model of the scene using a first subset of the images; calculating the perspectives of each the image in the first subset using the images of the first subset; and refining the model using the calculated perspectives and a second subset of the images, wherein the second subset includes at least one image not in the first subset



(21) 565550 (22) 26 Mar 2004

(54) Double slider valve fitment

(51) IPC2009.01: F16L37/28; B67D5/02; B65D77/00; B67D1/08; B65D77/06

(71) LIQUI-BOX CANADA INC.

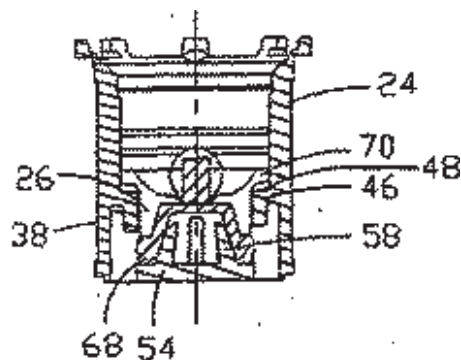
(72) Johnson, James;

(31) 03 458077 (32) 27 Mar 2003 (33) US

(74) CALLINANS, 1193 Toorak Road, Camberwell, Victoria 3124, Australia

(57) The present disclosure provides a fitment for attachment to a container for holding and dispensing a fluid. The fitment comprises a generally cylindrical spout having an external surface capable of mating with a collar of a dispensing connector, an external slider movable axially within said spout and an internal slider movable axially within the external slider. The internal slider is movable between a closed position that prevents the flow of fluid through the fitment and an open position that allows for the flow of fluid through the fitment. The internal slider is adapted to be moved between the closed and open positions by insertion of a dispensing connector into the external slider adjacent said internal slider. The internal slider is biased towards said closed position.

(62) Divided Out of 542788



(21) 565615 (22) 25 May 2005 (23) 25 May 2006

(54) Waste container apparatus

(51) IPC2009.01: E03C1/12; C02F9/02

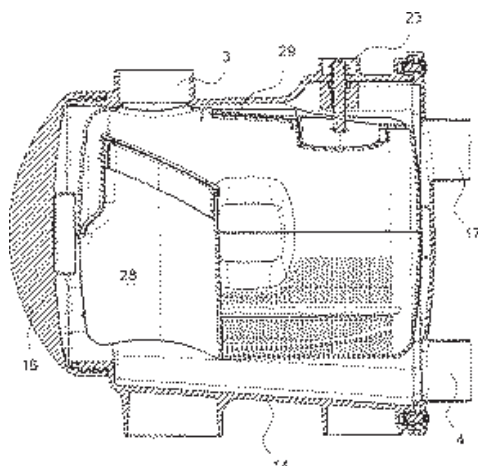
(71) Yvonne Webster

(72) Webster, Yvonne Jean;

(74) Yvonne Webster, 672 Peak Road, RD 2, Helensville, New Zealand

(57) A waste container apparatus comprising an outer container and an inner container, an inlet adapted to direct fluid and non-fluid waste from outside the apparatus into the inner container, and an outlet adapted to direct fluid waste away from the apparatus, the inner container including one or more apertures adapted to in use allow fluid waste to pass there-through into the outer container while substantially capturing non-fluid waste within the inner container and means to allow removal of the non-fluid waste captured therein, and a direct fluid waste conduit aligned in use with the inlet.

(62) Divided Out of 540286



(21) 565616 (22) 25 May 2005 (23) 25 May 2006

(54) Waste container apparatus

(51) IPC2009.01: C02F9/02; E03C1/12

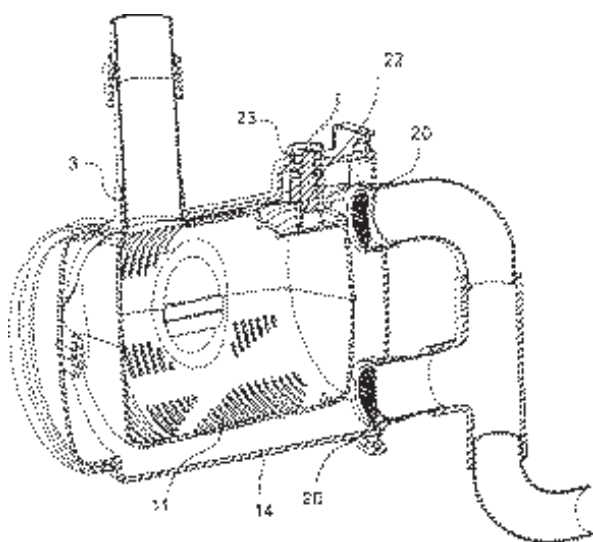
(71) Yvonne Webster

(72) Webster, Yvonne Jean;

(74) Yvonne Webster, 672 Peak Road, RD 2, Helensville, New Zealand

(57) A waste container apparatus comprising an outer container and an inner container, an inlet adapted to direct fluid and non-fluid waste from outside the apparatus into the inner container, and an outlet adapted to direct fluid waste away from the apparatus, the inner container including one or more apertures adapted to in use allow fluid waste to pass there-through into the outer container while substantially capturing non-fluid waste within the inner container and means to allow removal of the non-fluid waste captured therein, the apparatus including means for preventing fluid and non-fluid waste entering the apparatus when the level of waste in the apparatus nears or reaches a maximum capacity.

(62) Divided Out of 540286



(21) 565914 (22) 13 Feb 2008

(54) Tile cutting machine

(51) IPC2009.01: B28D1/04; B28D7/02,04; B23D45/02

(71) Black & Decker, Inc.

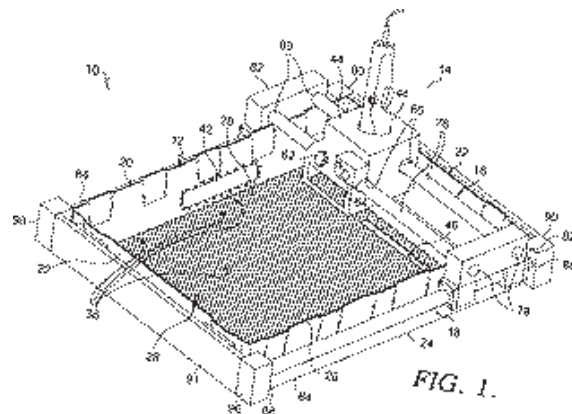
(72) Gifford, Robert H; Mattucci, Marco Alessandro; Campbell, David Charles;

(31) 07 941941 (32) 4 Jun 2007 (33) US

(31) 07 843233 (32) 22 Aug 2007 (33) US

(74) DAVIES COLLISON CAVE - MELBOURNE, 1 Nicholson Street, Melbourne, Victoria, Australia

(57) A tile cutting machine and method are disclosed. The method comprises a tub, a tile supporting surface located in the tub, and a cutting head assembly. The tub is for receiving water therein, and has a bottom and at least one sidewall and the tile supporting surface has a plurality of nubs for supporting a tile to be cut. The cutting head assembly includes a blade and a motor for driving the blade, wherein the blade is positioned generally above the tile supporting surface and is movable with respect thereto.



(21) 565918 (22) 13 Feb 2008

(54) Fixing group for facilitated attachment of a watercraft appliance onto a boat and method for attaching the same

(51) IPC2009.01: B66D1/00,28

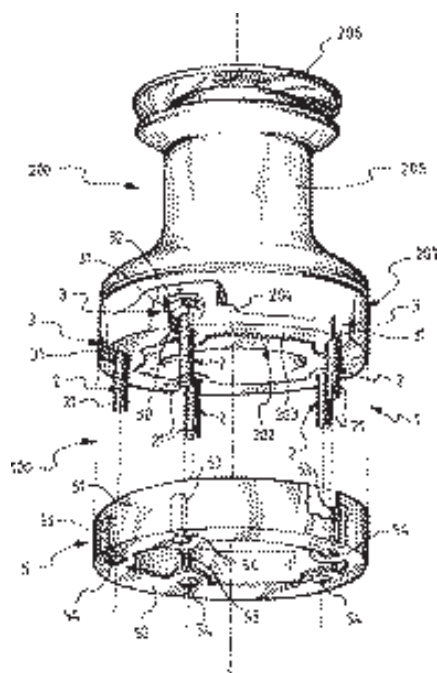
(71) HARKEN ITALY S.p.A.

