

Search strategy

Query

(ELECTRIC AND FENCE AND WIRE AND FARM AND INSULATOR)/TX/BI/SA/KEYW/IN/PA
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100 Documents

Publication numbers	Title	Current assignees
EP3588516 A1	Electric fence conductor, electric fence device, method of making and operating same	HORIZONT
JP2006174703 A	Electric fence	SURGE MIYAWAKI
WO200826944 A1	Improvements in and relating to electric fence systems	GALLAGHER
EP3192332 A2	An electric fence energizer system and methods of operation and components thereof	DATAMARS
JP2009000027 A	Variable electric pasture fence	NATIONAL AGRICULTURE & FOOD RESEARCH ORGANIZATION
JP2016042796 A	Electric fence system	APOLLO HAMBAL
KR20100112969 A	High-voltage line fixation beloved child of electric fence	JO GU HO
KR101057631 B1	Electric fence using a solar cell and operation method thereof capable of reducing electricity consumption	SHINPOONG DESIGN
EP2816875 A2	Direct current electric fence device	EINETTER ANITA, ...
WO9511550 A1	A pulse generator for electric fences	STAFIX ELECTRIC FENCING
JP2005151748 A	Power supply device of impulse voltage generator of electric fence	SUEMATSU DENSHI SEISAKUSHO
EP2838349 A1	Electric fence and assembly therewith	LELY
KR20160001597U U	Electric fence insulators for high voltage cable fixing for combating wildlife	PARK, Kwang-bae
KR101300319 B1	Insulator for an electric fence capable of fixing a wire in which high voltage flows	JEON JOONG KOO
JP2003038083 A	Electric fence	ISONO MASAO 2 1 NEGISHI TAITO KU TOKYO 9 2 0 MANSION THE CASTLE 3 0 2
JP2015047122 A	Electric fence system	APOLLO HAMBAL
CN104652917 A	Wind power type Internet of Things monitoring system and pulse electric fence	HANGZHOU BOQIA INTELLIGENT TECHNOLOGY
JP2011167102 A	Improvement in wild animal electric shock method using electric fence	IP SERVICE
JP2005030770 A	Voltage measuring device for electric fence and voltage measuring method	TIGER
JP2005192501 A	Strut of electric fence	SUEMATSU DENSHI SEISAKUSHO
JP2015149917 A	Power supply device for electric fence	SUIDEN

Publication numbers	Title	Current assignees
JP3175300U U	Electric fence insulator for biasing Stanchion	SUEMATSU DENSHI SEISAKUSHO
JP2008061562 A	Electric fence system for preventing intrusion of harmful animals	TIGER, ...
JP3145408U U	Voltage measuring device for an electric fence	TIGER
JP3154328U U	For electric fence posts	SUEMATSU DENSHI SEISAKUSHO
EP2262359 A1	Outrigger	MANAWATU TRUSTEES
JP2019146535 A	Power supply for electric fence	KYOTO DENSHI GIKEN
JP2004129600 A	Electrified fence	KYOTO UNIVERSITY
JP3217947U U	Electric fence for fighting harmful Veterinary	Tanaka Hitoshi
JP3158875U U	For electric fence posts	SUEMATSU HIROSHI
JP2020092713 A	Post for wire holding in animal permanent fence	NATIONAL AGRICULTURE & FOOD RESEARCH ORGANIZATION, ...
DE102004047237 B3	Insulators on post for electric fence marking off stretch of grazing land on farm consist of rings on either side of conductor rail surrounding fastening bolts	LINDEN ANDREAS
JP2011003411 A	Conductive wire supporting insulator	SURGE MIYAWAKI
US20140312288 A1	Fence post insulator apparatus and methods	HOUSTON NORMAN DEVERNE
EP--58693 A1	Alarm system for electric fences	NORMAN W HUTCHINSON & SONS
EP-935805 A1	Electrobraid fence	E B F MANUFACTURING
JP08112055 A	Electric fence	NICHIA
US4883923 A	Electric fence insulator for holding various conductor types, including tape-type	NORTH CENTRAL PLASTICS INTERSTATE 35W & HIGHWAY 30 ELLENDALE MN 56026, ...
US3562407 A	Height-adjustable, insulating collar clip for anchoring wire to electric livestock fence posts	ROBERT E BEEBE
KR20070039515 A	Electronic fence	KIM, DOO-YOUNG
JP09201140 A	Electric wire supporting apparatus of electric fence	SUEMATSU DENSHI SEISAKUSHO
DE4433496 A1	Electric fence for use on farm	THOMA HEINZ
US6209853 B1	Electric wire insulator and support bracket for metal fence posts	ROY DUANE L.
KR101710370 B1	Power-saving smart electrical fence system	CHO, BYUNG-HAK
CN207038260U U	Can follow fence insulator that alloy wire passed	NINGXIA ZHONGKE WULIAN TECHNOLOGY

Publication numbers	Title	Current assignees
JP11169007 A	Energizing apparatus for electric fence	NICHIA
US4725825 A	Electric fence voltage indicator light	AMCO PARTNERSHIP A PARTNERSHIP OF MINNESOTA
US2805277 A	Electric fence insulator	MOELLER LEONA N
JP3552219 B1	Electric fencing tool for preventing invasion of wild boar	SUEMATSU DENSHI SEISAKUSHO
US5369909 A	Apparatus for killing insects along an electric fence	FARRIS HARDEN
CN207038261U U	Alloy wire can be followed and cyclic annular pendant of insulator is passed	NINGXIA ZHONGKE WULIAN TECHNOLOGY
CN104632538 A	Pasture internet-of-things monitoring system powered up by wind electricity and automatic water feeding device	HANGZHOU BOQIA INTELLIGENT TECHNOLOGY
JP2011167105 A	Method for harvesting and growing wild deer and facility thereof	IP SERVICE
US2530247 A	Wire fence fabric having selected horizontal strands electrically insulated	KOONZ JOHN C
US5419083 A	Electric-fence gate	RASS HANS A., ...
US2423785 A	Electric fence insulator	MARKMAN GEORGE F
US1483005 A	Electric fence	DUY MCNAIR ALBERT
CN207110650U U	Load that alloy wire passed insulator can be followed and cyclic annular pendant is used	NINGXIA ZHENGYUAN TECHNOLOGY
IN2008MU01797 A	Solar fence guard	CHHAGANBHAI NARANBHAI PATEL
DE202018002952 U1	Differentiating fence conductors	HORIZONT
US2850561 A	Electric fence support	BAUMAN CLARENCE A, ...
JP2016192921 A	Corner post of simple fence for animals	NATIONAL AGRICULTURE & FOOD RESEARCH ORGANIZATION, ...
JP3111295U U	Electric fence conductor rope	KOBAYASHI MUSEN KOGYO
WO2013110918 A1	A device for controlling the movement of an animal	HH ROBERTSON
CN204552266U U	Wind-powered electricity generation formula thing networking control system	HANGZHOU BOQIA INTELLIGENT TECHNOLOGY
WO202048958 A1	A pasture demarcation system for grazing animals	GRAZEBOT
US3297820 A	Electric fence insulator device	KEW JOHN P, ...
WO200495894 A1	Farmer's test stick	DAVID PIRRIIT, ...
CN204553092U U	Pasture thing networking control system of wind-force power supply	HANGZHOU BOQIA INTELLIGENT

Publication numbers	Title	Current assignees
		TECHNOLOGY
CN208400250U U	Pulse electronic fence	ZHEJIANG FUZHONGLIAN POWER TECHNOLOGY
CN207037859U U	Electronic fence system with sentry removes	NINGXIA ZHONGKE WULIAN TECHNOLOGY
GB1365390 A	Fence posts	HALL J H
EP2850264 A1	A fence standard	GALLAGHER
EP3498086 A1	Tank housing a vertical farm	PARCITANK
EP2199714 A1	Refrigerator	PANASONIC
WO2006134942 A1	Field effect transistor, biosensor provided with it, and detecting method	ARKAY, ...
KR20170090121 A	Fence for breeding animals	SEO, KI-WON
EP3601060 A1	Process for the gravimetric filing in sterile conditions of solids in a pharmaceutical container	LABORATORIOS FARMACEUTICOS ROVI
US5322032 A	Fence identification device	KALETA DONALD J
US20020003195 A1	Electric wire insulator and fastener	MCDOWELL MATT
DE4103901 A1	Apparatus for erecting a temporary fencing	WIER JAN HENRY
JP2011113698 A	Conductive wire installing device	TIGER
US4493480 A	Electrified fence gate	NICHOL BUD
JP2002209467 A	Farm of cross breed of wild and domestic duck	MURAKAMI YOSHITAKA
JP5192606 B1	Pole extension member	TIGER
US3456067 A	Fence wire mounting device	DARE PRODUCTS
DE102008048621 A1	Area i.e. agricultural area, limitation device for open land animal husbandry, has conducting fence mounted on supports with non-conducting distance pieces and non-conducting fence , and lower tunneling guard controlling eroding of device	MODLMAIR HANS
US20150076433 A1	Means for protecting a fence line	BRANDFORD JEREMY, ...
WO200051144 A1	Insulator	GALLAGHER
CN205409038U U	Fence is raised in deer class animal field with take electric ?protection?device	YIN DONGDONG
US3071640 A	Fence insulators	NORTH CENTRAL PLASTICS
EP1427055 A1	Low cost antennas using conductive plastics or conductive composites	INTEGRAL TECHNOLOGIES
CN201892994U U	High-voltage electronic impulse type probe	SHANGHAI YANLONG INTELLIGENT TECHNOLOGY
US3684248 A	Fence gate handle	MAES

