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AP/05/03464 03/10/2025      03/10/2005 INFORMATION DISPLAY SUPPORT.

AP/05/03946 20/10/2025      04/07/2011 CAPSULE WITH SEALING MEANS.

METHOD AND SYSTEM FOR  
TRANSMITTING/RECEIVING NEIGHBOR  
BASE-STATION ADVERTISEMENT MESSAGE  
IN BROADBAND WIRELESS ACCESS

AP/05/03961 25/10/2025      28/03/2011 SYSTEM.

AP/05/03971 12/10/2025      03/02/2010 HIP PUMP ASSEMBLY.

SYSTEM AND METHOD FOR  
TRANSMITTING/RECEIVING HYBRID  
AUTOMATIC REPEAT REQUEST BUFFER  
CAPABILITY INFORMATION IN BROADBAND  
WIRELESS ACCESS COMMUNICATION

AP/05/03981 03/11/2025      29/03/2011 SYSTEM.

REDUCTION OF LIME CONSUMPTION WHEN  
TREATING REFRACTORY GOLD ORES OR  
CONCENTRATES.

AP/05/04035 12/12/2025

12/12/2005

EXTRACTION PROCESS FOR METALS LIKE  
GOLD AND PLATINUM INCLUDING FINE  
GRINDING, PULPING AND OXYGENATING.

AP/05/04063 15/12/2025

29/03/2011

FLUID TREATMENT METHOD AND  
APPARATUS.

AP/05/04077 20/12/2025

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29/03/2011 RECIPROCATING PUMP.

AP/05/04126 25/10/2025

29/03/2011 INVOICE FINANCING

AP/07/03986 31/10/2025 31/10/2005 Pesticidal composition

AP/07/04012 28/10/2025 28/10/2005 LOOP REACTOR FOR EMULSION  
POLYMERISATION.  
ELECTRORPORATION OF MYCOBACTERIUM  
AND OVEREXPRESSION OF ANTIGENS IN  
MYCOBACTERIA

AP/07/04021 29/11/2025 29/11/2005

AP/07/04055 07/11/2025 07/11/2005 Enzymatic hydrolysis of biomasses having a  
high dry matter (DM) content

AP/07/04208 29/11/2025 29/11/2005 Composition of an agricultural spray oil

KE/04/00338	19/10/2025	19/10/2004	METHOD AND APPARATUS FOR STRENGTHENING GLASS.
			ACTIVE SUBSTANCE COMBINATION HAVING INSECTICIDAL AND ACARICIDAL PROPERTIES
KE/04/00372	20/11/2025	20/11/2004	
KE/04/00374	20/11/2025	20/11/2004	ACTIVE SUBSTANCE COMBINATIONS HAVING INSECTICIDAL PROPERTIES.
KE/05/00468	16/11/2025	16/11/2005	PROCESS OF MANUFACTURE OF BIODEGRADABLE SANITIZED WIPES AND THEIR USE THEREOF
KE/05/00470	13/12/2025	13/12/2005	INSECTICIDAL COMPOSITIONS
KE/07/00585	06/10/2025	05/04/2007	FUNGICIDAL COMPOSITIONS

KE/07/00586 06/10/2025 05/04/2007 SYNERGISTIC FUNGICIDAL COMPOSITIONS

KE/07/00596 17/10/2025 19/04/2007 2-AMIDO-4-PHENYLTHIAZOLE DERIVATIVES,  
THE PREPARATION AND THE THERAPEUTIC  
USE THEREOF.

KE/07/00597 20/10/2025 20/04/2007 PESTICIDAL MIXTURES

KE/07/00609 17/12/2025 21/06/2007 SYNERGISTIC MIXTURES EXHIBITING  
INSECTICIDAL AND FUNGICIDAL ACTION

KE/07/00610 15/12/2025 22/06/2007 DEVICE FOR THE COUPLING AND RELEASE  
OF A PIPE FITTING TO A FLANGED PIPE

KE/07/00615 30/12/2025 06/07/2007 SUBSTITUTED 4-  
PHENYLtetrahydroisoquinolines,  
METHODS FOR PRODUCING THEM, THEIR  
USE AS DRUG, AND DRUG CONTAINING  
THEM.

KE/08/00699 06/10/2025 24/01/2008 MULTIUSE LOCATION FINDER,  
COMMUNICATION, MEDICAL, CONTROL  
SYSTEM.