(72) Cazzaro, Michele;

(31) 07 07425089 (32) 19 Feb 2007 (33) EP

(74) PIPERS, Level 1, 5A Pacific Rise, Mt Wellington, Auckland, New Zealand

(57) A fixing group of a watercraft appliance for the attachment thereof to an outer side of a deck wall of a boat comprises a base of the watercraft appliance and at least one seat formed in the base and suitable for receiving a respective threaded fastening element, so that said element has a free end projecting from the base for insertion into a respective through hole formed in the deck wall, so as to be accessible from the inner side of such a deck wall for fixing the watercraft appliance to it. The at least one seat comprises an access at a peripheral surface of the base and a retaining portion suitable for cooperating through shape coupling with said threaded fastening element to prevent the rotation and axial sliding thereof with respect to the base. The invention also refers to a method for attaching a watercraft appliance comprising said fixing group to a deck wall of a boat by means of threaded fastening elements.



(21) 566062 (22) 28 Sep 2005

(54) Pharmaceutical compositions for the treatment of inner ear disorders comprising an arylcycloalkylamine such as ketamine and a biocompatible polymer

(86) PCT/EP2005/010478 (87) WO2007/038949

(51) IPC2009.01: A61K9/00; A61K31/137; A61P27/16

(71) AURIS MEDICAL AG

(72) Meyer, Thomas;

(74) PIPERS, Level 1, 5A Pacific Rise, Mt Wellington, Auckland, New Zealand

(57) Disclosed is the use of a composition containing (i) a pharmaceutically active agent selected from a group consisting of an arylcycloalkylamine (such as 2-(2-chlorophenyl)-2-(methylamino)-cyclohexanone (ketamine)) or a pharmaceutically active salt thereof, wherein the arylcycloalkylamine is an NMDA receptor antagonist, and (ii) a biocompatible polymer or a combination of biocompatible polymers for the preparation of a medicament for treating inner ear diseases. Also disclosed is the above use, wherein the medicament is formed as a release-of-drug-formulation which releases the pharmaceutically active agent over several hours up to several weeks. The use of the above composition for the preparation of a medicament for the treatment of tinnitus, hearing loss, inner ear inflammations or infections, auto-immune disorders, vertigo or Meniere's Disease is further disclosed, as is the use of a medicament for the treatment of excitotoxicity-induced ear cell degeneration or age-induced ear cell degeneration.

(21) 566317 (22) 28 Feb 2008

(54) Rotary milking platform with bail gates arranged for animal to enter and leave face first

(51) IPC2009.01: A01K1/00, 12

(71) Keith Gordon Arkle Holmes

(72) Holmes, Keith Grodon Arkle;

(74) Pipers Central, Level 5, KPMG Centre, 85 Alexandra Street, Hamilton, New Zealand

(57) In a rotary milking platform a bail gate is pivoted upwardly and downwardly with the bail and bail gate arranged so that an animal to be milked can enter and leave the bail face first.

(21) 566615 (22) 13 Oct 2003

(54) Acyl derivatives of 5-(2-(4-(1,2 benzisothiazole-3-yl)-1-piperazinyl)ethyl)-6-chloro-1,3-dihydro-2H-indol-2-one having neuroleptic activity

(51) IPC2009.01: C07D417/12; A61K31/428; A61P25/18

(71) PFIZER PRODUCTS INC.

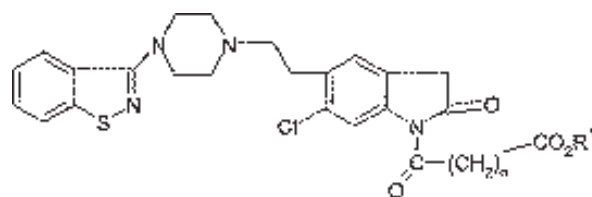
(72) Colon-Cruz, Roberto; Norris, Timothy;

(31) 02 420843 (32) 24 Oct 2002 (33) US

(74) A J PARK, 6th Floor, Huddart Parker Building, 1 Post Office Square, Wellington 6011, New Zealand

(57) A process for preparing acyl derivatives of formula (I) as prodrugs of 5-(2-(4-(1,2 benzisothiazole-3-yl)-1-piperazinyl)ethyl)-6-chloro-1,3-dihydro-2H-indol-2-one (commonly known as ziprasidone) and pharmaceutically acceptable acid addition salts is disclosed. These compounds have neuroleptic activity and are therefore useful as antipsychotics.

(62) (62) Divided Out of 538807



(21) 566715 (22) 13 Mar 2008

(54) Monitoring device and method

(51) IPC2009.01: A61B5/087, 08

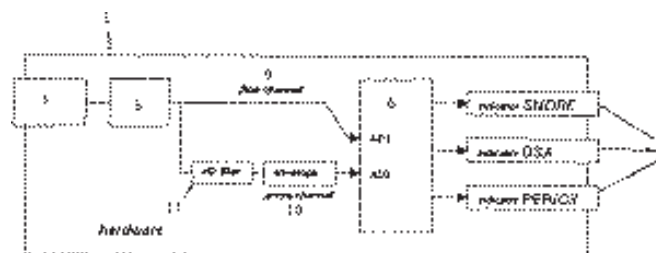
(71) Map Medizin-Technologie GmbH

(72) Schatzl, Stefan;

(31) 07 07105728 (32) 5 Apr 2007 (33) EP

(74) JAMES & WELLS, Level 12, KPMG Centre, 85 Alexandra Street, Hamilton, New Zealand

(57) An apparatus (1) for identifying different indications of a patient is provided. The apparatus includes a pressure sensor (7), for sensing pressure signals indicative of a patient's breathing, a processing unit (6), for processing and/or analyzing the signals, a flow channel (9) for providing the sensed pressure signals directly to the processing unit (6), a snore channel (10) comprising a filter means (11) and an envelope means (12) for providing information regarding the sensed pressure signals to the processing unit (6), and display means (4) for displaying the outcome of the processing and/or analysis. The processing unit (6) comprises a snore detection module (19), an OSA detection module (20) and a periodic and/or CS detection module (21) for providing a snoring index (22), an apnea/hypopnea index (23) and/or a periodic index (24).