Publication numbers	Title	Current assignees
CN207029355U U	Carrier that can move on fence	NINGXIA ZHONGKE WULIAN TECHNOLOGY
US20120295468 A1	Springless electric gate tensioner	CAMPBELL ROBERT J A
JP04278034 A	Fence equipment	SHINGIJYUTSU KAIHATSU JIGYODAN
WO200018224 A1	Scaring device and bare wire for scaring device	JUNZO TOYOTA
GB200700848 D0	Post insertion and fencing apparatus	CARBIS DAVID
CN206976771U U	Cyclic annular pendant is used to load along alloy wire slides	NINGXIA ZHENGYUAN TECHNOLOGY

Family 1/100 - FAMPAT - ©Questel

Title

(EP3588516)

Electric fence conductor, **electric fence** device, method of making and operating same

Publication numbers

EP3588516

Publication dates

2020-01-01

Abstract

(EP3588516)

The invention relates to an **electric** conductor to at least one **fence** extending in a longitudinal direction of the **electric fence** strand electrically non-conductive carrier and at least one conductor extending in the longitudinal direction of the **electric fence** conductor extending electrically conductive conductor strand, which is connected thereto with the electrically non-conductive carrier, wherein the electrically-conductive conductor strand along the longitudinal direction of the **electric fence** conductor at least in sections comprises a casing having an insulating material. The invention further relates to a method of manufacturing the same and to an associated **electric fence** device and a method of operating the same.

Images

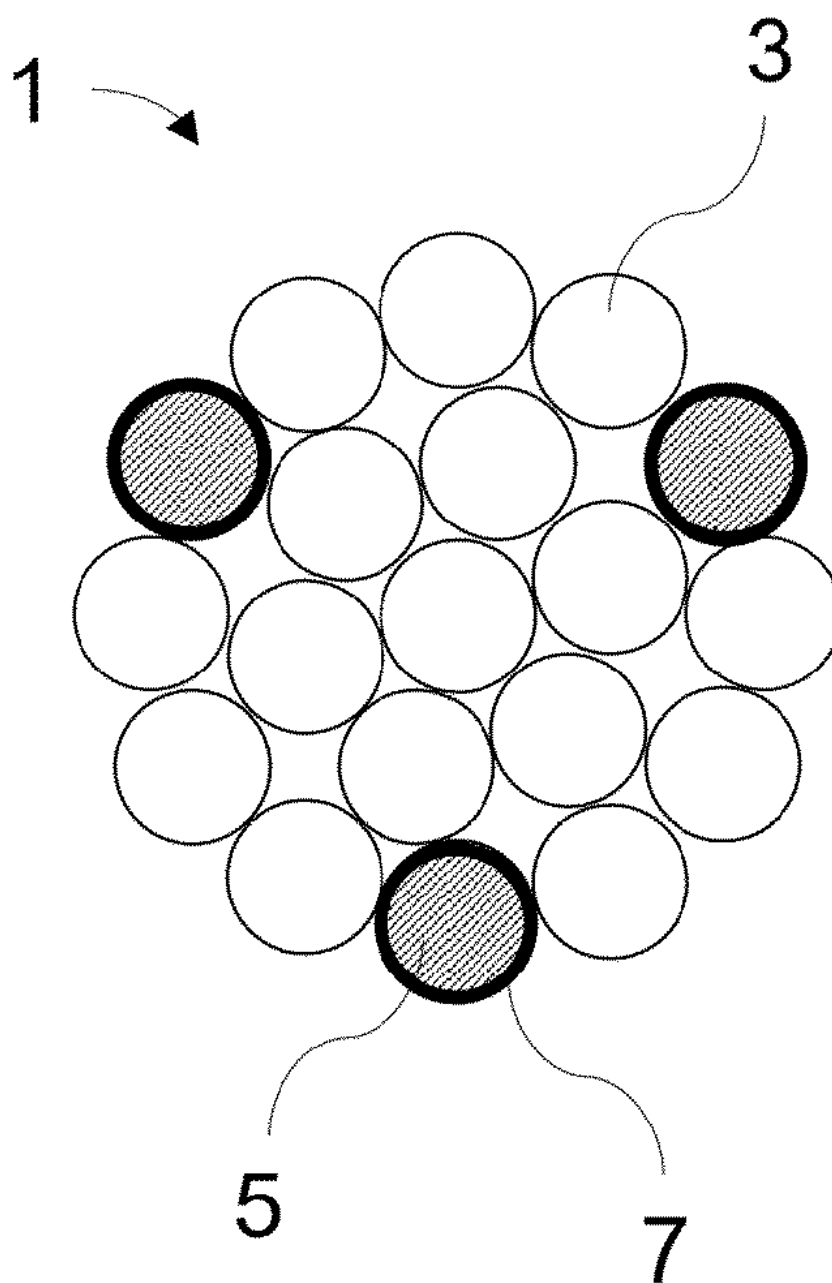


Fig. 1

Family 2/100 - FAMPAT - ©Questel

Title

(JP2006174703)

Electric fence

Publication numbers

JP4401279

JP2006174703

Publication dates

2010-01-20

2006-07-06

Abstract

(JP2006174703)

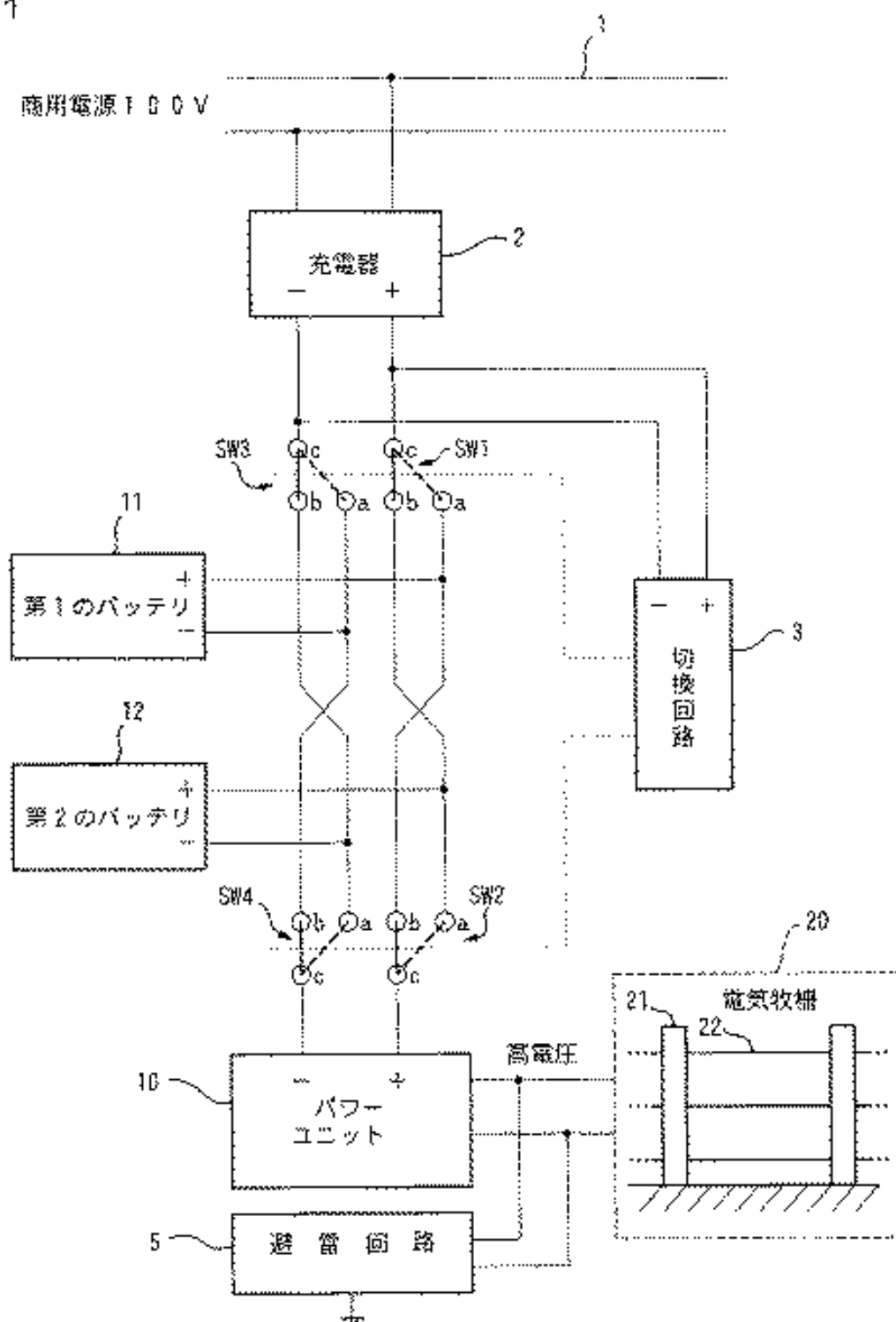
PROBLEM TO BE SOLVED: To continuously send an **electric** current to an **electric fence** even in the case of power failure or thunderbolt without stopping turning on electricity, to make the **electric fence** always function and to prevent animals from escaping from the **fence** so as to prevent secondary damages by animals.