## Abstract

The support comprises at least one sheet (2) of a substantially rigid and foldable material having a display face (3), elastic return and constraint bands (44) for making the display face of the sheet convex, and a plurality of inserts (18-20) for keeping the display face of the sheet in the convex state, opposing the elastic constraint bands, and exerting their force in a discretely distributed way along the said display face of sheet. The inserts (18-20) have a length equal to the distance between the two lateral edges (8,9) of the sheet (2), in its convex state, the sheet being extended to form two sets of dihedrals for receiving the inserts., the elastic bands (44) interacting with the inserts and the tabs (12-17) and exerting, in addition to their horizontal constraint force, vertical forces in opposite directions (49, 50) to keep the inserts at the correct height in the convex state of the display face.

A capsule (1) contains beverage ingredients such as ground coffee, tea or other ingredients and is configured for insertion in a beverage production device (2) in order to have a liquid under pressure have enter the capsule (1) and to interact with the ingredients (3) in the capsule (11). The capsule (1) comprises a base body (4) and a foil member (5) closing the base body (4) by being attached to a flange-like rim (6) extending from the side wall (7) of the base body (4) of the capsule (1). The base body (4) of the capsule (1) comprises a resilient sealing member (8), the sealing member (8) being designed to be in sealing engagement with a bell member (9) of the beverage.

Disclosed is a method and system for transmitting/receiving a neighbor base-station information message in a broadband wireless access system. A base station sets and transmits a neighbor base-station information message, which includes a specific flag field for limiting neighbor base-station information and a reserved field and omits iterative neighbor base-station information depending on a value set in the specific flag field, thereby increasing a transmission efficiency. A mobile terminal receives the neighbor base-station information message from the base-station, checks the received message, and then updates an operator ID according to the value set in the specific flag field.

Provided herein is an innovative human powered pumping device comprising a piston and cylinder pumping mechanism that is hinged off a base. In use, the piston is driven in and out of the cylinder by a handle which is pushed and pulled by the operator. The base is resting on the ground and the cylinder is hinged off the base such that the pumping mechanism can rotate with respect to the base during the pumping motion.

Disclosed is a system and method for transmitting and receiving hybrid automatic repeat request (HARQ) buffer capability information in a broadband 5G wireless access communication system. According to the system and method, a mobile station detects its own HARQ buffer capacity, and transmits a message including information about the detected HARQ buffer capability to a base station. The base station receives the message and determines the amount of a transmission signal to be allocated to the mobile station based on the HARQ 10 buffer capability, so that it is possible to operate a HARQ scheme in accordance with the HARQ buffer capability of the mobile station.

The present invention is directed to precious metal recovery process in which basic sulphates and/or jarosites are controlled by a number of mechanisms, including control of the oxidation reaction conditions in the first autoclave compartment, hot curing of the autoclave discharge slurry, and/or contacting of the autoclave feed slurry with the hot cured discharge liquid. Through curing, reactive iron-containing precipitate, such as basic iron pupate, is allowed to react with acid to form a dissolved iron-containing species, such as ferric sulphate.

This invention relates to a process for obtaining metal values, typically base metals, platinum or gold from a feed material. In a first step of the process of the invention, feed material containing metal values is ground to a particle size d90 of 100 microns or less to form an ultra fine pulp. In a second step of the process of the invention, the ultra fine ground pulp from the first step is oxygenated by pulping it in multiple passes through an in-line high shear static oxygenation device (30), while re-circulating it on a tank (28) or any other vessel. The process of the invention results in a significant reduction in the required leach time, improved recoveries, reduced cyanide consumptions, a steadier gold tail, as well as reduced capital and operational expenditure.

Apparatus for treating a fluid in a conduit, comprising first and second core elements of magnetically conductive material adapted to be mounted to the conduit to surround same at spaced positions therealong; and means for establishing radio frequency magnetic fluxes in said core elements, for generating respective electromagnetic fields in the fluid to be treated extending from spaced positions along the conduit.

A pump 60, 160 has a pair of working members (preferably diaphragms 1, 2, 101) and a pump chamber 3, 4, 103, 104 associated with each working member is communicated via check valves 32-35, 132-135 to a suction manifold 30, 130 and to an outlet manifold 31, 131. A drive mechanism 10, 110 couples the working members so that they reciprocate together and a first of the working members performs a suction stroke. The suction and outlet manifolds 30, 130, 31, 131 are incorporated in a manifold assembly that connects the pair of diaphragms 1, 2, 101, 102 for coordinated reciprocation. A pair of manually-operated levers 7, 8, 107, 108 are connected together for opposite reciprocation and are drivingly connected to the working members 1, 2, 101, 102. A flapper check valve 32-35, 132-135 has a valve seat 40, 140 with a plurality of flow openings 41, 141 extending therethrough; the valve member 25, 125 includes a plurality of contiguous flaps of resilient material, each supported by the valve seat 40, 140 around the periphery of each opening 41, 141.

