PATENTES SOBRE ALIMENTACIÓN ANIMAL


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Fuente: Patentscope

Expresión de Búsqueda: Animal feeding System

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1. WO/2015/057278 NETWORKED AUTOMATIC ANIMAL FEEDING SYSTEM

An animal feeding system is provided. The feeding system includes a container that holds dry pet food, and a receptacle that gravitationally receives the pet food. The system also provides a conveyor system. The conveyor system moves the dry pet food from the receptacle and to a feeding bowl. Additionally, the animal feeding system includes a micro-processor. The micro-processor is configured to deliver start and stop signals to a motor in response to wireless signals sent from a control unit. The animal feeding system additionally comprises the control unit. The control unit offers a user interface for programming the system according to a desired feeding schedule. A method for feeding an animal using the feeding system is also provided herein.

2. WO/2015/022608 SYSTEM, METHOD AND FEEDING DEVICE FOR REMOTE PET MONITORING AND FEEDING

A system, a feeding device, and a method enable a terminal device of a pet owner to directly and/or indirectly communicate with the feeding device. The feeding device can monitor and/or feed the pet. For example, components of the feeding device, along with a sensor worn by the pet and in communication with the feeding device, can monitor the pet. A cloud database may compile and may perform an analysis of health and wellness information and food consumption data sent from the feeding device and may communicate with the terminal device of the pet owner bidirectionally. The analysis can use data from a consumer-club of pets to provide best service. The feeding device can also communicate with the terminal device of the pet owner bidirectionally, either directly using one or more wireless connections or indirectly using the cloud database.

3. 20150034014 FEED CONTROL SYSTEM, FEEDING SYSTEM AND METHOD FOR FEEDING ANIMALS

A feed control system, a feeding system and a method for feeding animals comprises an autonomous feed displacer which displaces animal feed and subsequently measures the
height of the displaced animal feed using a feed level meter. Since the displaced, pushed back animal feed results in heaps of surprisingly constant shape, it is possible to obtain a reliable indication of the quantity using only the feed level.

4. **20150034013** METHOD AND SYSTEM FOR FEEDING AN ANIMAL A CONSUMABLE FEED PRODUCT AND VEGETATION FROM A CONTAINER

**A01K 39/01**

PURINA ANIMAL NUTRITION LLC

Miller Bill L.

Consumable feed products and vegetation are delivered to animals using a single container in which the container holds the feed product and is used to deliver the feed and which includes ungerminated seeds embedded in the container body. The seeds are caused to germinate and produce vegetation from the container body, and the germinated seeds and/or vegetation is fed to the animal. Multiple containers may be used simultaneously so that while the consumable feed product from one container is used to feed an animal, another container may be used to grow vegetation or deliver vegetation to the animal. Confined birds such as poultry and chicks may benefit from ingesting feed and vegetation produced from such containers.

5. **WO/2014/199361** A METHOD, A DEVICE AND A SYSTEM FOR DETECTING A STATE OF AN ANIMAL

**A01K 11/00**

DAIRYMASTER

HARTY, Edmond, Patrick

A device (5) attached to the neck (6) of an animal (2) comprises an accelerometer (28) which produces first and second signals indicative of movement of the animal (2) and the raised and lowered states of the head of the animal. A microprocessor (30) in the device (5) processes the first and second signals to detect ruminating, resting, feeding and three activity states of the animal during respective second predefined time periods of approximately 15 minutes duration. Data indicative of the states of the animal is stored by the microprocessor (30) in the device (5) and periodically transmitted to a cloud computer server which further processes the data to determine various health states and other issues of the animal.

6. **WO/2014/199362** A METHOD, A DEVICE AND A SYSTEM FOR DETERMINING A STATE OF AN ANIMAL

**A01K 29/00**

DAIRYMASTER

HARTY, Edmond, Patrick

A device (5) attached to the neck (6) of an animal (2) comprises an accelerometer (17) which produces first and second signals indicative of the raised and lowered state of the head (7) of the animal (2) and movement of the animal (2). A microprocessor (20) in the device (5) processes the first and second signals to determine if the animal is ruminating, resting, feeding or in a highly active state during respective second predefined time periods of approximately 15 minutes duration. Data indicative of the ruminating, resting, feeding and the highly active state of the animal is stored by the microprocessor (20) in the device (5) and is periodically wirelessly communicated to a
The invention relates to a method for positioning an individually metered out food portion on an animal cage arranged in a row of animal cages for fur animals, in particular mink, by means of a motorized feed cart comprising wheels, at least one driving wheel, and a feed container, said method comprises the steps of: - moving said feed cart along a row of animal cages, thereby turning the wheels of the feed cart, - determining by means of the control unit that the feed cart has reached a given position corresponding to a given cage from a database of information related to at least positions of animal cages and desired size of food portions to each animal cage, - controlling the feed cart to metering out the desired food portions at a suitable food delivering place at the given animal cage according to the information in said database, - determining by means of the control unit and said database whether a medication should be provided at the given animal cage, and - metering medication out according to the information in the database.

A feed control system, a feeding system and a method for feeding animals comprises an autonomous feed displacer (3') which displaces animal feed (4) and subsequently measures the height of the displaced animal feed (5) using a feed level meter (8). Since the displaced, pushed back animal feed results in heaps of surprisingly constant shape, it is possible to obtain a reliable indication of the quantity using only the feed level.

A device and method for detecting lameness in a standing animal uses at least one optical imaging device coupled to processing arrangement. The optical imaging device is arranged in a position to capture at least one image showing the lower portions of at least one leg of an animal and to forward the image to the processing arrangement, which, in turn, analyses the image to determine a condition of lameness when said at least one leg is held in a raised position on or above ground level. The system is particularly suited to detecting lameness in dairy animals and can be integrated in a milking or feeding stall or with an automatic or semi-automatic milking system.
An accidental ingestion detecting apparatus according to the present disclosure includes: a swallowing sensing unit which senses swallowing by an animal; a swallowing detecting unit which detects swallowing based on sensing data outputted by the swallowing sensing unit and which outputs swallowing information that is information related to the swallowing; a feeding information inputting unit which accepts input of information related to feeding of the animal and which outputs the information as feeding information; and an accidental ingestion determining unit which determines accidental ingestion by the animal, wherein the accidental ingestion determining unit determines accidental ingestion by the animal based on date/time information included in the swallowing information and date/time information included in the feeding information.

The invention regards an animal monitoring system for determining feed consumption of one or more animals feeding at a feeding area, comprising an imaging unit for range imaging the feeding area, identification means configured to uniquely identify each feeding animal, and processing means configured for assessing the amount of feed consumed by each identified animal by determining the reduction of feed in subsequent images of the feeding area in front of each identified animal.

The inventive technology generally relates to the field of animal feed distribution systems. In particular, the inventive technology includes general as well as specific methods and apparatus for the loading and/or distribution of baled animal feed. The inventive technology may provide for a hydraulically-controlled bale feeding device that may be used to load, and laterally discharge bale “flakes” through a cantilevered hydraulic armature. The system may also utilized a hydraulic slicing arm to aid in the flaking process as well as be adaptable to lifting devices, such as a pallet head on a traditional tractor and/or steer-skid.
A method for positioning an individually metered out food portion on an animal cage arranged in a row of animal cages for fur animals, in particular mink, by means of a motorized feed cart having wheels, at least one driving wheel, and a feed container, the method including moving the feed cart along a row of animal cages, thereby turning the wheels of the feed cart, determining by means of the control unit that the feed cart has reached a given position corresponding to a given cage and a database of information related to at least positions of animal cages and desired size of food portions to each animal cage, controlling the feed cart to metering out the desired food portions at a suitable food delivering place at the given animal cage according to the information in the database, determining by means of the control unit and the database whether a medication should be provided at the given animal cage, and metering medication out according to the information in the database.