(21) 566863 (22) 22 Sep 2003

(54) Intermediate for the manufacture of valsartan

(51) IPC2009.01: C07D257/04

(71) Novartis AG

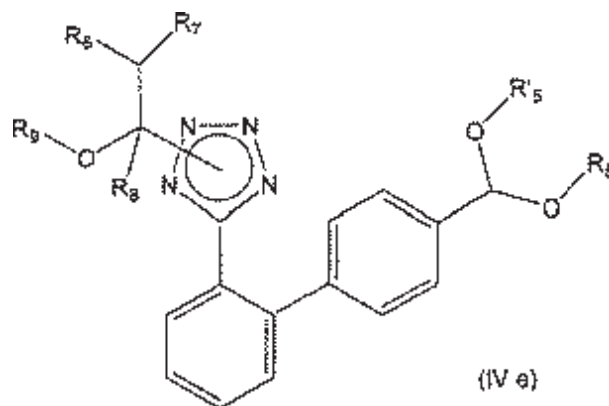
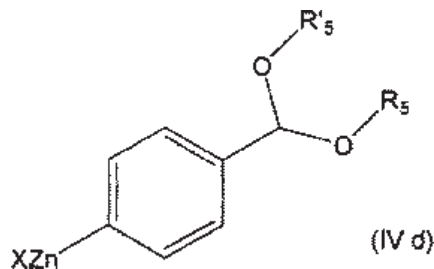
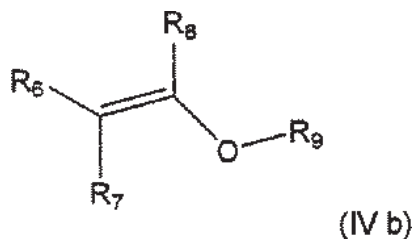
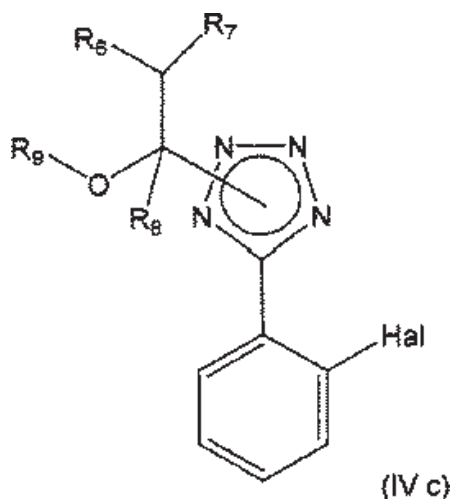
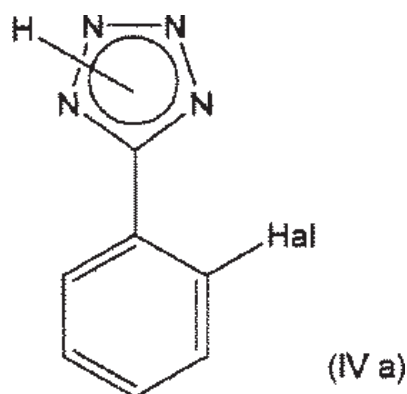
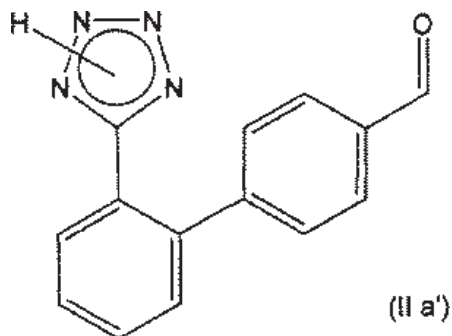
(72) Hirt, Hans; Sedelmeier, Gottfried; Krell, Christoph;

(31) 02 0222056 (32) 23 Sep 2002 (33) GB

(74) BALDWINS INTELLECTUAL PROPERTY, Level 14, Baldwins Centre, 342 Lambton Quay, Wellington 6011, New Zealand

(57) Disclosed is a process for the manufacture of the compound of formula (IIa') or a salt thereof, comprising:

- (i) reacting, in the presence of an acid, a compound of formula (IV a) or a salt thereof, wherein Hal is halogen with a compound of formula (IV b) wherein R₆, R₇ and R₈ independently of one another, are selected from H or alkyl, and R₉ is alkyl, or R₇ and R₉ together form C₂-C₅ alkylene; or R₆ and R₈ together form C₃-C₆ alkylene;
- (ii) reacting in the presence of a transition metal catalyst, a resulting compound of formula (IVc) with a compound of formula (IV d) wherein X is halogen, and R₅ and R'₅ are alkyl or together form C₂-C₄ alkylene
- (iii) Removing, sequentially or in a single step the protecting groups from a resulting compound of formula (IV e) by treatment with an acid; and
- (iv) Isolating a resulting compound of formula (IIa') or a salt thereof.
- Also disclosed are compounds of formula (IV e) which are useful intermediates in the production of the angiotensin receptor blocker valsartan.
- (62) Divided Out of 538927

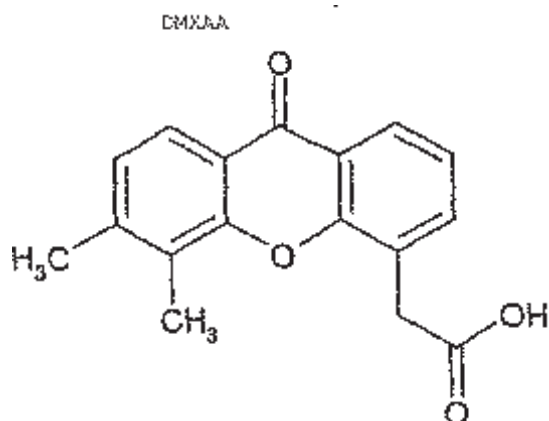


- (21) 567324 (22) 31 Jan 2004
 (54) Active immunization to generate antibodies to soluble A-beta
 (51) IPC2009.01: A61K39/395; C07K5/00; A61K39/00; C12N15/86,85; C07K7/06; A61K38/08
 (71) Wyeth; Elan Pharma International Limited
 (72) Yednock, Ted; Vasquez, Nicki; Seubert, Peter A; Bard, Frederique;
 (31) 01 444150 (32) 1 Feb 2003 (33) US
 (74) SPRUSON & FERGUSON, GPO Box 3898, Sydney, NSW, 2001, Australia
 (57) Disclosed are immunogenic fragments of protein Abeta consisting of the amino acid sequence KLVFFAED (Abeta16-23) and pharmaceutical compositions comprising them. The fragments of the invention are useful in the treatment of Alzheimer's disease.
 (62) Divided Out of 541871

- (21) 567456 (22) 3 Sep 2002
 (54) Anti-cancer combination of DMXAA and cyclophosphamide
 (51) IPC2009.01: A61K31/19,66; A61K33/24; A61P35/00; A61K31/352
 (71) CANCER RESEARCH TECHNOLOGY LIMITED
 (72) Wilson, William Robert; Siim, Bronwyn Gae;
 (31) 01 0121285 (32) 3 Sep 2001 (33) GB
 (74) A J PARK, 6th Floor, Huddart Parker Building, 1 Post Office Square, Wellington 6011, New Zealand
 (57) Disclosed is a synergistic combination of DMXAA (5,6-dimethylxanthone-4-acetic acid) or a pharmaceutically acceptable salt or ester thereof and cyclophosphamide, for concomitant or sequential

use in the treatment of cancer and wherein the combination is formulated to provide DMXAA in the range of from 900 to 4900 mg/m². Also disclosed is a kit comprising DMXAA or a pharmaceutically acceptable salt or ester thereof and cyclophosphamide, which when combined produce a synergistic combination for concomitant or sequential use in the treatment of cancer and wherein the combination is formulated to provide DMXAA in the range of from 900 to 4900 mg/m². Use of: a) DMXAA or a pharmaceutically acceptable salt or ester thereof, and b) cyclophosphamide for the manufacture of a medicament for the treatment of cancer in a patient in need thereof, wherein the medicament is formulated for simultaneous, separate or sequential administration of a) and b) and the medicament is formulated to provide DMXAA in the range of from 900 to 4900 mg/m² is further disclosed.

Divisional filed as 576925



(21) 567457 (22) 3 Dec 2003

(54) Alpha-2-delta ligand to treat lower urinary tract symptoms

(51) IPC2009.01: A61K31/195,00,197; A61P13/00

(71) WARNER-LAMBERT COMPANY LLC

(72) Taylor, Charles Price; Thorpe, Andrew John; Westbrook, Simon Lempriere; Wustrow, David Juergen;

(31) 02 433491 (32) 13 Dec 2002 (33) US

(31) 03 0302657 (32) 5 Feb 2003 (33) GB

(74) A J PARK, 6th Floor, Huddart Parker Building, 1 Post Office Square, Wellington 6011, New Zealand

(57) Disclosed is a use of a combination of an alpha-2-delta ligand with a compound selected from

i) a PDEV inhibitory compound; or

ii) a muscarinic antagonist;

or pharmaceutically acceptable salts or solvates thereof, for the manufacture of a medicament for the treatment of lower urinary tract symptoms (LUTS) associated with over active bladder (OAB) and/or benign prostatic hyperplasia (BPH).