An electronic invoice financing system (10) includes a supplier invoice transmitter (12) to transmit details of a supplier invoice to a debtor approval manager (16) operable by, or operable to assist, at least one financial institution which finances invoices issued by the supplier, and a debtor accounts payable transmitter (14) to transmit details of a supplier invoice approved for payment, to said debtor approval manager (16). The debtor approval manager (16) includes, or has access to, a database of approved debtors and is configured to receive invoice transmitter (12) and from the debtor accounts payable transmitter (14), and to indicate the status of an invoice for which details were received as validated or verified.

The present invention provides an insecticidal composition comprising of at least one insecticidal compound with effective knock-down action selected from among group (A) comprising of imidacloprid, acetamiprid, thiamethoxam, thiacloprid, nitenpyram, dinotefuran, clothianidin, abamectin, emamectin, emamectin benzoate and fipronil, and at least one insecticidal compound with effective long-term action selected from among group (B) of insect growth regulators comprising of benzoylphenyl urea (BPU) compounds selected from among novaluron, lufenuron, hexaflumuron, triflumuron, diflubenzuron, chlorfluazuron, flufenoxuron, noviflumuron and teflubenzuron. Optionally, said insecticidal composition may further contain excipients and/or additives and/or surface active agents. Further provided is a method for insect control, comprising of applying at least one insecticidal compound with effective knock-down action selected from among group (A) comprising of imidacloprid, acetamiprid, thiamethoxam, thiacloprid, nitenpyram, dinotefuran, clothianidin, abamectin, emamectin, emamectin benzoate and fipronil, and at least one insecticidal compound with effective long-term action selected from among group (B) of insect growth regulators (IGR) comprising of benzoylphenyl urea (BPU) compounds; to a crop, agricultural product, plant matter, animal or locale.

A polymerisation reactor (1) comprising a circulation loop(2), an inlet for raw material (3), an outlet (5), driving means for (6) circulating a reactor charge within the circulation loop(2), and a pig station (7) for storing, launching, and receiving cleaning pigs. The pig station (7) comprises a lid to cover an opening enabling removal of the cleaning pig. The pig station (7) is constructed as a box with a cylindrical bore connected at both ends to the circulation loop, the bore having a central part with a diameter which is larger than the inner diameter of the circulation loop. At a transitional part at the outer ends of the bore the bore diameter narrows down to be substantially equal to the inner tube diameter of the circulation loop. Over at least a part of the inner bore substantially half of the circular cross-section is formed in the removable lid.

The present invention relates to a process for liquefaction and saccharification of polysaccharide containing biomasses, having a relatively high dry matter content. The present invention combines enzymatic hydrolysis with a type of mixing relying on the principle of gravity ensuring that the biomasses are subjected to mechanical forces, primarily shear and tear forces. Furthermore, the present invention relates to the further utilisation of such processed biomasses, e.g. for subsequent fermentation into bio-ethanol, bio-gas, specialty carbohydrates for food and feed as well as carbon feedstock for processing into plastics and chemicals. The invention relates to an agricultural spray oil composition comprising paraffinic base oil and emulsifiers for controlling pests and diseases in tea gardens, various plantations, fruit orchards etc. The said composition is based on C16-C18 alcohol poly glycol ether along with other emulsifiers.

The invention relates to a method and apparatus for strengthening glass. A method according to one aspect of the invention strengthens glass by applying potassium ions to the surface of a glass article with the surface being at least the annealing point temperature of the glass and then keeping the temperature of the glass between the strain point temperature of the glass and about 150 degrees centigrade below the strain point temperature for at least about five minutes to facilitate a more efficient ion-exchange reaction. In one embodiment, the glass articles may be sprayed with molten potassium salt to apply the ions. As a result of the methods of the invention, the treated glass articles may be strengthened by having an increased surface stress or may contain less glass with no change in strength as compared to the same untreated glass article.

The invention relates to novel active substance combinations comprising cyclic keto-enols or other insecticides and additional insecticides from the group of anthranilic acid amines. Said active substance combinations are very suitable for controlling animal pests such as insects and undesired mites.

The invention relates to novel insecticide combinations comprising anthranilic acid amides (group 1) and other insecticides selected among the group of (thio) phosphates (group 2) and/or the group of carbamates (group 3). Said insecticide combinations are very suitable for controlling animal pests such as insects.