14. 2770818 AUTOMATIC ANIMAL FEEDING AND WATERING DEVICE

A01K 5/02 — 12844408

A device catering for the dietary needs of animals. Feed is stored in a hopper and distributed at intervals to the animal’s feeding receptacle via an internal dispensing mechanism using a flexible rotor sealing against the walls of a housing to both meter the feed and seal against contamination. The quantities and delivery times may be set by the user. An optional weighting system can be provided to increase accuracy of delivered feed amounts. Optionally, the device may include a water delivery system. Water is provided by a plumbed domestic connection and is available to the animal at all times, except during the automatic change cycle. A pump is utilized to change the water several times a day, in an attempt to remove any contaminants that may affect the water quality that is required to be dispensed.

15. 20140238303 METHOD OF AND DEVICE FOR MANAGING A GROUP OF DAIRY ANIMALS, AS WELL AS A COMPUTER PROGRAM PRODUCT THEREFOR

A01J 5/007 — 14270393 Maasland N.V. ANDRÉ Gerrit

A device and computer program product arranged to manage a group of dairy animals including individually recognizing each animal by an animal identification system, milking the animals to give actual milk yields for each animal, and feeding the animals with a predetermined individual ration, collecting data regarding the group of dairy animals, which data includes for each animal at least the actual milk yield and an amount of the individual ration consumed by the animal, wherein subsequent individual milk yields are estimated using a model on the basis of said data, and wherein, for one or more animals, at least one of the individual ration and the milking of individual dairy animals is adjusted in a regulatory step of the model using a precondition.

16. 103999797 Animal management method and animal management system for achieving same

CN 27.08.2014
The invention relates to an animal management method and an animal management system for achieving the same. The system comprises a main control terminal and a plurality of controlled terminals. Each animal body wears a controlled terminal, the controlled terminal monitors data of the corresponding animal such as the position, the heart rate, the body surface temperature, the feeding condition and the exercise quantity and transmit the data to the main control terminal, so that workers can timely find the animals with abnormal bodies and the lost animals and facilitate the follow-up work.

17. 103999824 Ecological sheep raising method

YUNYANG JIANFENG
BREEDING SHEEP SPECIALIZED COOPERATIVES

The invention discloses an ecological sheep raising method. The ecological sheep raising method comprises the steps of building a house, namely building no less than one row of sheep houses on a mountain slope, wherein multiple unit colony houses are arranged in the sheep houses in a partition mode, the right opposite side of the sheep houses is provided with an activity area defined by a net, the activity area is divided into multiple independent unit activity areas by partition nets, each unit colony house is correspondingly provided with two unit activity areas, and each corresponding unit activity area is provided with an independent house door; grassing, namely planting guinea grass in two unit activity areas corresponding to each unit colony house in turn in a periodical mode; feeding, namely performing grazing in the morning and afternoon and feeding concentrated feeds to sheep at noon and at night. By performing ecological sheep raising on the mountain slope, a large amount of cultivated lands can be prevented from being occupied, the balance of an ecological grass and animal husbandry system can be ensured, and the mutton quality and nutritional value of goat's milk are improved.

18. 0002526709 SYSTEMS AND METHOD FOR ADMINISTERING PRODUCTS TO ANIMALS

FIELD: food industry. SUBSTANCE: invention refers to systems and methods for administering food and other products to animals. In general, the invention provides for a dispensing system containing an activity control device and a dispensing device containing a processor programmed to receive messages generated by the activity control device. The processor carries out management of the dispensing device for release of a food or other product in response to a message from the activity control device. The activity control device may be mounted on the animal, communicating with the dispensing device regarding the animal's food needs. EFFECT: ensuring an optimal regime of animals feeding. 54 cl
ADMINISTERING PRODUCTS TO ANIMALS

FIELD: food industry. SUBSTANCE: invention refers to systems and methods for administering food and other products to animals. In general, the invention provides for a dispensing system containing an activity control device and a dispensing device containing a processor programmed to receive messages generated by the activity control device. The processor carries out management of the dispensing device for release of a food or other product in response to a message from the activity control device. The activity control device may be mounted on the animal, communicating with the dispensing device regarding the animal’s food needs. EFFECT: ensuring an optimal regime of animals feeding. 54 cl

20. 20140235152 SYSTEM AND METHOD FOR PROCESSING MEAT

A22B 7/00 — 14215779 Long David H. Long David H.

A system and method is shown for processing animals, such as calves, from birth to slaughter by utilizing hot-fed rations during the feeding process. The system and method reduces or eliminates the need to use hormones and simultaneously reduces or eliminates the need to sterilize the meat products. Each calf or animal is weaned at a weaning station, fed at a feeding station, slaughtered at a slaughter station to provide a carcass that is substantially the same size as other carcasses for the same breed of animal processed in the system. The consistent carcass size enables manufacture of consistent carcasses which, in turn, facilitates providing substantially the same size meat cuts. This feature enables use of a standard-size packaging, such as a case-ready package, which may be shipped for display and purchase at a store.

21. 103975868 Intelligent chicken raising control system

A01K 31/18 — 201410236272.1 JIANGSU CHANGSHUN AGRICULTURE AND ANIMAL HUSBANDRY CO., LTD.

The invention relates to the field of a chicken raising system, in particular to an intelligent chicken raising control system. The intelligent chicken raising control system comprises a chicken shed, the top of the chicken shed is provided with a lighting control device, the bottom of the chicken shed is provided with an excrement cleaning device, and the lighting control device and the excrement cleaning device are electrically connected with a controller respectively. Via the lighting control device and suitable solar illumination, sun light can be utilized to facilitate calcium absorption inside chickens by opening roofs of the chicken shed; via the excrement cleaning device, the shed is regularly cleaned to provide a clean living environment; via a feeding device, the chickens are fed automatically and regularly, and labor cost is reduced.

22. 2763589 METHOD AND APPARATUS FOR DETECTING LAMENESS IN LIVESTOCK

A61B 5/11 — 12787928 DELAVAL HOLDING AB AXELSSON
A device and method is proposed for detecting lameness in a standing animal that comprises at least one optical imaging device (20) and a processing arrangement (30) with the optical imaging device. The optical imaging device (20) is arranged in a position to capture at least one image showing the lower portions of at least one leg of an animal (100) and to forward the image to the processing arrangement (30), which, in turn, is configured to analyse the image to determine a condition of lameness when said at least one leg is held in a raised position on or above ground level. The system is particularly suited to detecting lameness in dairy animals and can be integrated in a milking or feeding stall or with an automatic or semi-automatic milking system.