SOLUTION: The **electric fence** 20 has constitution that wires 22 are spread in a plurality of piles 21 in an insulated state from the ground surface and a high voltage is applied from a power unit 10 to the wires. The power unit 10 is equipped with a plurality of chargeable batteries 11 and 12 for driving the unit 10, at least one battery charger 2 for charging the batteries 11 and 12 and a switching device 3. The switching device 3 separates one of the batteries 11 and 12 from the battery charger 2 and connects it to the power unit 10 and connects the other to the battery charger 2 or keeps it in a neutral state.

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Images

図 1



Family 3/100 - FAMPAT - ©Questel

Title

(WO200826944)

Improvements in and relating to **electric fence** systems**Publication numbers**

WO2008/026944

NZ548876

WO2008/026944

Publication dates

2009-07-09

2009-01-31

2008-03-06

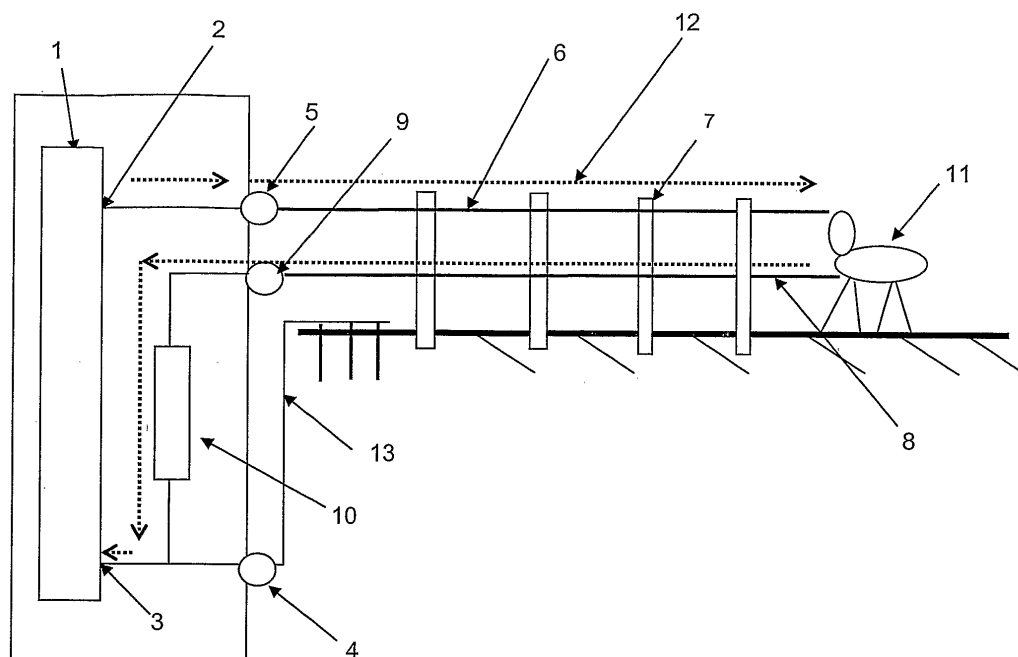
Abstract

(WO2008/026944)

The field of the invention is **electric** fencing. The problem to be solved by the invention is restricting the level of shock obtainable from an earth **wire** return system without limiting the shock available from a ground **wire** return system in a single energiser. The solution is the incorporation of an additional earth terminal (9) on the energiser which incorporates a protective impedance (10) in series with it. The earth terminal incorporating the protective impedance can be connected to the **wire** of an earth **wire** return **electric fence** system (8), and the other earth terminal (4) connected to a **wire** from the ground return system (13) of the **electric fence** installation. This invention provides control of the maximum current through an earth return current path independent of the current through the ground return current path in an **electric fence** system.

Images

Figure 1



Family 4/100 - FAMPAT - ©Questel

Title

(EP3192332)

An **electric fence** energizer system and methods of operation and components thereof**Publication numbers**

US20170303375

EP3192332

AU2015316243

WO2016/039648

WO2016/039648

Publication dates

2017-10-19

2017-07-19

2017-04-06

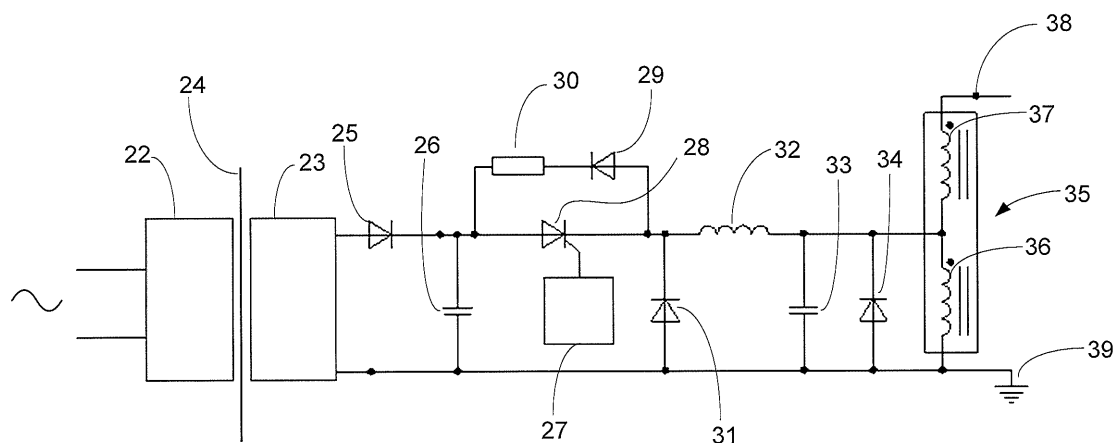
2016-05-26

2016-03-17

Abstract

(EP3192332)

An **electric fence** energizer including an IPC (isolated power coupling) power transmitter and an IPC power receiver adapted to receive power from the IPC power transmitter and supply power to the energizer. A pulse shaping circuit between an energy source and output transformer of the energizer may include a series inductance of between $2\ \mu\text{H}$ to $20\ \mu\text{H}$ and a parallel capacitance of between $3\ \mu\text{P}$ to $30\ \mu\text{P}$. The energizer output transformer may comprise a primary winding consisting of less than 15 turns and a secondary winding of between 5 and 50 times the number of turns of the primary winding. The energizer may produce a pulse having a duration of between $20\ \mu\text{s}$ and $60\ \mu\text{s}$ and a peak amplitude greater than 5 kV into $300\ \Omega$.

Images

Family 5/100 - FAMPAT - ©Questel

Title

(JP2009000027)

Variable **electric** pasture **fence****Publication numbers**

JP4982774

JP2009000027

Publication dates

2012-07-25

2009-01-08

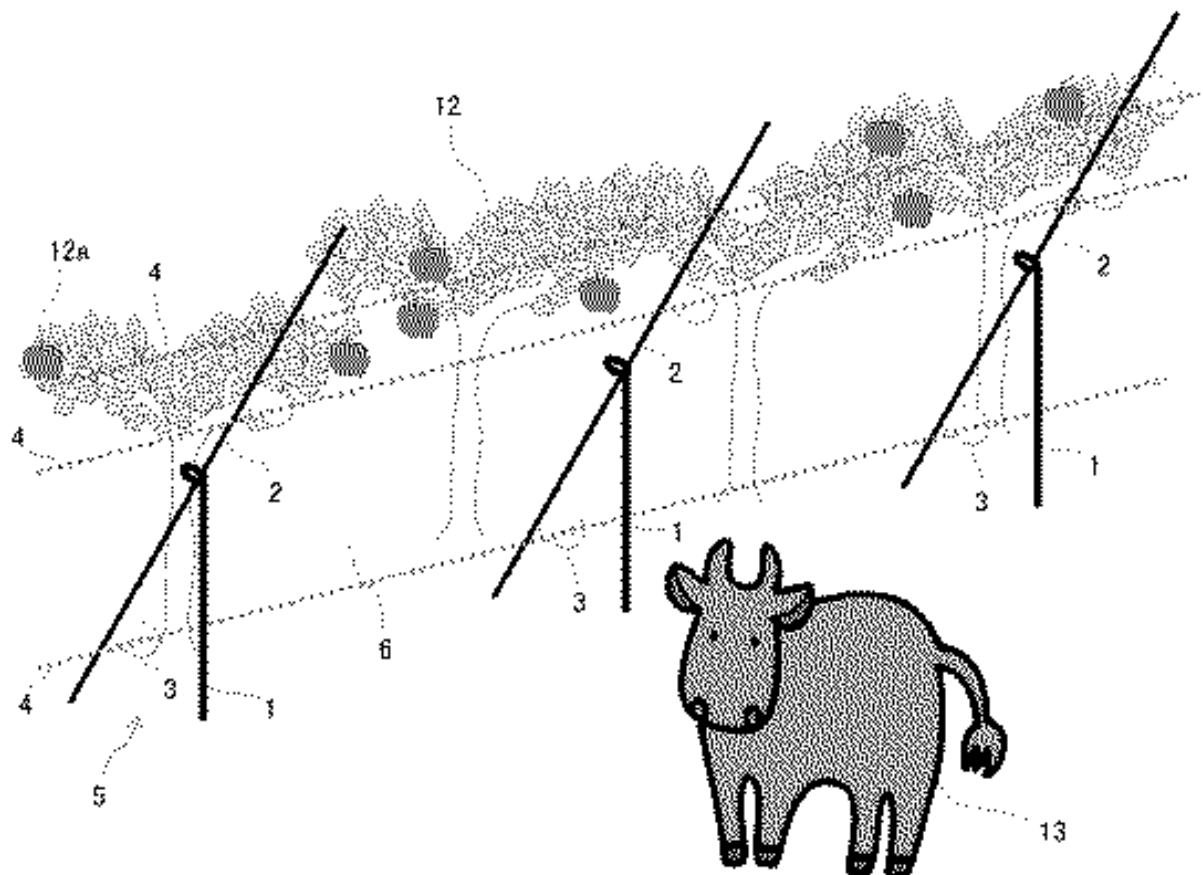
Abstract

(JP2009000027)

PROBLEM TO BE SOLVED: To provide a variable **electric** pasture **fence** in which the height of **electric** pasture **fence** line from the ground surface and inclination angle of **electric** pasture **fence** plane can be regulated, according to the changes in the attitude and the size following the growth of useful plant, and the kind of animal causing damages from eating.