(62) Divided Out of 539972

(21) 567793 (22) 29 Apr 2008

(54) Food waste disposal unit

(51) IPC2009.01: E03C1/266; B02C18/00

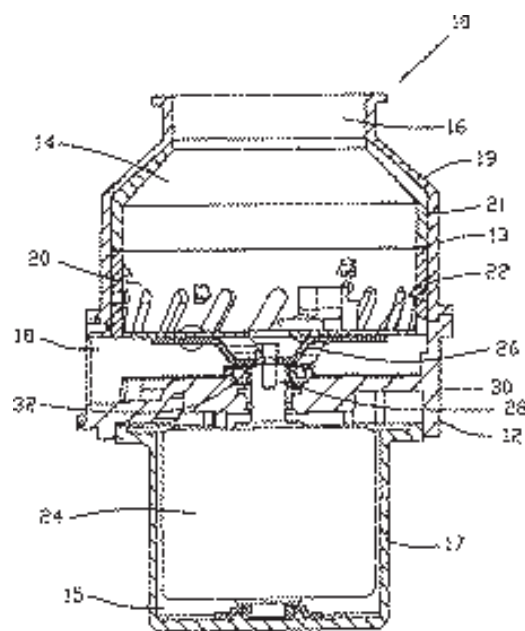
(71) Johnson Electric S.A.

(72) Pan, Ji Cheng; Khan, Isar Ahmed; Poon, Kwong Yip;

(31) 07 10102345 (32) 30 Apr 2007 (33) CN

(74) Shelston IP, Level 21, 60 Margaret Street, Sydney, NSW 2000, Australia

(57) A food waste disposer has a housing 12 defining a grinding chamber 14 having an inlet 16 and an outlet 18. A grinding mechanism including a shredder ring 20 and a grinding disc 22, is disposed within the grinding chamber 14. A liner 21, preferably of a plastics material, extends from the shredder ring 20 to the inlet 16. The liner 21 reduces the noise generated by the disposer when in use.



(21) 567821 (22) 30 Apr 2008

(54) Self-boring rock anchor

(51) IPC2009.01: E21D20/02; E21D21/00

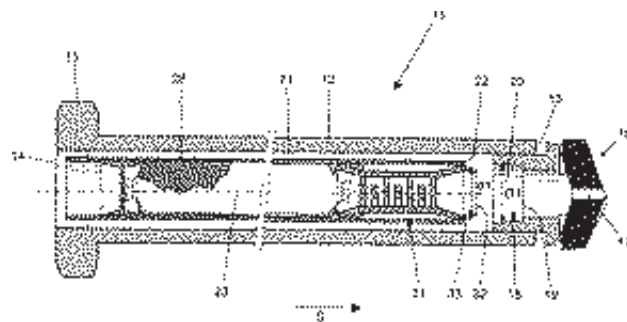
(71) Hilti AG

(72) Bayerl, Michael; Ludwig, Wolfgang; Heemann, Kay;

(31) 07 2007000277 (32) 16 May 2007 (33) DE

(74) Shelston IP, Level 21, 60 Margaret Street, Sydney, NSW 2000, Australia

(57) The disclosure relates to a self-boring rock bolt (11) including a hollow cylindrical recommendation body (12) that has a drill bit (16) on one end (13) of the recommendation body and an inner tube (21) arranged in the recommendation body (12) and having a discharge hole (22) separated with a distance from the drill bit (16) for containing a compressible, age hardening mixture (26). A mixture element (31) that can be supported movably in the inner tube (21) is arranged between the age hardening mixture (26) in the inner tube (21) and the drill bit (16). The drill bit (16) has a groove (32) adjacent to the mixture element (31) for a free end (32) of the mixture element (31) and a through hole (17) for the age hardening mixture (26). The groove (18) of the drill bit (16) has an alignment section (20) and the mixture element (31) has a corresponding alignment section (33) that matches the alignment section (20) of the groove (18) of the drill bit (16) adjacent to the free end (32) of the mixture element (31).



(21) 567876 (22) 2 May 2008

(54) Ferrule chair

(51) IPC2009.01: E04B2/84; E04B1/41; F16M11/22

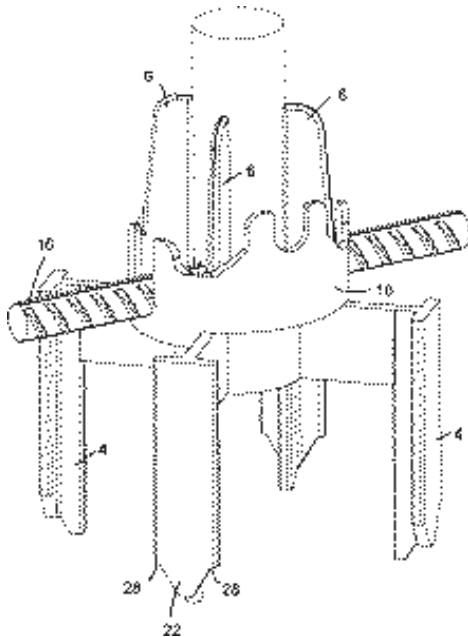
(71) ITW Construction Systems Australia Pty Ltd

(72) O'Loughlin, Andrew Emden; Andersen, Brendan;

(31) 07 902771 (32) 24 May 2007 (33) AU

(74) DAVIES COLLISON CAVE - MELBOURNE, 1 Nicholson Street, Melbourne, Victoria, Australia

(57) A ferrule chair for supporting an internally threaded ferrule to be incorporated into a concrete component during casting to provide a fixing point in the cast component is disclosed. The ferrule may be a star foot ferrule or a straight ferrule. The chair has a support surface for the foot of a star foot ferrule and also has means to locate and support a transverse reinforcing bar (16) that extends through the lower portion of a straight ferrule.



(21) 568013 (22) 6 May 2008

(54) A fluid-tight slide fastener with taper fit between slider and upper stop

(51) IPC2009.01: A44B19/32,24,26,02

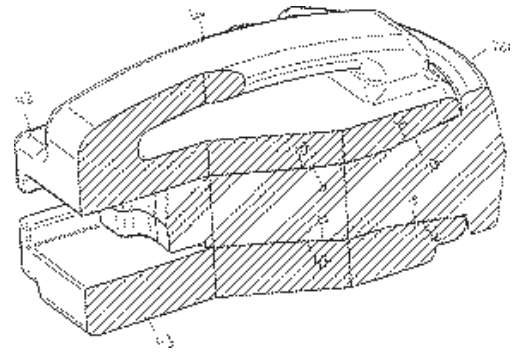
(71) RIRI GROUP S.A.

(72) Peano, Roberto;

(31) 07 07009783 (32) 16 May 2007 (33) EP

(74) A J PARK, 6th Floor, Huddart Parker Building, 1 Post Office Square, Wellington 6011, New Zealand

(57) A fluid-tight slide fastener with a wedge-like clearance-recovery fit between the slider and an upper stop is disclosed. The upper stop includes at least one section with a coupling surface (19) tilted with respect to a horizontal symmetry plane. The slider includes at least one second coupling surface (46) that matches the first coupling surface. When the slider is engaged with the upper stop the coupling surfaces form a clearance-recovery taper fit to provide a fluid-tight seal.