23. METHOD OF RECLAMATION OF FALLOW LANDS FOR HAYFIELDS AND PASTURES AND DEVICE FOR ITS IMPLEMENTATION

FIELD: agriculture. SUBSTANCE: group of inventions relates to the field of agriculture. The method comprises pasturing by animals, destroying of not eaten, harmful and poisonous plants, levelling animal excrement, and removal of uneaten residues by harrows and rakes, fertiliser application, as well as creation of tree and shrub shelterbelts. At that on the area intended for hayfields and pastures area after pasturing by animals the fertilisers are initially applied, and then the uneaten plants are destroyed, tilting them and applying herbicide by method of smearing it on their biomass, including stems and lower surface of leaves. Harrowing and treatment the grass with rake is carried out after the start of regrowth of plants eaten by animals. The device comprises a reservoir for the herbicide, as well as a pump for feeding it to the tubular perforated rods with means for application of the herbicide to the plants. The perforated rods are mounted behind each other in parallel with the ability of horizontal and vertical displacement, and the device for application of the herbicide to the plants is made in the form of capillary cloth located between the pressure plates and attached on the perforated parts of the said rods which are connected and framed with the cloth and placed in the tubular casings with longitudinal slots through which the cloth is passed, compressed by the pressure plates fixed on the edges of the slots. And the perforated tubular rods are communicated with each other by the hose, at that the inlet end of the front tubular rod is connected to the pump and the outlet end of the rear rod through the drainage tube with the valve - with a reservoir for the herbicide to form a flow regulated system. Furthermore, the perforated tubular rods and their casings are attached to the frame, mounted on the propellers, with freedom of vertical and horizontal displacement. EFFECT: inventions enable to simplify the technology of creation of forage land on fallow lands with simultaneous formation of tree-shrub belts. 6 cl, 3 dwg, 2 ex
agriculture. The method comprises pasturing by animals, destroying of not eaten, harmful and poisonous plants, levelling animal excrement, and removal of uneaten residues by harrows and rakes, fertiliser application, as well as creation of tree and shrub shelterbelts. At that on the area intended for hayfields and pastures area after pasturing by animals the fertilisers are initially applied, and then the uneaten plants are destroyed, tilting them and applying herbicide by method of smearing it on their biomass, including stems and lower surface of leaves. Harrowing and treatment the grass with rake is carried out after the start of regrowth of plants eaten by animals. The device comprises a reservoir for the herbicide, as well as a pump for feeding it to the tubular perforated rods with means for application of the herbicide to the plants. The perforated rods are mounted behind each other in parallel with the ability of horizontal and vertical displacement, and the device for application of the herbicide to the plants is made in the form of capillary cloth located between the pressure plates and attached on the perforated parts of the said rods which are connected and framed with the cloth and placed in the tubular casings with longitudinal slots through which the cloth is passed, compressed by the pressure plates fixed on the edges of the slots. And the perforated tubular rods are communicated with each other by the hose, at that the inlet end of the front tubular rod is connected to the pump and the outlet end of the rear rod through the drainage tube with the valve - with a reservoir for the herbicide to form a flow regulated system. Furthermore, the perforated tubular rods and their casings are attached to the frame, mounted on the propellers, with freedom of vertical and horizontal displacement. EFFECT: inventions enable to simplify the technology of creation of forage land on fallow lands with simultaneous formation of tree-shrub belts. 6 cl, 3 dwg, 2 ex

25. 20140217017 Transforming energy and transportation into primary engines for reversing global warming and eliminating ocean acidification

C02F 3/32 — 13999195 Fry Robert C. Fry Robert C.

The invention encompasses multi-stage naturally amplified global-scale carbon dioxide capture systems combining basic capture from (CC—carbon capture) clean-coal-fired and CC gas-fired power plants, natural-gas reformation systems, cement plants, outdoor air, home and building flues, incinerators, crematoriums, blast-furnaces, kilns, refineries, factories, oil gasification systems and coal gasification systems which yield concentrated carbon dioxide, with a collective, globally distributed capture capacity of up to 3 GtC/yr, feeding the captured carbon dioxide into land-based invention stage-1 bioreactors for rapid, selective, high capacity conversion to a high-density, fast-sinking marine algae by means of accelerated photosynthesis and/or coccolithogenesis (calcification) consuming carbon dioxide as the algae bloom, and transporting the stage-1 bioreactor-produced algae to seaports for seeding the oceans at regular intervals in stage-2 operations-at-sea to produce naturally amplified 14 GtC/yr algal blooms at sea, the stage-2 operations circumventing classic prior-art (and natural) ocean fertilization limits of low bloom rate, grazers eating algae seed before it blooms, interfering buoyant strains which don’t clear the photic zone to allow light penetration for multiple blooms per year, and proximal post-bloom anoxia. A total invention CO$_2$ capture and safe storage capacity of 17 GtC/yr (land and sea) is projected during fair-weather, and a 40% foul weather down-time allowance ensures that an average 10 GtC/yr of impact capture would result. If emissions are concurrently capped by at 12 GtC/yr by 2023, with invention-assisted reduction to 6 GtC/yr by 2050, 3 GtC/yr by 2062, and 1 GtC/yr by
2078, atmospheric CO₂ will be reduced to 280 ppm by 2075.

A spin-off technology includes hydrogen (H₂) production by natural-gas reformation—enough H₂ to fuel a significant fraction of transportation by 2050. Spin-off side benefits of the invention system include restoring ideal ocean pH and re-proliferating decimated marine populations, restoring them to levels last seen in the 18th to mid-19th centuries. Additional spin-off applications of invention bioreactor algal production include silage, animal feed, feed supplements, fertilizer, biofuels, food for fish and mollusk farming, cleansing lakes and rivers of bacteria and agricultural run-off, and elimination of coastal water HAB's (harmful algae blooms), such as the notorious “red tide” in Florida.

26. 103960154 Intelligent animal feeding system and method

SHENZHEN RUNNONG TECHNOLOGY CO., LTD. 

The invention discloses an intelligent animal feeding system which comprises an electronic mark on the body of an ingestion animal, an identity recognition unit, a feeding trough, a control unit, a fodder preparing unit, a triggering unit, a biosensor and an environment collector. The fodder preparing unit, the triggering unit, the biosensor and the environment collector are respectively connected with the control unit. The identity recognition unit is used for reading information of the electronic mark and transmitting the information to the control unit. The control unit is used for analyzing behavioral habits of the ingestion animal within corresponding time according to data collected by the triggering unit, the biosensor and the environment collector, a free eating time quantum and a limited eating time quantum of the ingestion animal are set according to the behavioral habits, and the speed and the volume of edible fodder conveyed by the fodder preparing unit to the fodder trough are automatically adjusted in the set free eating time quantum. According to the intelligent animal feeding system, the behavioral habits of the ingestion animal are conformed, the stress response of the animal is reduced, and the maximization of the economic benefit of animal breeding is achieved. In addition, the invention provides a feeding method of the intelligent animal feeding system.

27. 20140213965 BIT AND SYSTEM FOR FEEDING A VISCOS AND/OR LIQUID SUBSTANCE INTO THE MOUTH OF AN ANIMAL

HALL Heidi 

Single or multiple jointed bit (1) with at least two mouthpieces (10), characterized by the fact that at least one mouthpiece (10) comprises at least one channel (100) which extends longitudinally with or without slope through this mouthpiece from one end to the other end, to enable the sending of a viscous and/or liquid substance (72) directly into the middle of the mouth of an animal (2) without changing the feeling in the animal's mouth or on its tongue (2).

28. 103947571 Intelligent sow feeding system and controlling method

SHENZHEN RUNNONG TECHNOLOGY CO., LTD. 