SOLUTION: **Fence** poles 5 are constituted of an electrical insulating **insulator** 3 for stretching **electric** pasture **fence** lines 4; and an **insulator** fixing pole 2, equipped with the **insulator** 3; and a fixing prop 1 that is fixed by inserting the lower part of the fixation prop into the ground is furnished with a ring-shaped structural portion 7, having a ring-shaped surface inclined with respect to the length direction by 0-90 degrees at the top portion, regulates the height of the **insulator** 3 attached to the **insulator** fixing poles 2 from the ground and the inclination angle of the **insulator** fixing pole 2, by changing the insertion angle of the **insulator** fixing pole 2 inserted through the ring-shaped structural portion 7 into the ground surface and fixes the **insulator** fixing pole 2. The variable **electric** pasture **fence** is formed by installing two or more pasture **fence** poles 5 and stretching the **electric** pasture **fence** lines 4, between the two or more pasture **fence** poles through the **insulator** 3.

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Images

Family 6/100 - FAMPAT - ©Questel

Title

(JP2016042796)

Electric fence system

Publication numbers

JP6461515

JP2016042796

Publication dates

2019-01-30

2016-04-04

Abstract

(JP2016042796)

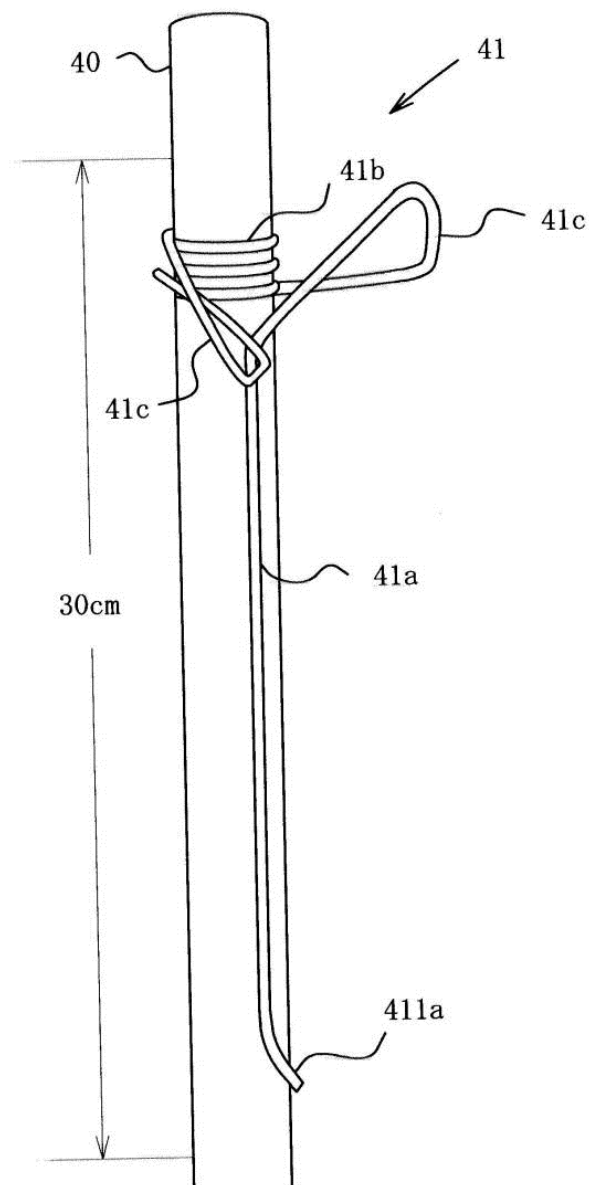
PROBLEM TO BE SOLVED: To provide an **electric fence** system capable of preventing intrusion of harmful animals.

SOLUTION: An **electric fence** system is configured so that: an **electric fence** 20 to which a high voltage is applied, is stretched around, for preventing intrusion of harmful animals 70; plural stages of bare wires 30 of both of plus and minus potentials are interconnected to a pole 40 of the **electric fence** 20; on the pole 40 between the bare wires 30, 30 of both potentials, a plus potential extension part 41a electrically conducted to the plus potential bare **wire**, and/or, a minus potential extension part 41a electrically conducted to the minus potential bare **wire**, are provided for preventing intrusion of the harmful animals from the pole 40 part.

SELECTED DRAWING: Figure 3

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Images



Family 7/100 - FAMPAT - ©Questel

Title

(KR101014073)

High-voltage line fixation beloved child of **electric fence**

Publication numbers

KR101014073

KR20100112969

Publication dates

2011-02-14

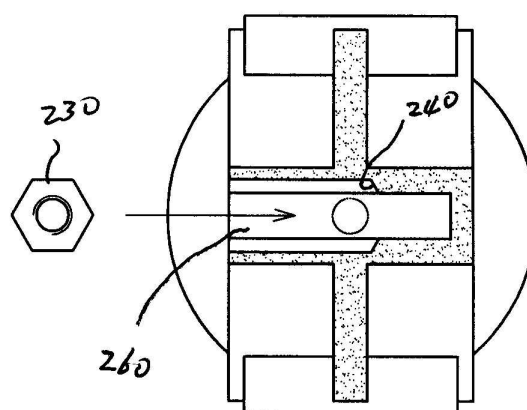
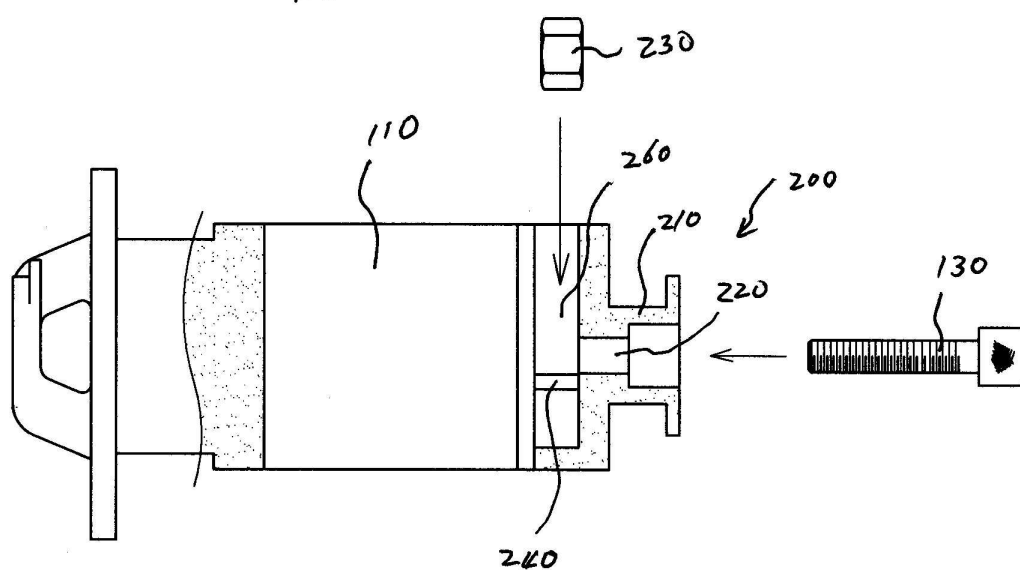
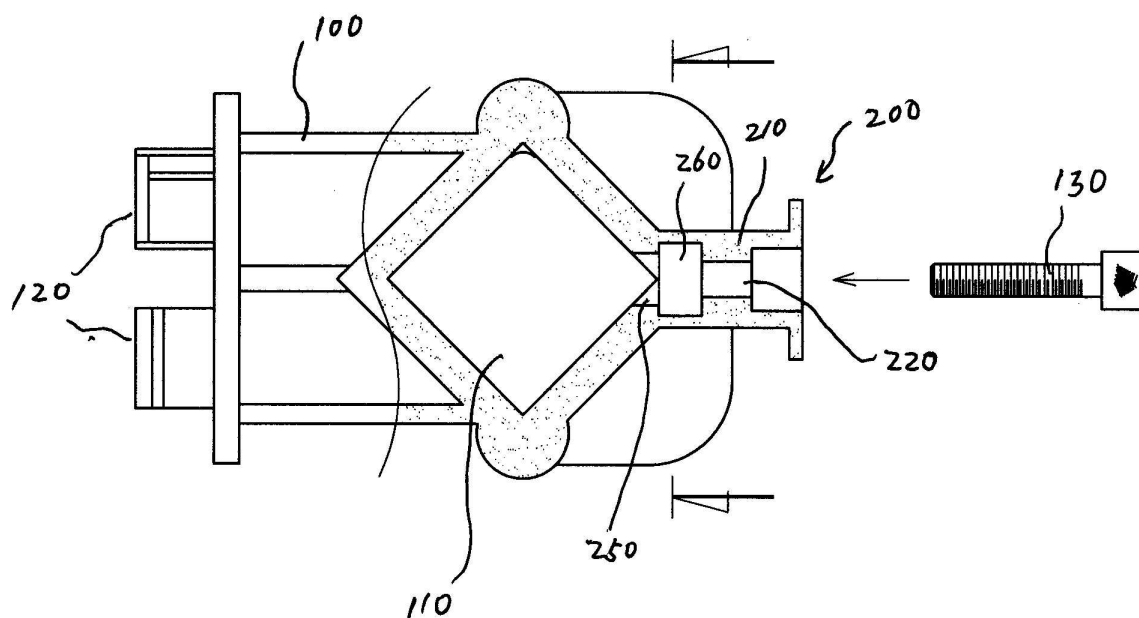
2010-10-20

Abstract

(KR20100112969)

PURPOSE: A high voltage line **insulator** installed in a **farm** is provided to reduce maintenance and repair costs of an **electric fence** by replacing only nuts when the nuts are defective. CONSTITUTION: A support rod combining groove(110) is positioned on one side of a body(100). A pair of **insulator** loops(120) are positioned on the front of the support rod combining groove. A protrusion(210) is formed on the rear of the support rod combining groove. A bolt combining groove(220) connected to the support rod combining groove is formed on the protrusion. A bolt(130) and a metal nut(230) are positioned between the support rod combining groove and the bolt combining groove.