(21) 568037 (22) 7 May 2008

(54) Wind-powered generator and assemblies therewith

(51) IPC2009.01: F03D11/02; F03D9/00; F16H1/20

(71) WO HUEN POON

(72) Poon, Wo Huen;

(31) 07 809181 (32) 31 May 2007 (33) US

(74) A J PARK, 6th Floor, Huddart Parker Building, 1 Post Office Square, Wellington 6011, New Zealand

(57) A wind-powered electrical assembly including an electrical generator (60) for powering relatively small electronic devices is disclosed. The assembly includes a wind-powered actuator assembly (56) and a gear train (66) arranged for operating the generator. The gear train includes a number of transfer gears, where a first gear is operably arranged with a spring assembly, a second gear is operably arranged with the wind-powered actuator assembly, and a third gear is mounted to the rotor of the electrical generator. The spring assembly has a reel mounted to the shaft of the first gear and a tape spring for rotationally biasing the reel to rotate in a return direction. The tape spring is wound onto the reel and connected so that when the shaft is moved in an operating direction the spring develops a return force, which urges the reel and shaft in a return direction.

(21) 568447 (22) 24 Nov 2005

(54) Aircraft seating and seating arrangements

(86) PCT/SG2005/000401 (87) WO2007/061381

(51) IPC2009.01: B64D11/06; B60N2/34

(71) Singapore Airlines Limited

(72) Park, James; Sim, Kim Chui;

(74) BALDWINS INTELLECTUAL PROPERTY, Level 14, Baldwins Centre, 342 Lambton Quay, Wellington 6011, New Zealand

(57) A seating unit and seating arrangement for an aircraft cabin is disclosed. The seating unit includes a backrest (16) which is pivotally moveable from an upright position to a flat position. A side ottoman (22) is located beside the seat base. The rear of the seat includes a footwell (32) into which a front portion (42) of the side ottoman of another seat can locate. When the backrest is in the flat position a bed is formed. The bed is composed of a base (34) which is revealed when the backrest is in a flat position, the rear surface of the backrest, and the front portion of the ottoman (42).

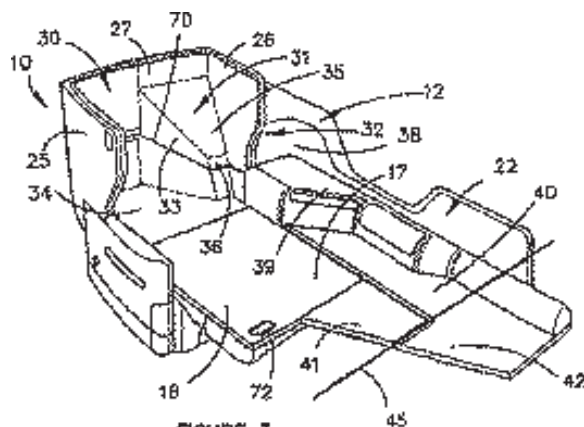


FIGURE 3

(21) 568727 (22) 25 Oct 2002

(54) Combinations of antibodies selective for a tumor necrosis factor-related apoptosis-inducing ligand receptor and other therapeutic agents

(51) IPC2009.01: C12N15/09; A61K31/337,404,519,704; A61K35/12; A61K38/00; A61K39/395; A61K41/00; A61K45/00,06; A61P1/00; A61P3/10; A61P5/14; A61P7/02,04,06; A61P9/10; A61P11/06; A61P13/12; A61P15/00; A61P17/00,06; A61P19/02; A61P21/04; A61P25/00; A61P29/00; A61P31/04,12; A61P33/06; A61P35/00; A61P37/00,02,06,08; C07K16/28

(71) The UAB Research Foundation

(72) Zhou, Tong; Ichikawa, Kimihisa; Kimberley, Robert P; Koopman, William J; Oshumi, Jun; Lobuglio, Albert F; Buchsbaum, Donald J;

(31) 01 346402 (32) 1 Nov 2001 (33) US

(31) 02 391478 (32) 24 Jun 2002 (33) US

(74) BALDWINS INTELLECTUAL PROPERTY, Level 14, Baldwins Centre, 342 Lambton Quay, Wellington 6011, New Zealand

(57) Disclosed is the use of a monoclonal antibody that specifically binds a TRAIL receptor DR5, wherein said antibody, in its soluble form, has in vivo and in vitro apoptosis-inducing activity in target cells expressing DR5, for preparation of a medicament for selectively inducing apoptosis in said target cells, wherein said medicament is formulated for administration along with one or more therapeutic agents, wherein if the therapeutic agent is a chemotherapeutic agent, the chemotherapeutic agent is selected from the group consisting of leflunomide, dactinomycin, tamoxifen, interferon alpha-2b, glutamic acid, plicamycin, mercaptopurine, 6-thioguanine, carmustine, BCNU, lomustine, CCNU, cytosine, arabinoside, estramustine, hydroxyurea, procarbazine, busulfan, medroxyprogesterone, estramustine phosphate sodium, ethinyl estradiol, estradiol, megestrol acetate, methyltestosterone, diethylstilbestrol diphosphate, chlorotrianisene, testolactone, mephallen, chorambucil, mechlorethamine, thiotepa, bethamethasone sodium phosphate, dicarbazine, asparaginase, mitotane, vincristine sulphate and vinblastine sulphate.

(62) (62) Divided Out of 533164

(21) 569112 (22) 13 Jun 2008

(54) Supply chain management software for tracking carbon credits and emissions

(51) IPC2009.01: G06Q10/00; G06Q50/00

(71) The Merino Company Pty Ltd

(72) Mackinnon, Mark Daniel;

(31) 07 2007903172 (32) 13 Jun 2007 (33) AU

(74) DAVIES COLLISON CAVE - MELBOURNE, 1 Nicholson Street, Melbourne, Victoria, Australia

(57) The system for producing carbon neutral wool products includes input means for accessing input data; and processing means for processing the input data to generate output data. The input data includes:

(i) wool specification data representing specifications of wool lots produced by a plurality of farms;

(ii) product specification data representing specifications of a wool product to be produced from the wool lots;

(iii) greenhouse gas store data representing unallocated greenhouse gas storage of the farms;

(iv) life cycle emissions data representing greenhouse gas emissions generated by a post-farm life cycle of the product; and (v) farm emissions data representing greenhouse gas emissions generated by production of the wool lots by each of the farms.

The output data includes farm product data represents amounts of the wool lots to be supplied by the farms to produce the product and one or more corresponding amounts of the unallocated greenhouse gas storage to be allocated such that the total amount of greenhouse emissions generated by a life cycle of the product does not exceed the total amount of greenhouse gas storage provided by allocating the corresponding amounts of the unallocated greenhouse gas storage, so that the wool product is carbon neutral.

(21) 569764 (22) 30 May 2005

(54) Method for improved breast milk feeding to reduce the risk of allergy

(51) IPC2009.01: A61K47/44; A61K35/74; A61P29/00; G01N33/68; A61P37/08

(71) BioGaia AB

(72) Bjorksten, Bengt; Mollstam, Bo; Sjöberg, Elisabeth;

(31) 04 860201 (32) 3 Jun 2004 (33) US

(74) BALDWINS INTELLECTUAL PROPERTY, Level 14, Baldwins Centre, 342 Lambton Quay, Wellington 6011, New Zealand

(57) Disclosed is a stabilized bacterial composition comprising cells of a freeze-dried viable lactic acid bacterial strain in an edible vegetable oil wherein the oil is prepared by a vacuum drying step. Also disclosed is the use of a pharmaceutical composition comprising dried cultures of viable Lactobacillus and a vacuum dried edible vegetable oil for the manufacture of a medicament for prevention of allergy in feeding babies; and a method for increasing the survival of dried culture of a lactic acid bacterial strain comprising preparing a stabilized bacterial composition of a freeze-dried viable lactic acid bacterial strain in an edible vegetable oil, wherein the oil is prepared by a vacuum drying step.