The invention discloses an intelligent sow feeding system which comprises an electronic mark on the body of a sow, an identity recognition unit, a feeding trough, a control unit, a fodder preparing unit, a triggering unit, a biosensor and an environment collector. The fodder preparing unit, the triggering unit, the biosensor and the environment collector are respectively connected with the control unit. The identity recognition unit is used for reading information of the electronic mark and transmitting the information to the control unit. The control unit is used for analyzing behavioral habits of the ingestion sow within corresponding time according to data collected by the triggering unit, the biosensor and the environment collector, a free eating time quantum and a limited eating time quantum of the ingestion sow are set according to the behavioral habits, and the speed and the volume of edible fodder conveyed by the fodder preparing unit to the fodder trough are automatically adjusted in the set free eating time quantum. According to the intelligent animal feeding system, the behavioral habits of the ingestion sow are conformed, the stress response of the sow is reduced, and the maximization of the economic benefit of sow breeding is achieved. In addition, the invention provides a feeding method of the intelligent animal feeding system.
The invention discloses an intelligent sow feeding system and a controlling method. The system comprises a controller, a feeding pipe, a storehouse connected with the controller, a discharging unit and a touching sensor, wherein the storehouse is connected with the feeding pipe; the controller comprises a mainboard controlling module, a controlling panel and a blanking motor; the mainboard controlling module is connected with the touching sensor, the controlling panel and the blanking motor respectively; input signals are received by the touching sensor and transmitted to the mainboard controlling module to control the blanking of the blanking motor; the system reduces the opportunities of people contacting with fodder, so that germ infection is further reduced. The invention further discloses the controlling method of the system. According to the invention, the mainboard controlling module judges whether key values exist, so that feeding mode can be selected and feeding parameters are set; the remaining capacity of auto-updated sow feeding in one day is read by the controller from the mainboard controlling module, and the mainboard controlling module starts or closes a triggering switch according to the triggering signals of the counters of the touching sensor and the mainboard controlling module, so that feeding restriction is realized, and the use of electronic ear tags is avoided.

29. 103936467 Disposal machine for fermenting organic garbage at high speed

C05F 3/06 — 201410133993.X LIU HAISHENG

The invention discloses a disposal machine for fermenting organic garbage at high speed. An automatic feeding lifting device is arranged at one end of a fermentation host; the other end of the fermentation host is connected with a gas purifying device by virtue of an exhaustion pipe; a remained material outlet is arranged at one side of the fermentation host. The machine has the advantages that swill in the kitchen, rootstock leaves, waste papers, weeds, branches, bones, shells, hairs, human and animal excreta and the like can be disposed; minimization, reclamation and harmlessness are realized and the minimization rate is more than 91.1 percent; the disposal operation is clean and complete without residues or secondary pollution; produced objects are recycled; the disposal process is fast, raw materials and the cost can be reduced, and auxiliaries are not needed to be added; the machine is low in energy consumption and low in cost, resource recycling is balanced with operating cost, and the earnings can be produced year by year only once input; the automatic feeding lifting device, an electronic weighing system and an intelligent data statistic system are complete in biochemical treatment process, can be used for integrally finishing air purification and are convenient to operate. The machine is small in land occupation, easy to manufacture and small in noise, the manpower is reduced and the air is not polluted.

30. 103910184 Automatic control device and method for sow feed delivery line

B65G 43/08 — 201310531509.4 NINGBO YIRAN ANIMAL HUSBANDRY CO., LTD. ZHANG FANGMING

The invention relates to an automatic control device and method for a sow feed delivery
line. By means of the device and the method, feeding can be performed reliably and regularly and can be controlled by a remote computer. A capacitive approach switch is fixed in a last quantitative cup, on an adjacent delivery pipe and the side of the lower portion of a feed tank respectively, and blanking ports of all quantitative cups are opened and closed through a set of drum-pulley mechanism driven by a direct-current gear motor. An embedded controller can operates and controls a set of feed delivery pipes independently, and control parameters can be set by the remote computer through a wireless data transmission module. The remote computer can be informed timely if pipe blockage, consumption of feeds in the feed tank and the failure of a quantitative cup blank mechanism are sensed on the sensor side. By means of the device and the method, the probability of blockage of chain type feed delivery pipes of pig farms is reduced greatly, and unmanned feeding is achieved through remote measuring and remote control of a computer system.

31. 103891634 Breeding hen measuring equipment CN 02.07.2014

A01K 39/014 — 201410137707.7 GUANGDONG AGRI-MACHINERY RESEARCH INSTITUTE

HUANG RUISEN

The invention discloses breeding hen measuring equipment which comprises an outer equipment frame, a feeding device, a body weight scale, a material scale, a control method, a breeding hen management system and a limiting device only allowing a breeding hen to forage each time. A front face and a rear face are arranged on the outer equipment frame, the feeding device comprises a material barrel, the material scale and a feeding driver, the feeding driver is positioned above the material barrel and mounted on the outer equipment frame, a hen feeding notch is arranged on the material barrel which is arranged on the rear portion of the outer equipment frame and connected with a material scale pressure sensor, the limiting device is arranged on the front portion of the outer equipment frame, the body weight scale is arranged below the limiting device, and the hen feeding notch on the material barrel faces the limiting device. The breeding hen measuring equipment can accurately and automatically measure growth performance like daily weight gain, daily feed intake and feed conversion rate of breeding hens and can automatically and continuously collect and record related growth data, thereby being more genuine and more accurate in measured data when compared with the prior art.

32. 103876753 Animal social intercourse and feeding behavior motive detection system CN 25.06.2014

A61B 5/16 — 201410123744.2 KUNMING INSTITUTE OF ZOOLOGY, CHINESE ACADEMY OF SCIENCES

GUO HAO

The invention discloses an animal social intercourse and feeding behavior motive detection system which is formed by sequentially connecting a single chip microcomputer system controller, a drive circuit module, an nixie tube display module, an animal pressing rod module, an infrared reflection probe detection module, an animal behavior box, a social intercourse device, a feeding device and a serial port setting module of a computer. The animal social intercourse and feeding behavior motive detection system can detect the motive of animals on the aspects of social intercourse or feeding systematically and quantitatively, and the motives of two behaviors can be
detected in one system at the same time.

33. **103884824 Sheep feed palatability measuring system**

G01N 33/02 — 20141013884.8 LANGZHOU UNIVERSITY WANG YANRONG

The invention discloses a sheep feed palatability measuring system and aims at solving the technical problems of long measurement time, a large quantity of feed, animal houses with large area, few chances for sheep for selecting feed for multiple times, incapability of dynamically recording the feeding behaviors of the sheep and the like in the prior art. The system comprises at least two conjoined feed troughs, conjoined feed trough covers, upper and lower sliding door devices and measuring devices, wherein the conjoined feed trough covers are arranged on the conjoined feed troughs; feed observing windows are arranged on the conjoined feed trough covers; through holes are formed in the feed observing windows; each measuring device comprises a weighing sensor, a laser correlation emitter and a camera. The sheep feed palatability measuring system is capable of accurately measuring time of the sheep for selecting the feed and accurately measuring feeding time; the measurement time of each sheep is short, and the quantity of the required feed is small; the sheep can be effectively separated from the feed troughs, the manual interference on the sheep is lowered, and the chance for the sheep for selecting the feed can be provided for multiple times; the feeding behaviors of the sheep can be recorded dynamically, thereby making relatively accurate evaluation on the palatability.

34. **103829238 Blood lipid lowering health food and preparation method thereof**

A23L 1/29 — 201410052772.X DALIAN SHENHONG MEDICINE CO., LTD. LIU DESHENG

The invention relates to a blood lipid lowering health food, which comprises the following bulk drugs by weight: 100-300 parts of a ginkgo biloba extract, 50-250 parts of a panax notoginseng extract, 40-240 parts of a Salvia Miltiorrhiza extract, 30-230 parts of a hawthorn extract, 30-230 parts of a radix puerariae extract, and 25-200 parts of a Polygonatum odoratum extract. Laboratory animal experiments and human feeding experiments prove that the health food prepared with dextrin, microcrystalline cellulose and a film coating agent as the main raw materials has the healthcare function of assisting in lowering blood pressure. The health food provided by the invention prevents the formation of high blood lipid and lower the blood lipid level through a variety of ways, and has a very good health care effect on promotion of the cardiovascular system health. After taking the health food, the body is relaxed and has no adverse reaction.