Images



Family 8/100 - FAMPAT - ©Questel

Title

(KR101057631)

Electric fence using a solar cell and operation method thereof capable of reducing electricity consumption**Publication numbers**

KR101057631

Publication dates

2011-08-18

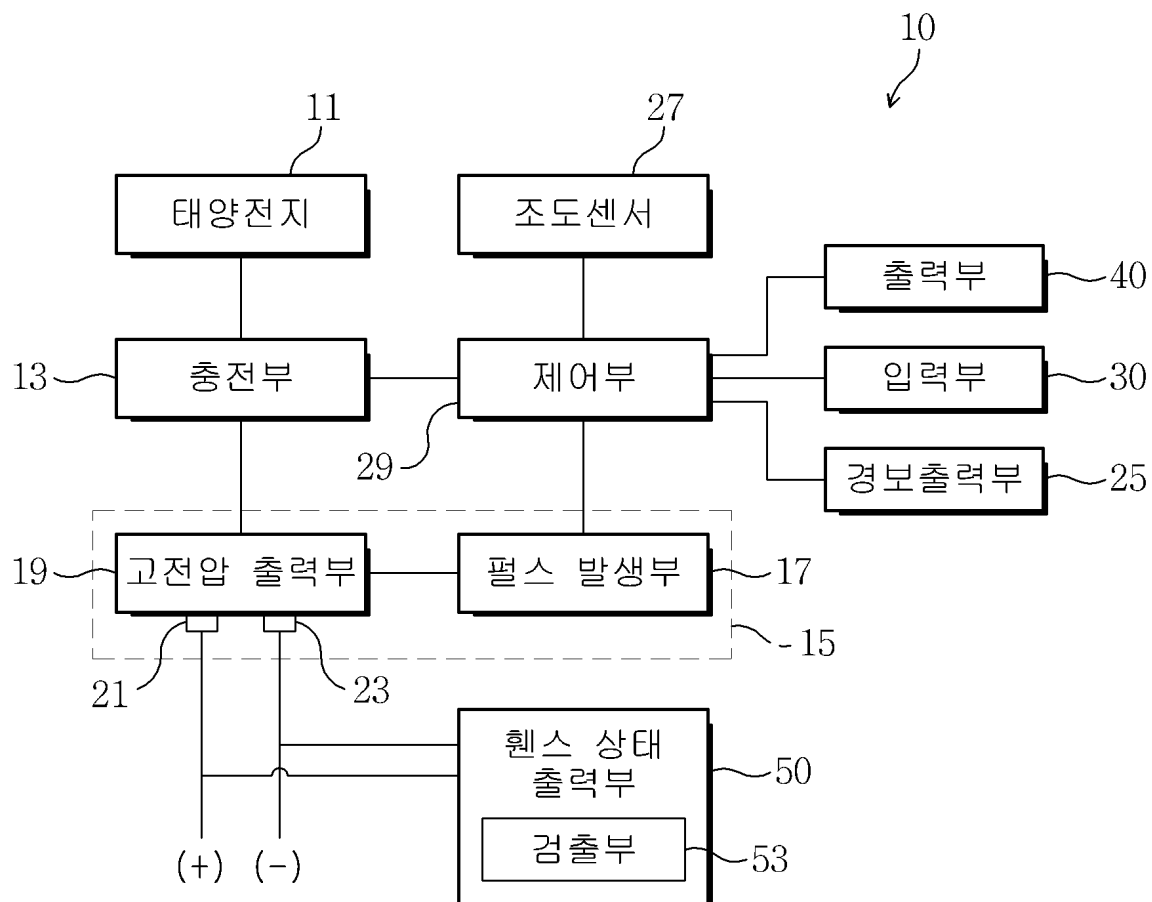
Abstract

(KR101057631)

PURPOSE: An **electric fence** using a solar cell and an operation method thereof are provided to prevent damage to wild animals when the wild animals are in contact with the **fence** by outputting warning sounds and light.

CONSTITUTION: An **electric fence** using a solar cell comprises a solar cell(11), a charging unit(13), a pulse high-voltage output unit(19), and a control unit(29). The solar cell converts solar energy into **electric** energy. The charging unit receives the converted **electric** energy. The pulse high-voltage output unit receives power from the charging unit and outputs high-voltage for warning or high-voltage for sensing. When the charging amount of the charging unit is more than the critical charging amount, the control unit periodically supplies high-voltage for warning to the **fence**. When the charging amount of the charging unit is less than the critical charging amount, the control unit generates high-voltage for sensing which is lower than the high-voltage for warning.

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Family 9/100 - FAMPAT - ©Questel

Title

(EP2816875)

Direct current **electric fence** device**Publication numbers**

AT514451

EP2816875

EP2816875

Publication dates

2015-01-15

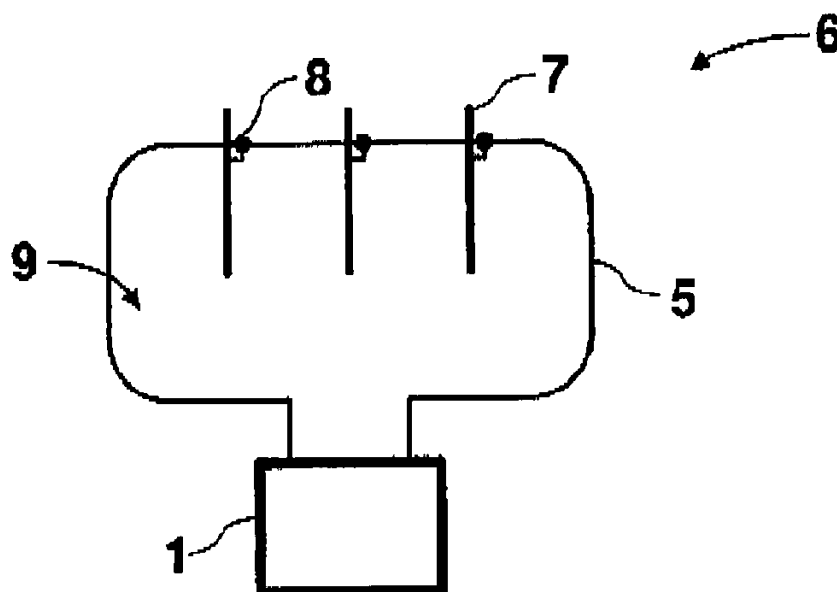
2015-01-07

2014-12-24

Abstract

(EP2816875)

Dc voltage for the **electric fence** (1) hats of animals with a dc generator (2), wherein the dc voltage generator (2) and an energy storage medium (2b), preferably a capacitor (C1), has, in the case of galvanic contact with an electrical load to the energy storage device (2b) the energy from said substantially completely, instantly and preferably entirely, delivered to the load.

Images**Fig. 1**

Family 10/100 - FAMPAT - ©Questel

Title

(WO9511550)