(62) Divided Out of 550527

(21) 570097 (22) 28 Jul 2008

(54) Method and installation for the purification of synthetic gas by scrubbing ammonia and hydrogen using condensate

(51) IPC2009.01: C10J3/00,20; B01D53/00,14,58,78; B01D47/02,05

(71) Kopf Klarschlammverwertungs-GmbH & Co KG

(72) Gaiffi, Michael; Burgbacher, Christian; Huber, Marcel; Roschitz, Christian; Kleinhapfl, Markus;

(31) 07 016699 (32) 25 Aug 2007 (33) EP

(74) BALDWINS INTELLECTUAL PROPERTY, Level 14, Baldwins Centre, 342 Lambton Quay, Wellington 6011, New Zealand

(57) A method for producing synthesis gas is disclosed, wherein the method comprising the steps of:

(a) gasifying a feedstock comprising biological substances to produce a synthesis gas comprising water, ammonia, and hydrogen sulfide;

(b) cooling the gas;

(c) conducting the cooled gas through the feedstock to filter the gas;

(d) conducting the filtered gas through a condenser to separate the water from the gas; and

(e) conducting the gas through a first scrubber and then a second scrubber, wherein in each scrubber, ammonia and/or hydrogen sulfide is washed out of the gas using condensate obtained directly or indirectly from the gas. Also disclosed is a system for the production of synthesis gas, wherein the system comprises:

a storage tank, in which a feedstock comprising biological substances is held;

a gasifier, in which the feedstock is gasified to produce synthesis gas;

a cooler, in which the synthesis gas is cooled;

a filtering stage, in which the cooled synthesis gas is filtered through the feedstock;

a condenser, in which water is separated from the synthesis gas;

a first scrubber, in which the filtered gas is washed using condensate, obtained directly or indirectly from the gas, to remove ammonia and/or hydrogen sulfide from the gas; and

a second scrubber, in which remaining ammonia or hydrogen sulfide is washed from the gas.

(21) 570296 (22) 4 Aug 2008

(54) Method and arrangement for controlling the milking by a milking machine

(51) IPC2009.01: A01J5/007,16

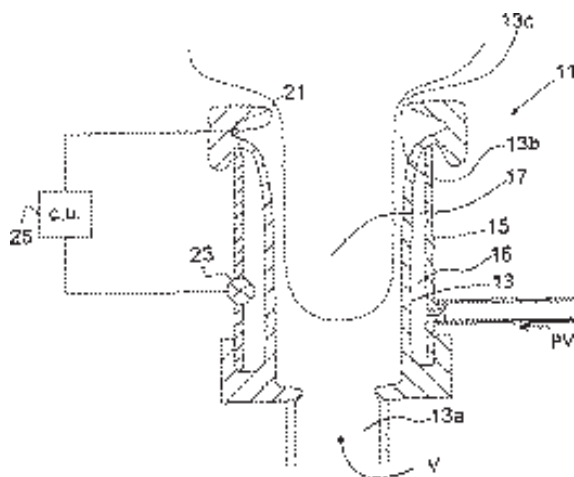
(71) DELAVAL HOLDING AB

(72) Petterson, Torbjorn;

(31) 07 0702001 (32) 7 Sep 2007 (33) SE

(74) DON HOPKINS & ASSOCIATES, Level 12, Forsyth Barr House, Johnston Street, Wellington 6011, New Zealand

(57) A method and arrangement are provided for controlling milking by a milking machine, which comprises at least one teat cup (11) having a flexible teat receiving liner (13) arranged inside a teat cup shell (15). During milking, a vacuum is applied to a lower part (13a) of the interior of the flexible teat receiving liner to draw milk from a teat (17) while the flexible teat receiving liner is periodically opened and collapsed by application of a pulsating massage vacuum between the flexible teat receiving liner and the teat cup shell. A pressure sensor (21) measures repeatedly a vacuum level in an upper part (13b) of the interior of the flexible teat receiving liner, and means (23) is provided for, depending on the repeatedly measured vacuum level, interrupting the periodic opening and collapsing of the flexible teat receiving liner by keeping the flexible teat receiving liner collapsed for a specific period of time.



(21) 570620 (22) 19 Aug 2008

(54) Hook type filter bag mounting assembly

(51) IPC2009.01: A47L9/00,14; A47L5/00

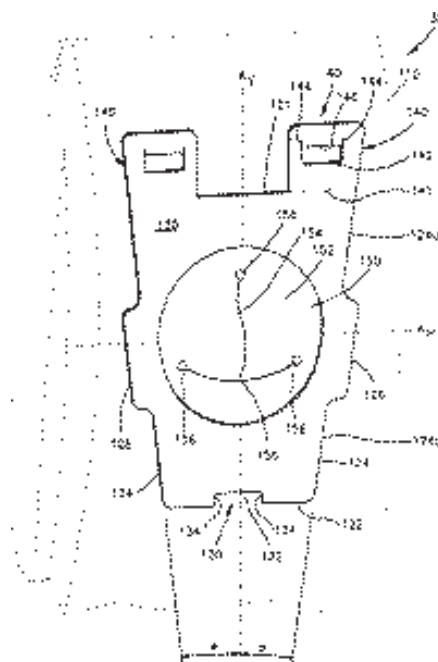
(71) THE SCOTT FETZER COMPANY

(72) Steele, Daniel L; Rennecker, David B; McAllise, Gregg A; Seamon, Michael R; Winkelmann, Laura L;

(31) 08 100109 (32) 9 Apr 2008 (33) US

(74) A J PARK, 6th Floor, Huddart Parker Building, 1 Post Office Square, Wellington 6011, New Zealand

(57) A filter bag 32 comprising a bag structure 110 of filter material, a panel 120 adhered to the bag structure 110 and having a fill opening 150 and a securing tab 140 attached by a hinge 141 to the panel 120; the panel 120 being configured to have a mounted position in which a fill tube projects through the fill opening 150 into the bag structure 110 to exhaust air into the bag structure 110, and to be secured in the mounted position by manually pivoting the securing tab 140 about the hinge 141 to bring the tab 140 into attachment with a securing structure coupled to the fill tube.



(21) 570682 (22) 20 Feb 2004

(54) AXMI-006 a delta-endotoxin gene and methods for its use as a pesticide

(51) IPC2009.01: C12N15/82; C07K14/325

(71) Athenix Corporation

(72) Carozzi, Nadine; Hargiss, Tracy; Koziel, Michael G; Duck, Nicholas B; Carr, Brian;

(31) 03 448632 (32) 20 Feb 2003 (33) US

(31) 03 448633 (32) 20 Feb 2003 (33) US

(31) 03 448797 (32) 20 Feb 2003 (33) US

(31) 03 448806 (32) 20 Feb 2003 (33) US

(31) 03 448810 (32) 20 Feb 2003 (33) US

(31) 03 448812 (32) 20 Feb 2003 (33) US

(31) 04 782141 (32) 19 Feb 2004 (33) US

(31) 04 781979 (32) 19 Feb 2004 (33) US

(31) 04 783417 (32) 19 Feb 2004 (33) US

(31) 04 782096 (32) 19 Feb 2004 (33) US

(31) 04 782020 (32) 19 Feb 2004 (33) US

(31) 04 782570 (32) 19 Feb 2004 (33) US

(74) Pizzeys Patent and Trade Mark Attorneys, Level 2, Woden Plaza Offices, Woden Town Square, Woden, ACT 2606, Australia

(57) Compositions and methods for conferring pesticidal activity to bacteria, plants, plant cells, tissues and seeds are provided. Compositions comprising a coding sequence for a delta-endotoxin polypeptide, designated as AXMI-006 are provided. The coding sequences can be used in DNA constructs or expression cassettes for transformation and expression in plants and bacteria. Compositions also comprise transformed bacteria, plants, plant cells, tissues, and seeds. In particular, isolated delta-endotoxin nucleic acid molecules are provided. Additionally, amino acid sequences corresponding to the polynucleotides are encompassed.