35. **WO/2014/073035 ANIMAL FEEDING SYSTEM, TWO-MEAL FEEDING SYSTEM, AND THREE-OR-MORE-MEALS FEEDING SYSTEM**

A01K 5/02 — PCT/JP2012/078729 FUKUSHIMA Masato FUKUSHIMA Masato

A feeding system (101), which is an example of an animal feeding system to which the present invention is applied, is provided with a feeder (102), a drawer-type feed box (103) housed in the feeder (102), and an extension cord and a ferromagnetic pendant (Q) worn by a pet. A flip-up door (3), a non-entry sliding door (43), or a sliding door
having an entry port is provided at the opening part of the feeder (102). The feeding system (101) is a system capable of automatically feeding a pet using a combination of an electromagnet and a permanent magnet.

36. **2723673 BIT AND SYSTEM FOR FEEDING A VISCOUS AND/OR LIQUID SUBSTANCE INTO THE MOUTH OF AN ANIMAL**
   
   B68B 1/06  —  12728620  
   
   HALL HEIDI  
   
   HALL HEIDI

37. **103719630 Feed for breast-feeding sheep**
   
   A23K 1/18  —  201310746746.2  
   
   HE YIFENG  
   
   HE YIFENG

The invention relates to the technical field of animal feeds, and in particular relates to a feed for a breast-feeding sheep. The feed comprises the following components in parts by weight: 20 to 30 parts of rice meal, 10 to 15 parts of rice bran, 10 to 20 parts of pumpkin powder, 15 to 25 parts of spinach, 8 to 12 parts of chicken intestine powder, 0.1 to 1.0 part of decavitamin, 0.1 to 1.0 part of trace elements, 0.2 to 2.0 parts of compound amino acid, 1 to 3 parts of sodium chloride, and 3 to 5 parts of a Chinese herbal medicine additive. The feed for the breast-feeding sheep has the beneficial effects that proper amount of vitamin, trace elements and amino acid as well as different components are added to enable sufficient nutrition of the feed; the Chinese herbal medicine additive added improves the immunity, digestive system and other body conditions of the breast-feeding sheep; Chinese herbal medicine capable of promoting lactation is also added, and thus the sheep failing to lactate can lactate after taking the feed for 3 to 5 days, and the overall lactation rate is increased by 20%.

38. **103729730 Visual monitoring traceability system and method for animal husbandry products**
   
   G06Q 10/06  —  201310681728.0  
   
   WUHAN FANGNAN TECHNOLOGY CO., LTD.  
   
   DU NAN

The invention discloses a visual monitoring traceability system for animal husbandry products. The system comprises a production information acquisition subsystem, a video information acquisition subsystem, a control subsystem and a query traceability subsystem, wherein the production information acquisition subsystem is used for collecting whole course raising information in livestock production so as to transmit the raising information to a cloud server; the video information acquisition subsystem is used for collecting video information of livestock activities, breeding environments and production work details; production information collected by the production information acquisition subsystem is transmitted to the cloud server through the control subsystem, and information of a breeding factory is transmitted to a handheld data manager and/or a feeding trolley which is connected with the control subsystem through the control subsystem; the query traceability subsystem can obtain the corresponding whole course raising information and the video information by querying the cloud server, and safe visual monitoring traceability is achieved. The invention further discloses a visual monitoring traceability method for the animal husbandry products. According to the system and method, visual monitoring traceability of livestock products can be achieved, and the problems that information is simple, one-sided and
prone to disorder and one-to-one correspondence visual traceability is hard to achieve in an existing traceability system are solved.

39. **103710351** Recombination lactic acid bacteria including epidermal growth factor and application thereof  
CN 09.04.2014  
C12N 15/12 — 201310716679.X  
ZONHON BIOPHARMA INSTITUTE, INC.  
BRUCE YONG MA  

The invention provides an encoding gene of a recombination pig epidermal growth factor, lactic acid bacteria containing the encoding gene and an application of the lactic acid bacteria, and belongs to the field of biological gene engineering. The pig epidermal growth factor is a very important polypeptide growth factor; the pig epidermal growth factor has very important effects to keep intestinal health of animals, but has the defects of not enough production amount, high price, low product purity and difficulty in feeding like most animal medicines in gene engineering. For obtaining a great amount of the recombination pig epidermal growth factor, a lactic acid bacteria expression system is used for carrying out heterologous expression on the gene of the recombination pig epidermal growth factor after codon optimization, and the recombination lactic acid bacteria are used as a viable bacteria preparation or a forage additive to improve non-specificity immunity of the pig.

40. **2709442** VACCINE AND HEALTH-RELATED APPLICATIONS FOR RUMINANT BREATH MONITORING SYSTEM  
EP 26.03.2014  
A01K 5/02 — 12786526  
LOCK INC C  
ZIMMERMAN PATRICK R  

A method for managing health of ruminants or other animals. The method includes providing a feed dispenser for feeding ruminants nutrient supplements, and the feed dispenser includes a gas analyzer where a ruminant places its head. The method includes determining a particular ruminant has accessed the feed dispenser such as by reading an identifier from an RFID ear tag and operating the feed dispenser to provide a ration of methane-controlling nutrient supplement. The method may include using the identifier to determine that the animal should be vaccinated such as based on their age and no record of prior vaccination. The method includes dispensing a dose of a nasal vaccine into the feed dispenser near the animal's nostrils. The method may include discharging a diagnostic agent such as propane or carbon monoxide and processing data collected to diagnose the animal as having a disease or condition such as a lung-related sickness

41. **103636514** Experimental animal feeding negative pressure isolator  
CN 19.03.2014  
A01K 1/03 — 201310648380.5  
AOXING PHARMACEUTICAL EQUIPMENT (SHIJIAZHUANG) CO., LTD.  
HE GUOQIANG  

The invention provides an experimental animal feeding negative pressure isolator which comprises an external box body and an inner cage. The inner cage is arranged inside the external box body, the external box body is provided with a fast conveying connector valve, a drain outlet, operation gloves and a ventilation system, the ventilation system
comprises an exhaust air primary filter, a first level exhaust air high-efficiency filter, a second level exhaust air high-efficiency filter, a draught fan and a high-efficiency filter, the high-efficiency filter is connected to the fresh air port supplying air for the isolator and is connected to an air return port connected to the draught fan, and the draught fan is provided with an exhaust outlet. The experimental animal feeding negative pressure isolator improves integral leakproofness, simplifies the operation procedures of article forwarding, achieves the functions of on-line monitoring of the integrity of the filters and the on-line replacing of the filters, and avoids pollution to external environments when the filters are replaced.

42. 103609463 Piglet incubator

INSTITUTE OF ANIMAL SCIENCE AND VETERINARY MEDICINE, SHANDONG ACADEMY OF AGRICULTURAL SCIENCES

The invention relates to the technical field of pig raising, in particular to a piglet incubator. The piglet incubator comprises an incubator body which is a sealed box body, a door is arranged on one side of the sealed box body, the incubator body comprises an inner wall, a heat-preservation layer, an isolating layer and an outer wall from inside to outside, a heating device is arranged between the inner wall and the heat-preservation layer, a feeding trough and a drinking bowl are arranged inside the incubator body, and the incubator body is further provided with a temperature, humidity and ammonia concentration control device. The piglet incubator facilitates ingestion, drinking, playing and resting of piglets, newly born piglets and sick and weak piglets are placed in the piglet incubator to be prevented from making contact with the outside, outside dust, foam and bacteria are prevented from entering the piglet incubator, and the protecting function is achieved; according to the temperature, the humidity and the ammonia concentration, exhaust fans and a heating system are started automatically, and a small environment meeting requirements of the piglets is produced; an electric heating wire is arranged inside the piglet incubator to regulate the temperature of the piglet incubator, and the piglet incubator is good in heat-preservation performance, resistant to cracking and corrosion, easy to clean, safe and durable, and saves energy.