A pulse generator for **electric** fences

Publication numbers

AU703132

US5767592

GB2299471

NZ250037

GB2299471

GB9609375

AU662286

AU8006394

WO95/11550

Publication dates

1999-03-18

1998-06-16

1998-06-03

1998-01-26

1996-10-02

1996-07-10

1995-08-24

1995-05-08

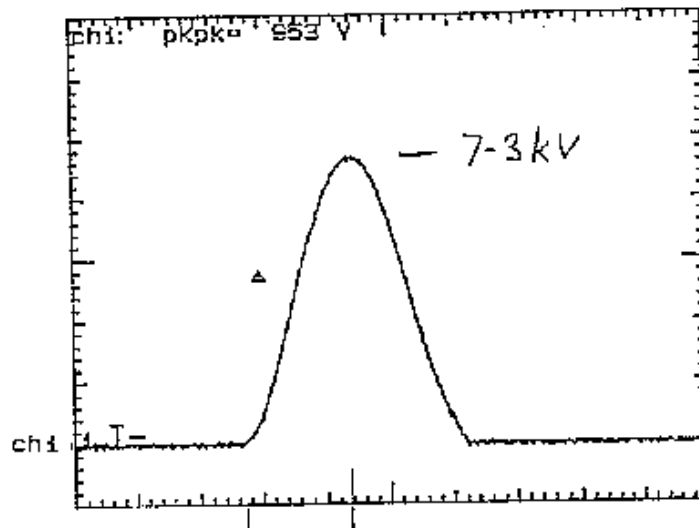
1995-04-27

Abstract

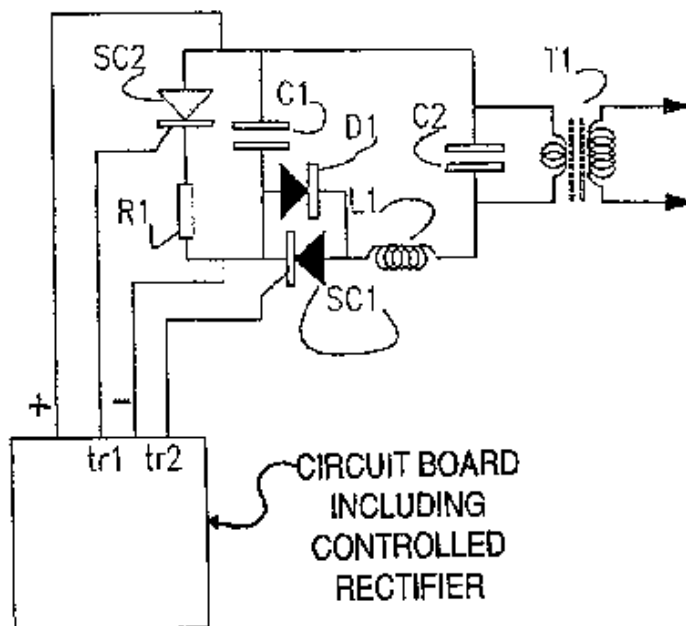
(WO95/11550)

A circuit (700) for an **electric fence** energiser (examples are 6 or 24 Joule versions) which synthesises a pulse having a raised cosine waveform at a first or bus voltage uses a ferrite-cored output transformer (701) to multiply the voltage of the pulse to the required level. A raised cosine waveform has a low harmonic content and little filtering of high-power pulses is required in order to minimise electromagnetic emissions. On closure of a switch (707) in series with an inductor (705), a first capacitor bank (703) commences charging a second smaller capacitor bank (704) in parallel with the output primary, and after the peak of the pulse any remaining charge is dissipated in a resistor (708) with the aid of a saturable inductor (702), acting as a switch. The saturable inductor may be the output transformer itself for lower output energisers. The output exhibits little or any reversal of polarity when matched to its load. The circuit may also be useful for applications such as strobe flashers in aircraft.

Images



Y/Div: 200 V
Timebase: 50.0us
TRACE: ch1

Fig 1*Fig 2*

Family 11/100 - FAMPAT - ©Questel

Title

(JP2005151748)

Power supply device of impulse voltage generator of **electric fence**

Publication numbers

JP3819897

JP2005151748

Publication dates

2006-09-13

2005-06-09

Abstract

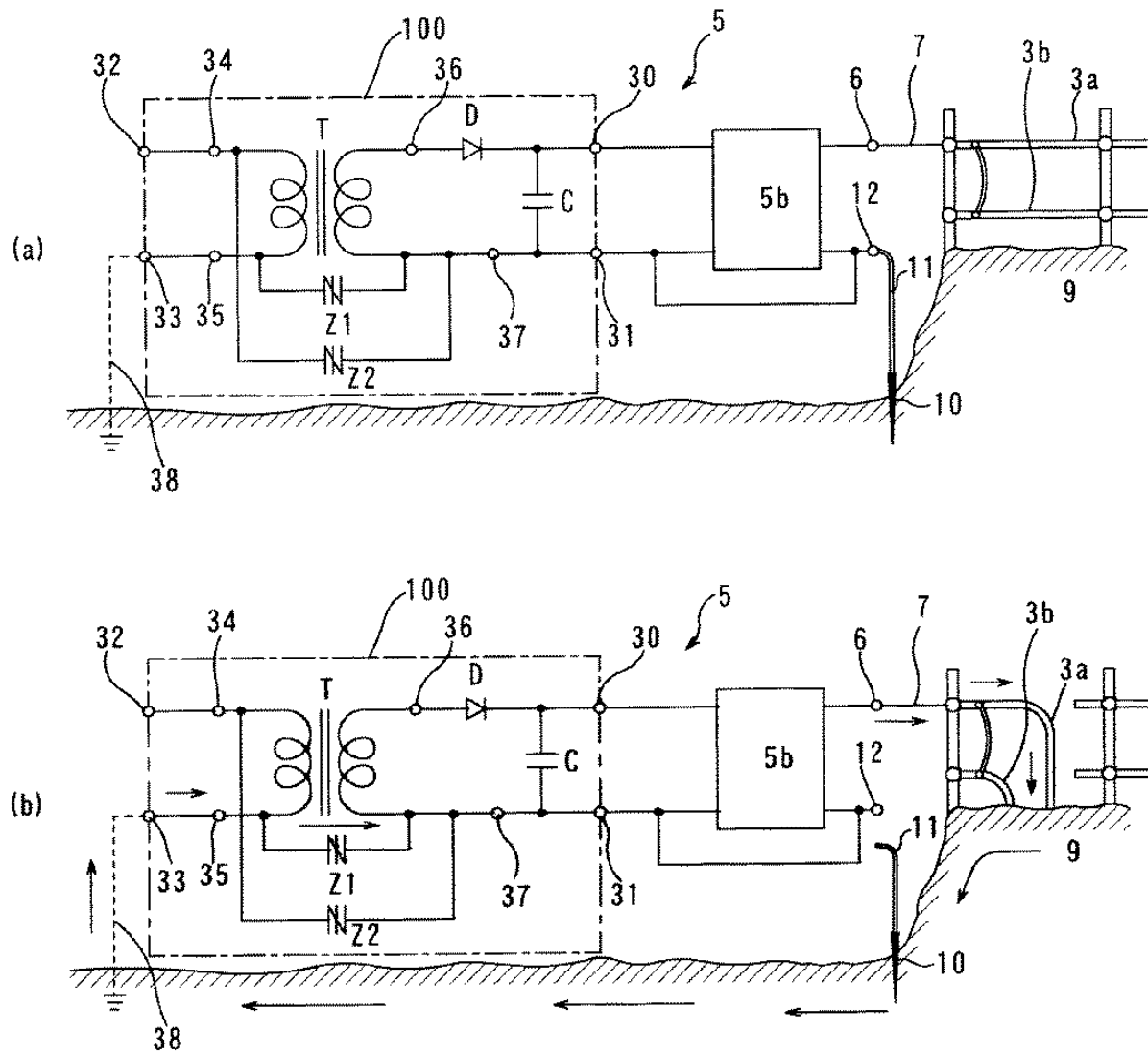
(JP2005151748)

PROBLEM TO BE SOLVED: To provide a power supply device for an impulse voltage generator that can prevent the occurrence of a failure of the impulse voltage generator by preventing the occurrence of insulation breakage at a power supply transformer in the power supply device, even if a naked **wire** of an **electric fence** connected to an output terminal of the impulse voltage generator is broken and the naked **wire** is contacted to the ground and earthed, and even if an earth cable connected to an earth terminal of the impulse voltage generator is broken and the earth terminal is brought into a state of being floated from the earth, and furthermore can prevent the earth terminal of the impulse generator from being exposed to an AC voltage.

SOLUTION: In the power supply device 100 of the impulse voltage generator of the **electric fence** that generates a DC voltage by reducing and rectifying the AC voltage of an AC power supply in order to actuating the impulse voltage generator 5 that applies impulse voltages to the naked wires 3a, 3b of the **electric fence**, surge absorbers Z1, Z2 of which the varistor voltages are smaller than a withstand voltage value of the power supply transformer T between the primary winding and the secondary winding of the power supply transformer T that reduces the AC voltage of the AC power supply.

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Images



Family 12/100 - FAMPAT - ©Questel

Title

(EP2838349)

Electric fence and assembly therewith**Publication numbers**

CA2866366

DK2838349

EP2838349

US9265230

US20150053906

EP2838349

CA2866366

WO2013/157935

NL2008670

Publication dates

2019-12-17

2017-04-03

2017-01-04

2016-02-23

2015-02-26

2015-02-25

2013-10-24

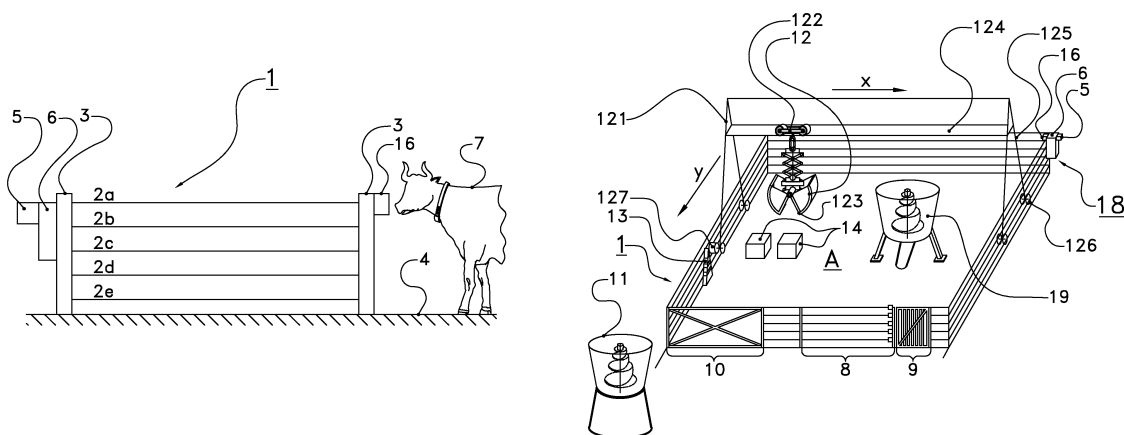
2013-10-24

2013-10-23

Abstract

(EP2838349)

An **electric fence** (1) for deterring animals (7) from an area with one or more supplies of feed (14) and at least one separate feed processing machine(12, 19), wherein the **fence** (1) comprises an electrically conductive member(2a, 2b, 2c, 2d, 2e), an **electric** power supply(6)connected to said member (2a, 2b, 2c, 2d, 2e) for energizing the member (2a, 2b, 2c, 2d, 2e) and arranged to provide an **electric** shock to an object coming into contact with said member(2a, 2b, 2c, 2d, 2e). A controller(18)is operatively connected to the **fence**(1), wherein the controller(18) is arranged to measure a value of an electrical parameter of the **fence**(1), and to automatically adjust the operating state of the machine (12, 19) within the area when the measured parameter value fulfils a predetermined criterion.