Divisional filed as 578677

(21) 573100 (22) 26 Nov 2008

(54) Folding trailer with pivotable draw bar

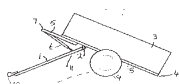
(51) IPC2009.01: B62D63/06

(71) Nelson Kenneth Charles Lattimer

(72) Lattimer, Nelson Kenneth Charles;

(74) Nelson Kenneth Charles Lattimer, 3 St Andrews Place, Kamo, Whangarei, New Zealand

(57) A trailer that can be folded into a configuration to allow for compact storage in a vertical orientation is disclosed. The trailer has a load carrying platform supported on a chassis (8), a suspension system with a beam axle for the two wheels (9) of the trailer, and a draw bar (1) pivotally mounted to the chassis. In a towing mode the draw bar is locked in position, and when unlocked the draw bar and chassis may be folded together so that the trailer is rotated to form an inverted 'V' between the chassis and draw bar, where the draw bar is pivoted down and in contact with the axle. The trailer includes means (6), such as a gas strut or spring arrangement, to provide a positive force to assist with pivoting the draw bar and folding the trailer.



(21) 573944 (22) 21 Nov 2003

(54) Functional dairy product and process for producing functional food with enhanced ACE inhibitory activity by adding EMC (enzyme modified cheese)

(51) IPC2009.01: A23C19/08; A23L1/30; A23C9/13; A23G9/02

(71) Meiji Dairies Corporation

(72) Suzuki, Masayuki; Tonouchi, Hidekazu; Yoshioka, Norimichi; Uchida, Masayuki; Oda, Munehiro;

(31) 02 346408 (32) 28 Nov 2002 (33) JP

(74) CULLEN & CO., Level 32, 239 George Street, Brisbane, QLD 4001, Australia

(57) Disclosed is a process for producing a functional food, wherein protease enzyme-modified cheese having 9,000 units/g or more of an ACE inhibitory activity is added to cheese or yoghurt in an amount of 0.01% to 1.5% by weight, wherein at least the protease enzyme-modified cheese confers 5,000 units or more of angiotensin converting enzyme inhibitory activity per daily consumption of at least 15g of the cheese or at least 200g of the yoghurt.

(62) (62) Divided Out of 540822

(21) 574252 (22) 20 Jul 2004

(54) Modified IL-4 mutein receptor antagonists

(51) IPC2009.01: C07K14/47; A61K38/20; A61P11/00

(71) Aerovance, Inc.

(72) Pan, Clark; Rocznik, Steve; Greve, Jeffrey Michael; Yung, Stephanie L; Longphre, Malinda; Wong, Teresa Mo-fun; Tomkinson, Adrian;

(31) 10/820559 (32) 8 Apr 2004 (33) US

(31) 03 498906 (32) 29 Aug 2003 (33) US

(31) 03 530182 (32) 17 Dec 2003 (33) US

(74) Freehills Patent & Trade Mark Attorneys, Level 43, 101 Collins Street, Melbourne, Victoria 3000, Australia

(57) Disclosed is a purified polynucleotide encoding a modified IL-4 mutein receptor antagonist comprising:

(a) a nucleotide sequence as set forth in SEQ ID NO: 2, SEQ ID NO: 3, SEQ ID NO: 7, or SEQ ID NO: 8; or

(b) a nucleotide sequence encoding a polypeptide having an amino acid sequence as set forth in SEQ ID NO: 10, SEQ ID NO: 11, SEQ ID NO: 15, or SEQ ID NO:

Also disclosed are corresponding expression vectors, non-human host cells comprising the vector and methods of making the antagonist by culturing the host cell and purifying the protein. Further disclosed is the use of the antagonist for the preparation of a pharmaceutical for treating a human having asthma or related pulmonary conditions.

(62) Divided Out of 546151

(21) 574571 (22) 2 Feb 2009

(54) EXERCISE SYSTEM CARRYING KIT HAVING A WHEELED HANDLE

(51) IPC2009.01: A63B21/00; A63B22/00; B65D1/22

(71) David Hall

(72) Hall, David;

(31) 08 025616 (32) 4 Feb 2008 (33) US

(74) PHILLIPS ORMONDE FITZPATRICK, 367 Collins Street, Melbourne, Victoria 3000, Australia

(57) An exercise system carrying kit, comprises a housing member; a physical exercise device, disposed in the housing member, and configured for a user to perform physical exercises; a first handle, removably coupled to the housing and removably coupleable to the physical exercise device and a wheel, rotatably coupled to a bottom portion of the first handle. The physical exercise device can be foldable and an audio/video provider module can be disposed in the housing member and configured to provide entertaining information to a user performing physical exercises. A power module in communication with the housing member to provide entry to the exercise system can be provided with a control module in communication with the power module and configured to control the power module.

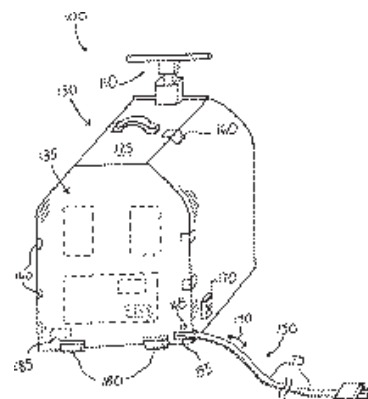


Fig. 1A

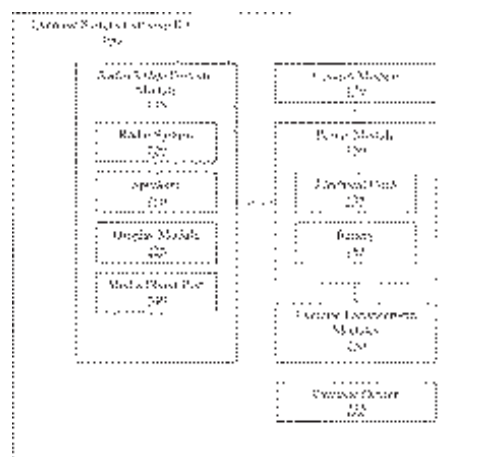


Fig. 2

(21) 574745 (22) 25 Aug 2004

(54) Clamp and repair tool with one of curved jaws having recess for treatment to gripped work

(51) IPC2009.01: B25B5/14; B25B9/00; F16L55/18

(71) TIMBERWOLF CORPORATION

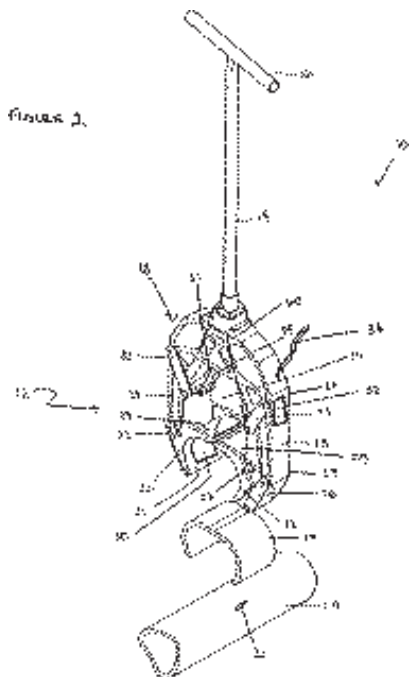
(72) Green, Kenneth H;

(31) 03 498612 (32) 28 Aug 2003 (33) US

(74) A J PARK, 6th Floor, Huddart Parker Building, 1 Post Office Square, Wellington 6011, New Zealand

(57) A tool is disclosed for gripping, clamping or holding an object, wherein the tool has a handle portion, a linkage portion and a working portion, and wherein the working portion includes two workpiece contacting surfaces, at least one of the surfaces shaped to generally conform to at least a portion of the outer surface of a workpiece to be clamped, gripped or held. At least one of the workpiece contacting surfaces is adapted to provide a treatment to a workpiece being clamped, gripped or held with the treatment means located within a recessed area.