43. 103598120 Shrimp breeding method

DANYANG QINGYUN AGRICULTURAL DEVELOPMENT CO., LTD.

The invention discloses a shrimp breeding method. The shrimp breeding method comprises the following steps of preparation of a shrimp pond, and daily management of feeding: raising shrimps, feeding other nutrient substances in the shrimp pond, guaranteeing cleanness and nutrition of water, strictly filtering filled water so as to prevent harmful organisms from flowing in the shrimp pond along with the water, preventing glue-green algae and preventing oxygen deficit. By using the shrimp breeding method, a stable ecological system can be formed, the immunity of shrimps can be improved, the survival rate of the shrimps is increased, the growing time of the shrimps is reduced, and the shrimps can appear on the market in time so as to achieve the balance of supply and demand; and moreover, because baits comprise natural plants and animal feeding stuff, the cost of the baits can be reduced for fishermen. By the
shrimp breeding method, stable yield and harvesting can be guaranteed, the income of the fishermen is increased, and abundant nutrient substances are provided for consumers.

44. 103598878 Infrared animal sign monitoring module thing network system device with identity recognition function  
A61B 5/0205 — 201310517093.0 QINGDAO AGRICULTURAL UNIVERSITY  
The invention discloses an infrared animal sign monitoring module thing network system device with an identity recognition function. The device comprises a single chip microcomputer and further comprises an infrared sensor, a temperature signal collection module, a pulse signal collection module, a signal processing module, a motion detection module and a self code recognition module. The temperature signal collection module, the pulse signal collection module, the signal processing module and the self code recognition module are electrically connected with the single chip microcomputer. The infrared sensor is electrically connected with the single chip microcomputer through the temperature signal collection module and the pulse signal collection module, and the motion detection module is electrically connected with the signal chip microcomputer through the signal processing module. By means of the device, integration of identity recognition and feeding process data informatization like disease preventing and treating is achieved, a standard system is improved, and the device lays a foundation for a source tracing and disease preventing and treating thing network.

45. 20140019312 System and method for control of commodities inventory for animal feed rations  
G06Q 10/00 — 13546920 Renz Steve Renz Steve  
A data processing system and method are provided in the form of a livestock management system for specifically managing feeding tasks for a group of animals within a designated location. The system and method incorporate a data processing function wherein comprehensive data is gathered and maintained on individual feed rations which are selectively used to feed a selected group of animals. Functionality of the management system and method include the ability to track amounts of ingredients used for each type of feed ration and any excess or surplus ingredients which may have been withdrawn from storage locations. The management system and method results in improved commodity inventory control to prevent waste of ingredients and to prevent potential cross contamination between different types of feed ration.

Fuente: ESPACENET

Expresión de búsqueda: Dieta para animales

Suplemento mineral a base de algas para incrementar los niveles de yodo y selenio en la dieta animal y en los productos derivados de los mismos
Procedimiento para usar una cepa de Bacillus subtilis para potenciar la salud animal

Una composición que comprende Bacillus subtilis QST713 (número de acceso NRRL: B21661) o un mutante de Bacillus subtilis QST713, en donde el mutante tiene todas las características identificativas de Bacillus subtilis QST73, en donde el mutante tiene una identidad de secuencia de ADN para Bacillus subtilis QST713 de al menos un 95 % para potenciar la salud de un animal distinto de insecto y distinto de ser humano, en
donde se incrementa la eficacia de la utilización alimentaria o ganancia de peso del animal distinto de insecto y distinto de ser humano.

PROCEDIMIENTO DE OBTENCIÓN DE COMPOSICIONES PROTEGIDAS PARA ALIMENTACIÓN ANIMAL, COMPOSICIONES Y USO DE LAS MISMAS

Resumen de ES2523418 (A2)

Procedimiento de obtención de composiciones protegidas para alimentación animal, composiciones y uso de las mismas. La invención versa sobre un nuevo procedimiento de síntesis, en una única reacción o en una doble reacción, de composiciones para alimentación animal que comprenden sales de ácidos orgánicos seleccionados entre, ácido fórmico, láctico, propiónico, butírico, valeriánico, laúrico, benzoico, caprílico o cáprico, protegidas con jabones ricos en ácidos grasos presentes en grasas vegetales. La invención describe además, las propias composiciones para alimentación animal que comprenden las sales de dichos ácidos orgánicos protegidas con los jabones, su uso en alimentación animal, particularmente en animales monogástricos y el propio alimento o pienso que comprende las composiciones descritas en la invención.

Uso de ácido benzoico y timol, eugenol y piperidina en la alimentación animal

Inventor(es): FRESHNER MARCO; GADIENT MARTIN; PAULUS CHRISTOPHE; PHILIPPS PETRA
Uso de ácido benzoico en combinación con una mezcla de compuestos activos que comprenden timol, eugenol y piperina, para la fabricación de una composición de pienso para la mejora de la relación de conversión del pienso y/o aumento de peso diario y/o para la modulación de la flora intestinal en animales, en el que el animal se selecciona de pollo para asar y gallina ponedora, pavos y patos.

**Aditivo antioxidante natural para alimentación animal y agua potable**

Uso de un aditivo natural que actúa sobre el intestino con propiedades antioxidantes que contiene sustancias activas naturales y/o idénticas a las naturales que comprende; - un
primer componente que comprende una o varias hojas molidas de olivos (Olea europaea L), un extracto de lo mismo obtenible por extracción con agua, alcohol o una combinación de lo mismo, y un producto de hoja de olivo molido residual restante después de la eliminación de una o más sustancias por dicha extracción, y; - un segundo componente que comprende al menos uno de un bagazo primario basado en un subproducto de la producción de vino, que es un primer producto residual obtenible por prensado del zumo de las uvas, un bagazo secundario, que es un segundo producto residual obtenible por prensado de un producto residual después de la fermentación del bagazo primario, y un bagazo terciario que es un tercer producto residual obtenible por eliminación de una o varias sustancias por extracción del bagazo secundario, dicho segundo componente obtenible de plantas de la uva (Vitis vinifera L), como un aditivo para pienso para animales para conversión de alimentación mejorada en los animales.

Acidos del lúpulo en sustitución de antibióticos en la alimentación animal

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<td>BR0314131 (A) MXPA05003255 (A)</td>
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Resumen de **ES2443991** (T3)

Un método para disminuir la producción de fuentes de carbono no oxidadas en un fluido del sistema digestivo del ganado que comprende: la adición de ácido del lúpulo a dicho alimento para el ganado, administrar al ganado dicho alimento para ganado mezclado con ácido del lúpulo, la disminución de la producción de fuentes de carbono no oxidadas en un fluido del sistema digestivo del ganado en donde los ácidos del lúpulo seleccinaban de al menos uno de entre el grupo que consiste en ácidos beta, ácidos iso-alfa, ácidos tetrahidro isoalfa.
Composición rica en metionina destinada a la alimentación animal

Inventor(es): FUERTES PATRICK +
Solicitante(s): ROQUETTE FRERES []
Clasificación: - internacional: A23K1/16; C12P13/12
Número de solicitud: ES20100763723T 20101014
Número(s) de prioridad: FR20090057183 20091014 ; WO2010EP65428 20101014
Familia Latipat: MX2012004278 (A)

Resumen de ES2438747 (T3)

Aditivo alimenticio para la alimentación animal que comprende, incluso que consiste en, una composición demetionina procedente de un proceso de fermentación que comprende: - del 60 al 95%, en particular del 70 al 95%, en peso de metionina, - del 0,05 al 2,5%, en particular del 0,1 al 2%, en peso de N-acetil-metionina, y - del 0,05 al 3,5%, en particular del 0,2 al 3%, en peso de isoleucina.