The present invention relates to a sanitary protective gear comprising of a disinfecting pad measuring 20-50 cm<sup>2</sup> and 5-20 mm thick. The sanitary protective gear is used for wiping handles of supermarket and airport trolleys. A sanitary disinfectant wiping pad has a roll in container or kit installed on one side of two rods supporting the supermarket and airport trolleys and has a disposal kit or container installed alongside the trolley to avoid littering in and around the supermarket and airport.

A sanitary disinfecting pad is characterized in that it contains a disinfectant agent and has a soft pad to provide a visual indication of the status of the product. A sanitary disinfectant pad is resistant to bacterial and viral infections. The trolley handles are wiped by customers manually and a process of manufacture of a sanitary protective gear and its use as a sanitary disinfectant pad for wiping purposes are disclosed.

An insecticidal composition comprising boric acid 35-38%, petroleum jelly 24-29%, water 7-10% ,glycerine 7.5-9.5% Sugar 7-10%, garlic powder 1-2.5%, egg yolk 1-2.5%, Colouring agent 0.01-0.5%.The formulation that carries the active ingredient is comprised of an active ingredient, an emulsifying agent , a gelling agent , antifoaming agent, a moisturizing agent, and a flavoring agent.

A method of controlling phytopathogenic diseases on useful plants or on propagation material thereof, which comprises applying to the useful plants, the locus thereof or propagation material thereof a combination of components A) and B) in a synergistically effective amount, wherein component A) is a compound of formula (1), wherein R1 is difluoromethyl or trifluoromethyl and R2 is C1-C6alkyl, C1-C4alkoxy-C1-C6alkyl or C1-C6 haloalkyl; or a tautomer of such a compound; and component B) is a compound selected from compounds known for their fungicidal and/or insecticidal activity, is particularly effective in controlling or preventing fungal diseases of useful plants.

<p>A method of controlling phytopathogenic diseases on useful plants or on propagation material thereof, which comprises applying to the useful plants, the locus thereof or propagation material thereof a combination of components A) and B) in a synergistically effective amount, wherein component A) is a compound of formula (I), wherein R1 is difluoromethyl or trifluoromethyl; Y is -CHR2- or formula (DD) and R2 is hydrogen or C1-C6alkyl; or a tautomer of such a compound; and component B) is a compound selected from compounds known for their fungicidal and/or insecticidal activity, is particularly effective in controlling or preventing fungal diseases of useful plants.</p>

The invention relates to 2-amido-4-phenylthiazole derivatives of the following general formula (I) embodied in the form of a base or a salt additional to a pharmaceutically acceptable acid, in the form of hydrates or solvents and in the form of enantiomers, diastereoisomers and the mixture thereof. Pharmaceutical compositions containing a compound of general formula (I) and the therapeutic use thereof are also disclosed.

Pesticidal mixtures comprising, as active components, 1) an 1-arylpypyrazole of the formula (I) wherein R1 is CN, C(=O)C1-C4-alkyl, or C(=S)NH2; R2 is S(O)nR3; R3 is C1-C6-alkyl; R4 is hydrogen, halogen, amino, C1-C6-alkylamino, di(C1-C6-alkyl)amino, or 4-hydroxy-3-methoxybenzylideneamino); W is N or CR5; R5, R6 and R7 are, each independently, hydrogen, halogen, or C1-C6-haloalkyl; n is 0, 1 or 2; or its salts and 2) a compound of the formula (II), or its salts, in synergistically effective amounts; use of this mixture for combating insects, arachnids, or nematodes; method for protecting plants against these pests; and method for treating, controlling, preventing or protecting a warm-blooded animal or a fish against infestation or infection by pests which comprises orally, topically or parenterally administering or applying to said animal or fish a pesticidally effective amount of this mixture.

The invention relates to novel active substance combinations containing an active substance selected from neonicotinoid groups and at least one type of active substance selected from a group of amino acid benalaxyl M and methalaxyl M derivatives. The use of said novel active substance combinations in the form of pesticides and seed dressing agents, methods for controlling pests and protecting seeds and seeds treated by means of the inventive active substance combinations are also disclosed.

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 an 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.

The invention relates to the compounds of formula (I), wherein R1 to R8, W, X and Z are defined as in the claims. Drugs that contain compounds of this type are suitable for use in the prevention or treatment of various diseases. The inventive compounds can be used, inter alia, for renal diseases such as acute or chronic renal failure, for biliary dysfunction and for respiratory disorders such as snoring or sleep apnoea

Multiuse location finder, communication, medical and control systems for multifunction, multimode interoperable system operation containing radio frequency identification (RFID) and or barcode readers for wired and/or wireless systems. This application also includes embodiments and architectures for efficient cross-correlated quadrature modulated and of polar non-quadrature modulated implementations