(62) Divided Out of 545467



(21) 575836 (22) 27 Mar 2009

(54) Improvements in or Relating to Medicament Delivery Systems

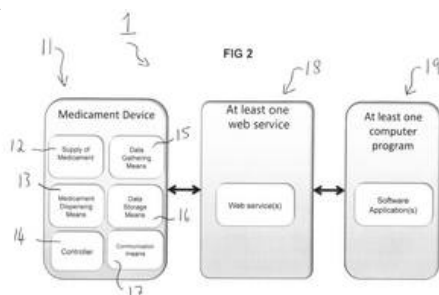
(51) IPC2009.01: A61M15/00; A61J7/04; G06F19/00; G06F21/00; G06Q50/00; G08B1/08

(71) Nexus6 Limited

(72) Sutherland, Garth Campbell;

(74) Allen & Associates, 1/259 Tamaki Drive, Kohimarama, Auckland 1071, New Zealand

(57) A system for managing data relating to patient usage of a medicament delivery device includes a supply of medicament, a medicament dispensing means, data gathering means for gathering data relating to patient usage of the medicament delivery device, a data storage means for storing the data, and a communication means for transmitting the data to at least one web service. The at least one web service is able to share the data with at least one computer program.



(21) 576009 (22) 4 Jul 2002

(54) Anaerobic sewage treatment in long pipe without baffles

(51) IPC2009.01: C02F3/28; C02F9/14

(71) E. Craig Jowett

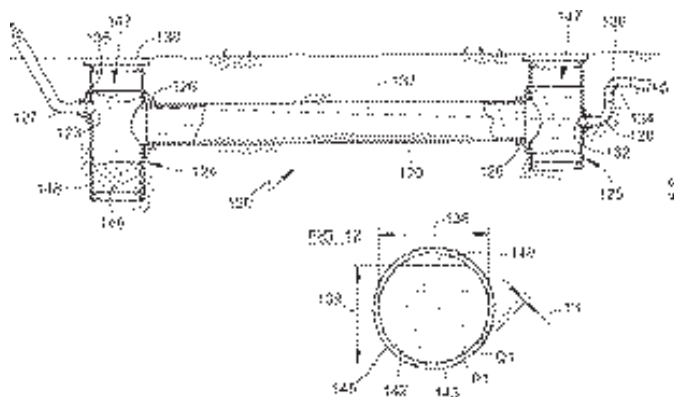
(72) Jowett, E. Craig;

(31) 0125266.7 (32) 22 Oct 2001 (33) GB

(74) Hodgkinson McInnes Patents, Level 21, 201 Elizabeth Street, Sydney, New South Wales 2000, Australia

(57) A container for the treatment of sewage includes an inlet chamber 124, an outlet chamber 125 and a long narrow treatment pipe 129 that is at least four times longer than it is wide, is at least 2 meters long, and has no baffles or similar surfaces that are wetted both sides by the sewage, and is arranged between the inlet 123 and the outlet 132 so that a minimum standing body of water (sewage) sits in the treatment pipe. Sewage entering the container undergoes anaerobic treatment within the slowly moving body of waste and remains in the container long enough so that water exiting from the outlet port 132 has undergone complete septic treatment. The container is arranged so that none of the sewage between the inlet and the outlet has an opportunity to become aerated.

(62) Divided Out of 533069



(21) 577176 (22) 25 May 2009

(54) Removing necrotic matter from grapes using blower with flapping strip(s) in outlet(s) for disturbed flow

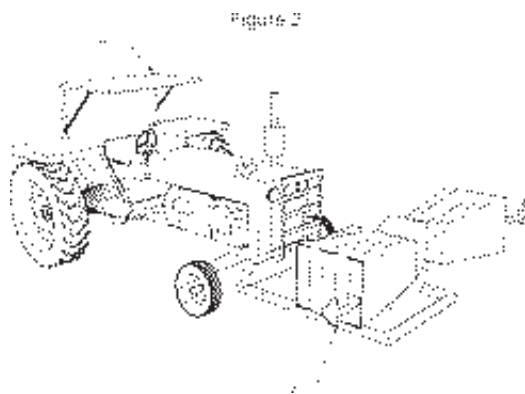
(51) IPC2009.01: A01D46/28; A01G17/02

(71) Henry Viticulture Limited

(72) Henry, Christopher Arthur;

(74) A J PIETRAS & CO, Level 2, Gibson Sheat Centre, 1 Margaret Street, Lower Hutt, New Zealand

(57) A non-linear disrupted airflow 8, 9 is formed in outlets from a blower typically by flexible flaps that are secured in the outlets at an upstream end so as in use to flap up and down. Such airflow is directed at bunches of grapes on a vine to remove necrotic plant matter. The specific blower is also claimed.



(21) 577408 (22) 4 Jun 2009

(54) A latch and latchset

(51) IPC2009.01: E05B57/00; E05C3/30

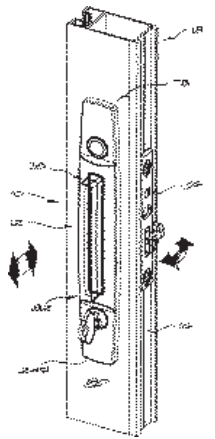
(71) Assa Abloy Australia Pty Limited

(72) WOOD, David Andrew;

(31) 09 901764 (32) 23 Apr 2009 (33) AU

(74) CULLEN & CO., Level 32, 239 George Street, Brisbane, QLD 4001, Australia

(57) Disclosed is a latchset which includes a latch apparatus and a strike. The apparatus has a latch which rotates about a pivot between a latched position and an unlatched position, and a handle which moves between an extended position at which the handle projects at least partly from the assembly and a retracted position at which the handle is at least partly withdrawn into the assembly. Movement of the handle to the retracted position causes the latch to move to the latched position.



(21) 578037 (22) 15 Sep 2005

(54) Humidifier including a device for regulating the degree of humidification of the air flow

(51) IPC2009.01: A61M16/16

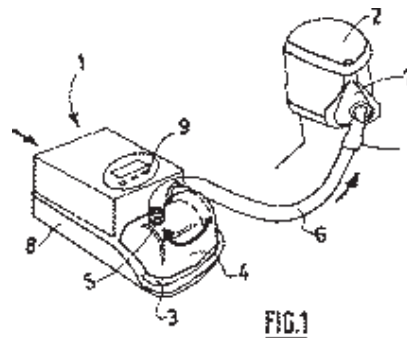
(71) Mallinckrodt Developpement France

(72) Nadjafizadeh, Hossein; Gaudard, Yves; Desfossez, Benjamin; Michel, Patrick;

(31) 04 0452060 (32) 15 Sep 2004 (33) FR

(74) Pizzeys Patent and Trade Mark Attorneys, Level 14, ANZ Centre, 324 Queen Street, Brisbane, Queensland 4000, Australia

(57) Apparatus is disclosed for supplying a mask (7) through which air flows with a regulated degree of humidification. The method of using the apparatus comprises: providing a water reservoir (4) configured such that the air circulates in contact with the surface of water within the reservoir is charged with humidity; providing a heating device (3) for heating the water in the reservoir by circulating an electric current; measuring an average intensity (Iav) of the current passing through the heating device; and controlling of said average intensity (Iav) relative to a reference value (62) Divided Out of 553865



(21) 577576 (22) 10 Jun 2009

(54) ALARM DEVICE

(51) IPC2009.01: G08B17/10, 113; G08B13/18

(71) PSA PRODUCTS PTY LTD

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(57) There is disclosed an alarm device (10) comprising a base (12) mountable to a wall or ceiling and a body (18). The body comprises a housing within which the operational components of the device are contained. The operational components include at least a sensor device and an alarm. The body is detachably mounted to the base by way of a lateral sliding action.