Images

Family 13/100 - FAMPAT - ©Questel

Title

(KR20160001597U)

Electric fence insulators for high voltage cable fixing for combating wildlife**Publication numbers**

KR20160001597

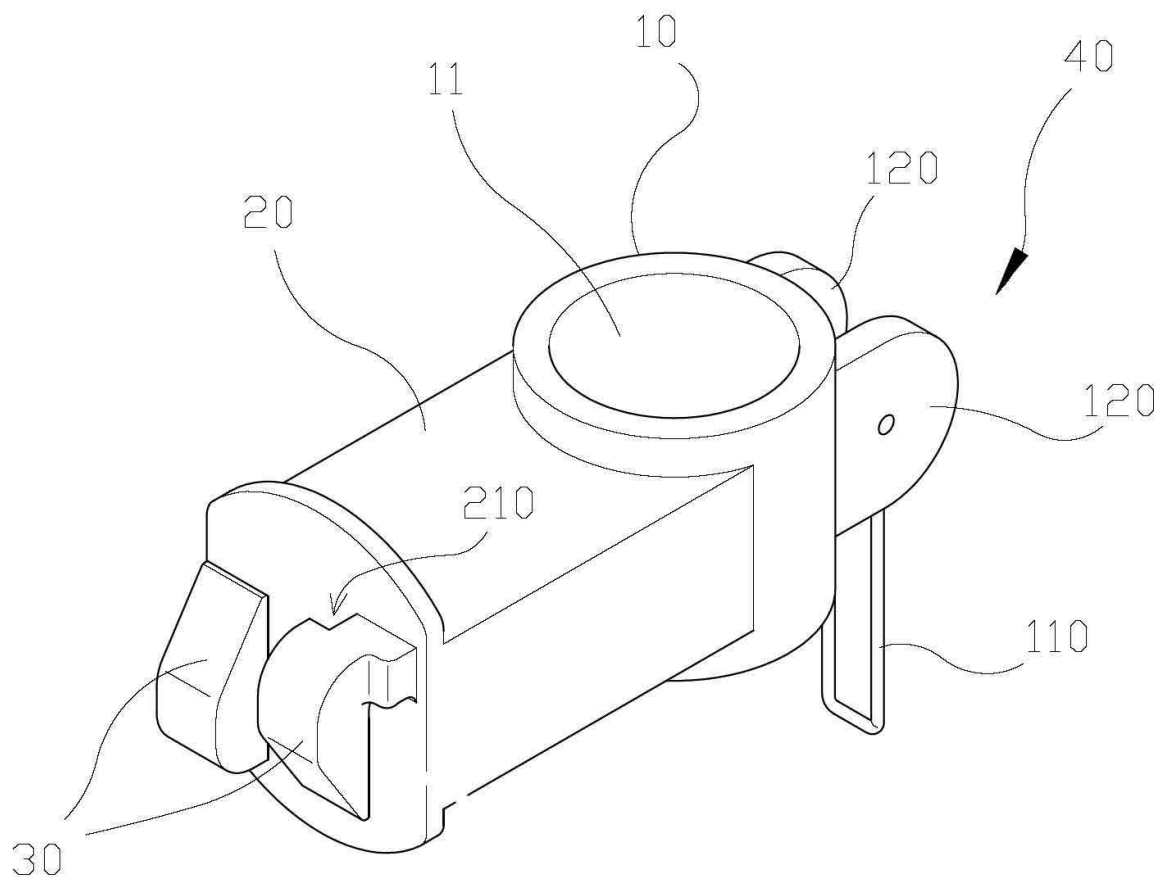
Publication dates

2016-05-13

Abstract

(KR20160001597)

This invention relates to a domestic or wild animals from the protection of various crops raised provided for the purpose of an **electric fence** support rod is fixed to the insulating media easily fixed to the mount and the **electric fence** of wild animals for combating an **insulator** is fixed to the insulating media. In other words, the present invention relates to an **electric fence** for wild animal repellent stick means of insulators fixed insulating media when the assembly is coupled to the support structure, wherein the support rod engaging groove (11) is formed on the rear side of the support rod insertion portion (10) of the support rod engaging groove (11) communicating with the support rods (50) are punctured and pressure applied home (101), constant pressure applied home (101) in both sides of the projecting support piece (120) which is formed, wherein each support piece (120) is formed on both sides and a hinge groove (130), the support piece (120) is provided between both sides of the elastic force of the spring is used to easily and simply and quickly than an engagement pressure releasable spring type touch a bond (110) is provided to the one on the other hand, the rear side of the fixed ring (30) (A) agile lifting insulating media is provided at one end of the coil spring is inserted into the ring prevents the slipping away leaving a clear jaw jam inducing chin strap groove (210) for preventing further more to form a deck.

Images

Family 14/100 - FAMPAT - ©Questel

Title

(KR101300319)

Insulator for an **electric fence** capable of fixing a **wire** in which high voltage flows**Publication numbers**

KR101300319

Publication dates

2013-08-28

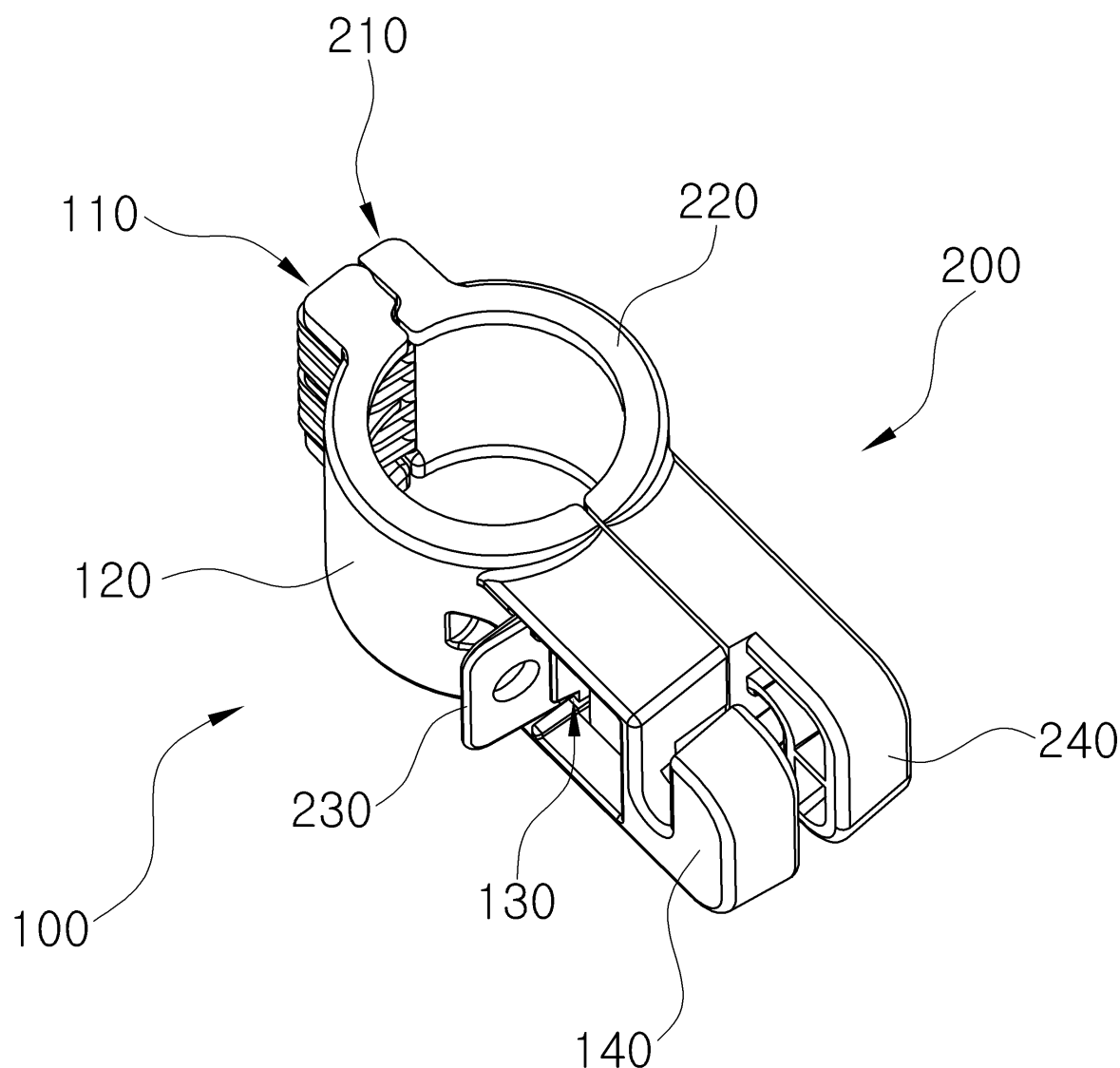
Abstract

(KR101300319)

PURPOSE: An **insulator** for an **electric fence** is easily installed or separated on/from a pillar in a one-touch method without a coupling means such as a separate screw or a bolt.