ADITIVO ALIMENTAR BASEADO EM BIOSÓLIDOS PARA NUTRIÇÃO ANIMAL E MÉTODOS DE PRODUÇÃO

Inventor(es): LOGAN ANDREW J; SWENSON RANDY; TERRY SETH SPRAGUE +
Solicitante(s): OBERON FMR INC [US] +
Clasificación: - internacional: C12N1/00; C12N1/02
Número de solicitud: BR2008PI19240 20081031
Número(s) de prioridad: US20070984653P 20071101 ; WO2008US82029 20081031
Familia Latipat: ES2424758 (T3) MX2010004717 (A)

Resumen no disponible para BRPI0819240 (A2)
BIO RAÇÃO E PROCESSO DE FERMENTAÇÃO E ESTABILIZAÇÃO DE RAÇÃO ANIMAL PARA FABRICAÇÃO DA BIO RAÇÃO

Inventor(es): PEREIRA JOSE WAGNER JUCA

Solicitante(s): PEREIRA JOSE WAGNER JUCA [BR]

Clasificación: - internacional: C12P1/00; C12P1/04

Número de solicitud: BR20131004484 20130226

Número(s) de prioridad: BR20131004484 20130226

Resumen de BR102013004484 (A2)

BIO RAÇÃO PROCESSO DE FERMENTAÇÃO E ESTABILIZAÇÃO DE RAÇÃO ANIMAL PARA FABRICAÇÃO DA BIO RAÇÃO. Em um aspecto geral, a presente invenção proporciona um processo de fermentação e estabilização de rações para uso animal, especialmente rações para uso na aquicultura, avicultura, percuária e suinocultura, porém, não impede que a bio ração seja utilizada por outros grupos de animais, guardada as devidas proporções de seus componentes. Esta bio ração poderá ter um nível proteico mais baixo, proporcionando grande economia para o prudtor, em função de sua disponibilidade e fácil digestão para os animais arraçoados, que aproveitam quase a totalidade das proteínas contidas na bio ração, ganhando peso mais rapidamente ou melhorando sua produção de carnes, leite, ovos e outros derivados. Além disso, esta ração proporciona aumento da imunodefesa dos animais. A bio ração é composta por biomassa de alimentos para animais, com adição de concentrado de aminoácidos, nitrogênio e outros ingredientes conforme a necessidade de cada grupo animal e seus objetivos, cujo processo de fabricação contém etapas de fermentação e estabilização da bio ração.

COMPOSIÇÃO ALIMENTAR A PARTIR DE PALMÁCEA E SUAS APLICAÇÕES NA ALIMENTAÇÃO ANIMAL

Inventor(es): ALMEIDA MARIO DE JR; CABRAL SERGIO LUCIO
Resumen de BR102012029493 (A2)

COMPOSIÇÃO ALIMENTAR A PARTIR DE PALMÁCEA E SUAS APLICAÇÕES NA ALIMENTAÇÃO ANIMAL. A presente invenção trata-se de uma composição alimentar baseada no uso de diferentes partes do fruto de Palmaceae, preferencialmente da macaúba (Acrocomia aculeata), oriundos da reutilização de diferentes resíduos produzidos durante o processamento dessa matéria-prima na extração do seu óleo ou outros subprodutos. Esta composição alimentícia é utilizada na preparação de diferentes produtos, tais como ração, aditivo alimentício, concentrados e suplementos alimentares para uso animal, sobretudo para ruminantes. Tal composição é complementada por um ou mais ingredientes selecionados entre farelos vegetais, minerais, aditivos, incluindo o óleo desse fruto, antioxidantes e outros. As características energéticas e proteicas apresentadas pela combinação da polpa integral e da torta de amêndoa previamente processadas são adequadas para alimentação animal em diferentes estágios do seu desenvolvimento, principalmente para crescimento, lactação e terminação. O balanceamento dos outros ingredientes resulta em produtos adequados para atender às exigências orgânicas do animal, respeitando os fatores relacionados à sua digestibilidade, para obtenção de melhores taxas de ganho de peso, sobretudo para ruminantes em fase de terminação em confinamento ou semiconfinamento.

COMPOSIÇÃO DE RAÇÃO PARA ANIMAL DE ESTIMAÇÃO, E, USO DA MESMA

Página favorito BRPI0807790 (A2) - COMPOSIÇÃO DE RAÇÃO PARA ANIMAL DE ESTIMAÇÃO, E, USO DA MESMA
Inventor(es): FRIESEN KIM GENE; YAMKA RYAN MICHAEL; ZICKER STEVEN CURTIS
Solicitante(s): HILLS PET NUTRITION INC [US]
Clasificación: - internacional: A23K1/16; A23K1/18
- cooperativa:
Número de solicitud: BR2008PI07790 20080222
Número(s) de prioridad: US20070891171P 20070222 ; WO2008US54789 20080222
prioridad:
Familia Latipat: BRPI0807789 (A2) BRPI0807372 (A2) BRPI0807373 (A2)

Resumen no disponible para BRPI0807790 (A2)

COMPOSIÇÃO DE RAÇÃO PARA ANIMAL DE ESTIMAÇÃO, RAÇÃO PARA ANIMAL DE ESTIMAÇÃO, E, USO DE UMA COMPOSIÇÃO

Página favorito BRPI0807789 (A2) - COMPOSIÇÃO DE RAÇÃO PARA ANIMAL DE ESTIMAÇÃO, RAÇÃO PARA ANIMAL DE ESTIMAÇÃO, E, USO DE UMA COMPOSIÇÃO

Inventor(es): FRIESEN KIM GENE; YAMKA RYAN MICHAEL; ZICKER STEVEN CURTIS +
Solicitante(s): HILL S PET NUTRITION INC [US] +
Clasificación: - internacional: A23K1/16; A23K1/17; A23K1/18
- cooperativa:
Número de solicitud: BR2008PI07789 20080222
Número(s) de prioridad: US20070891171P 20070222; WO2008US54773 20080222
Familia Latipat: BRPI0807790 (A2) BRPI0807372 (A2) BRPI0807373 (A2)

Resumen no disponible para BRPI0807789 (A2)

FARINHA DE PIRANHAS PARA RAÇÃO ANIMAL

Página favorito BR102012024054 (A2) - FARINHA DE PIRANHAS PARA RAÇÃO ANIMAL

Inventor(es): PAULA MARCIO RUIZ DE +
Solicitante(s): PAULA MARCIO RUIZ DE [BR] +
Clasificación: - internacional: A23K1/10
- cooperativa:
Número de solicitud: BR20121024054 20120924
Número(s) de prioridad: BR20121024054 20120924

Resumen de BR102012024054 (A2)
FARINHA DE PIRANHAS PARA RAÇÃO ANIMAL, quando a pesca tenho meios de superar, e quanto a dessecção e também a moagem já existem meios disponíveis no mercado, mas por se tratar de matéria prima de domínio público e de propriedade da União e fiscalizada por no mínimo três órgãos federais (IBAMA, DNPR, ANA e Ministério da Pesca e Aquicultura), sendo necessário por tanto garantias mínimas para que se possa investir e dedicar-se a tal projeto.

PROCESSO DE EXTRAÇÃO E FABRICAÇÃO DE PRODUTOS NATURAIS A BASE DE SEMENTES DE MORINGA OLEÍFERA DESTINADOS ÀS INDÚSTRIAS DE RAÇÃO ANIMAL, COMBUSTÍVEIS, ALIMENTÍCIAS, COSMÉTICAS SANEANTES E EM USINAS SUCROALCOOLEIRAS, CONSTITUÍDOS PELAS ETAPAS DE CATAÇÃO/EXTRUSÃO DA CASCA DA SEMENTE DE MORINGA, EXTRAÇÃO A FRIO E FILTRAÇÃO INSTANTÂNEA DO ÓLEO VEGETAL, MOAGEM, PULVERIZAÇÃO, SECAGEM AMÍDICA E PELA FASE DE ENRIQUECIMENTO FLOCULANTE E CLARIFICANTE DO BIOATIVO COAGULANTE

BR102012003623 (A2) - PROCESSO DE EXTRAÇÃO E FABRICAÇÃO DE PRODUTOS NATURAIS A BASE DE SEMENTES DE MORINGA OLEÍFERA DESTINADOS ÀS INDÚSTRIAS DE RAÇÃO ANIMAL, COMBUSTÍVEIS, ALIMENTÍCIAS, COSMÉTICAS SANEANTES E EM USINAS SUCROALCOOLEIRAS, CONSTITUÍDOS PELAS ETAPAS DE CATAÇÃO/EXTRUSÃO DA CASCA DA SEMENTE DE MORINGA, EXTRAÇÃO A FRIO E FILTRAÇÃO INSTANTÂNEA DO ÓLEO VEGETAL, MOAGEM, PULVERIZAÇÃO, SECAGEM AMÍDICA E PELA FASE DE ENRIQUECIMENTO FLOCULANTE E CLARIFICANTE DO BIOATIVO COAGULANTE

Página favorito

Inventor(es): DA SILVA THIAGO CAVALCANTI; TRUCHLAEFF CLAUDIO
Solicitante(s): CLAEFF ENGENHARIA PROJETOS E INSTALACOES IND LTDA
Clasificación:
- internacional: A23K1/14; C11B1/06
- cooperativa:
Número de solicitud: BR20121003623 20120217
Número(s) de prioridad: BR20121003623 20120217

Resumen de BR102012003623 (A2)
PROCESSO DE EXTRAÇÃO E FABRICAÇÃO DE PRODUTOS NATURAIS A BASE DE SEMENTES DE MORINGA OLEÍFERA DESTINADOS ÀS INDÚSTRIAS DE RAÇÃO ANIMAL, COMBUSTÍVEIS, ALIMENTÍCIAS, COSMÉTICAS, SANEANTES E EM USINAS SUCROALCOOLEIRAS, CONSTITUÍDOS PELAS ETAPAS DE CATAÇÃO/EXTRUSÃO DA CASCA DA SEMENTE DE MORINGA, EXTRAÇÃO A FRIO E FILTRAÇÃO INSTANTÂNEA DO ÓLEO VEGETAL, MOAGEM, PULVERIZAÇÃO, SECAGEM AMÍDICA E PELA FASE DE ENRIQUECIMENTO FLOCULANTE E CLARIFICANTE DO BIOATIVO COAGULANTE, obtido com as seguintes fases: 1-Preparação da matéria prima, 2-Produção de farelo protético e vitamínico composto pela vagem e casca da semente de moringa desidratada, 3-Produção de óleo vegetal protético e vitamínico extra virgem de moringa, 4-Produção do Bioativo Coagulante Fosfatado onde serão produzidos três produtos de interesse do mercado consumidor, com a máxima eficiência de extração dos ativos orgânicos visando à isenção de resíduos de produção. A produção consiste em processo de batelada visando evitar contaminação de microorganismos prejudiciais aos produtos desenvolvidos. A semente de moringa oleifera é constituída por aproximadamente 40% de óleo vegetal protético e vitamínico onde 78%, 7,0% e 4% consistem em óleo oléico, palmítico e esteárico respectivamente, lipídeos estes bastante utilizados tanto pelas indústrias de combustíveis visando a produção do Biodiesel quanto pelas alimentícias e cosméticas devido ao seu bom paladar e ao seu potencial hidratante, remineralizante e doador de brilho aos cabelos pelo fato do seu elevado potencial protético.

UPSTO

Expresión de búsqueda: Animal diet

Method and system for creating and using a supplement to balance animal diets

Abstract

The present invention provides a computer program for determining the optimum diet of an animal, determining what nutritional deficiencies exist in that diet, and formulating a supplement to correct those deficiencies. It allows the creation of a nutritionally complete and balanced diet with a sufficient but not excessive quantity of water, energy, protein, fat, carbohydrate, amino acids, fatty acids, vitamins, minerals, and vitamin-like nutrients. The specific compositions of supplements generated using the computer program are also claimed.

Inventors: Delaney; Sean Joseph (Davis, CA)
Applicant: Name City State Country Type

Delaney; Sean Joseph Davis CA US
Family ID: 37187266
Methods for managing weight loss and body mass

Abstract

The invention provides methods for promoting weight loss by an animal, promoting weight loss by an animal while preventing or minimizing loss of lean body mass by the animal, preventing a reduction in energy metabolism by an animal, reducing the risk of regaining weight by an animal after weight loss, and ameliorating undesirable animal behaviors associated with reduced caloric intake by intermittently feeding an animal a first diet containing calories that meet the animal's maintenance energy requirements and a second diet containing calories that do not meet the animal's maintenance energy requirements. In preferred embodiments, the described feeding pattern and diets are fed in conjunction with one or more weight loss agents.
Methods of reducing phosphate absorption

Abstract

It is disclosed here a method for reducing phosphate absorption in a human or non-human animal subject wherein the subject consumes a diet containing phytic acid or phytate and either has or is at risk of developing hyperphosphatemia. The method includes the step of administering orally to the subject an anti-intestinal alkaline phosphatase antibody in an amount effective to reduce or maintain the serum phosphate concentration in the subject.
Use of a high-oleic and high-tocol diet in combination with a non-tocol antioxidant for improving animal meat quality

Abstract

A novel method for improving the meat quality of an animal is provided. In one embodiment, the method comprises feeding the animal a diet supplemented with oleic acid and tocols and subsequently formulating the meat with a non-tocol antioxidant such as rosemary extract. The source of the oleic acid and/or tocols may be transgenic corn that employs the FAD-2 gene as a silencing agent for a high-oleic phenotype and/or expresses the HGGT gene for a high-tocotrienol phenotype. The method improves the quality of meat from both non-ruminants and ruminants.

Inventors: Wolf; Fred R. (Urbandale, IA), Zimmermann; Cindi S. (Madrid, IA), Saunders; Court A. (Clive, IA)

Applicant:

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<td>Wolf; Fred R.</td>
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<td>Clive</td>
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Antioxidant combinations for use in ruminant feed rations

Abstract

The present invention provides a combination of antioxidants that effectively stabilize different types of fats utilized in a ruminant diet. When included in a ruminant feed ration or water source, the antioxidant combination typically increases nutrient digestion, such as fiber and protein, improves rumen fermentation, improves microbial growth, improves microbial efficiency, increases milk production and/or milk fat, improves antioxidant status of the ruminant, and attenuates the negative effects of some fats in the ruminant animal.
Bowman; Gavin R. Chesterfield MO US
O’Fallon MO US
Assignee: Novus International, Inc. (St. Charles, MO)
Family ID: 38950020
Appl. No.: 11/674,916
Filed: February 14, 2007

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