CONSTITUTION: A first unit (100) includes a first combination unit (110) which has a support bar and an insertion hole on one end; a first gripping unit (120) which surrounds the outer surface of a pillar; a locking unit (130) which has a locking plate where multiple inclined first holding lines are formed; and a first ring unit (140) whose end part is bent to open one side. A second unit (200) fixes a **wire** by combining the first unit. A second gripping unit (220) corresponds to the first attaching unit and surrounds the outer surface of the pillar.

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Images

Family 15/100 - FAMPAT - ©Questel

Title

(JP2003038083)

Electric fence**Publication numbers**

JP3832630

KR100442059

JP2003038083

KR20030011218

Publication dates

2006-10-11

2004-07-30

2003-02-12

2003-02-07

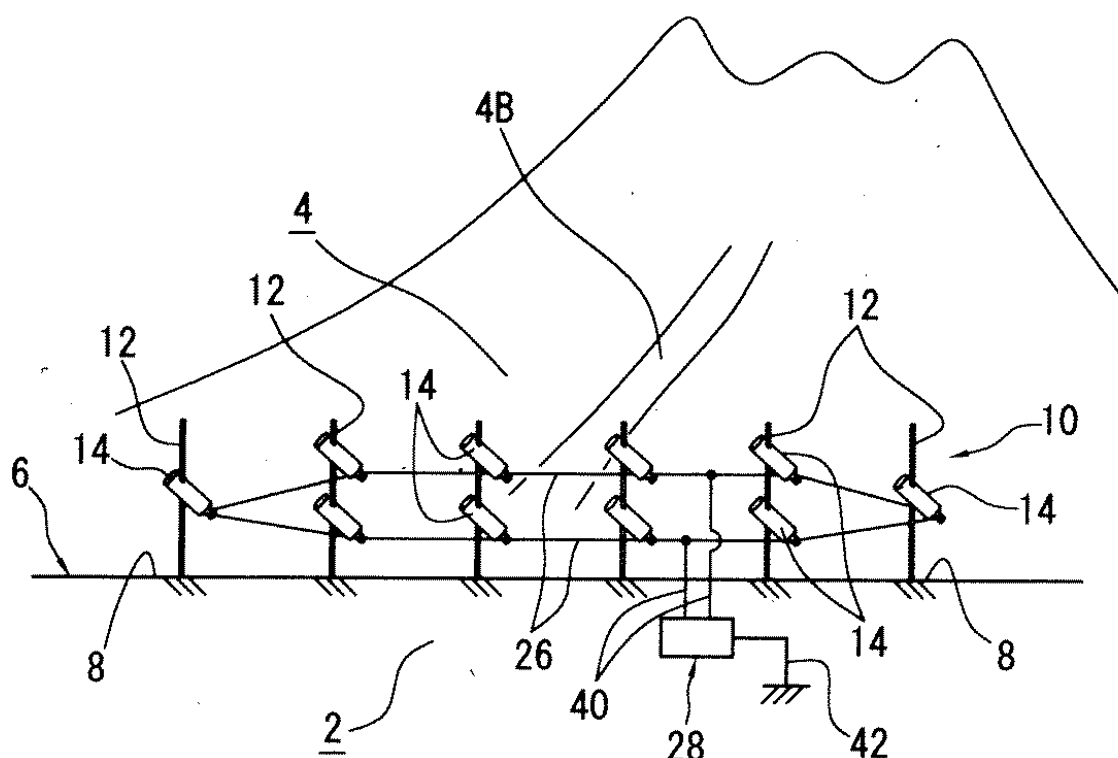
Abstract

(JP2003038083)

PROBLEM TO BE SOLVED: To provide an **electric fence** effective for inhibiting the traverse of animals between a wildlife sanctuary area and non-sanctuary area and installable at a low cost.

SOLUTION: Posts are erected along the boundary between a sanctuary area and a non-sanctuary area. A plastic bottle is fixed to each post, a bare **electric wire** is supported by the bottles and extended along the boundary and an **electric** power source to apply high voltage to the **wire** is placed in the plastic bottle.

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Images

Family 16/100 - FAMPAT - ©Questel

Title

(JP2015047122)

Electric fence system

Publication numbers

JP2015047122

Publication dates

2015-03-16

Abstract

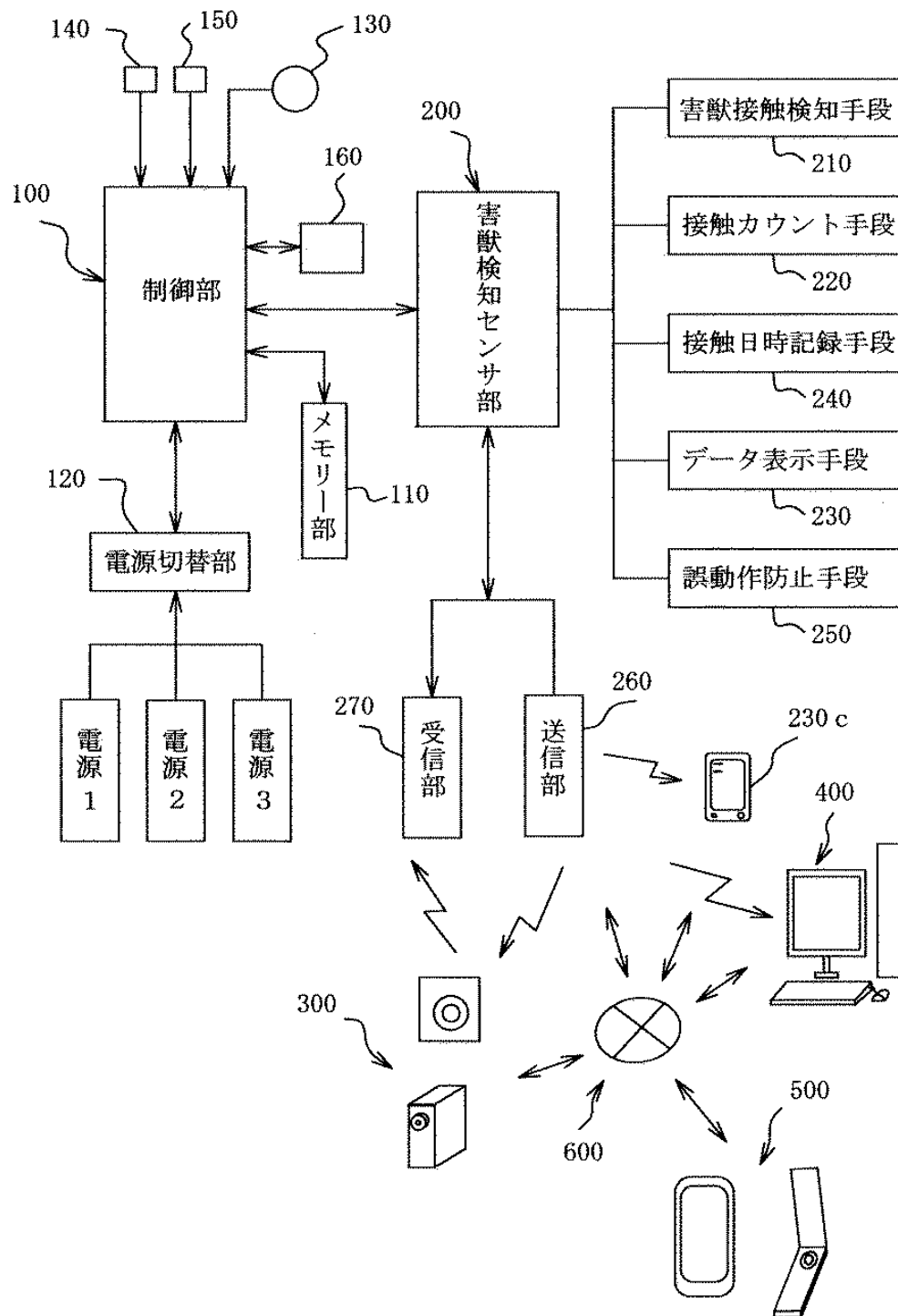
(JP2015047122)

PROBLEM TO BE SOLVED: To provide an **electric fence** system which prevents invasion of a noxious animal.

SOLUTION: There is provided an **electric fence** system in which: a noxious animal detecting sensor part 200 is provided in a control part 100 which controls a system body; when a noxious animal 70 contacts with an **electric fence** 20, contact-of-an-animal detecting means 210 which is of the noxious-animal detecting sensor part 200 detects that; contacts counting means 220 counts the number of contacts of the noxious animal 70; besides, contact-date-and-time recording means 240 records the contact date and time; and data displaying means 230 displays the number of the contacts and the contact date and time.

COPYRIGHT: (C)2015,JPO&INPIT

Images



Family 17/100 - FAMPAT - ©Questel

Title

(CN104652917)

Wind power type Internet of Things monitoring system and pulse **electric fence**

Publication numbers

CN104652917

Publication dates

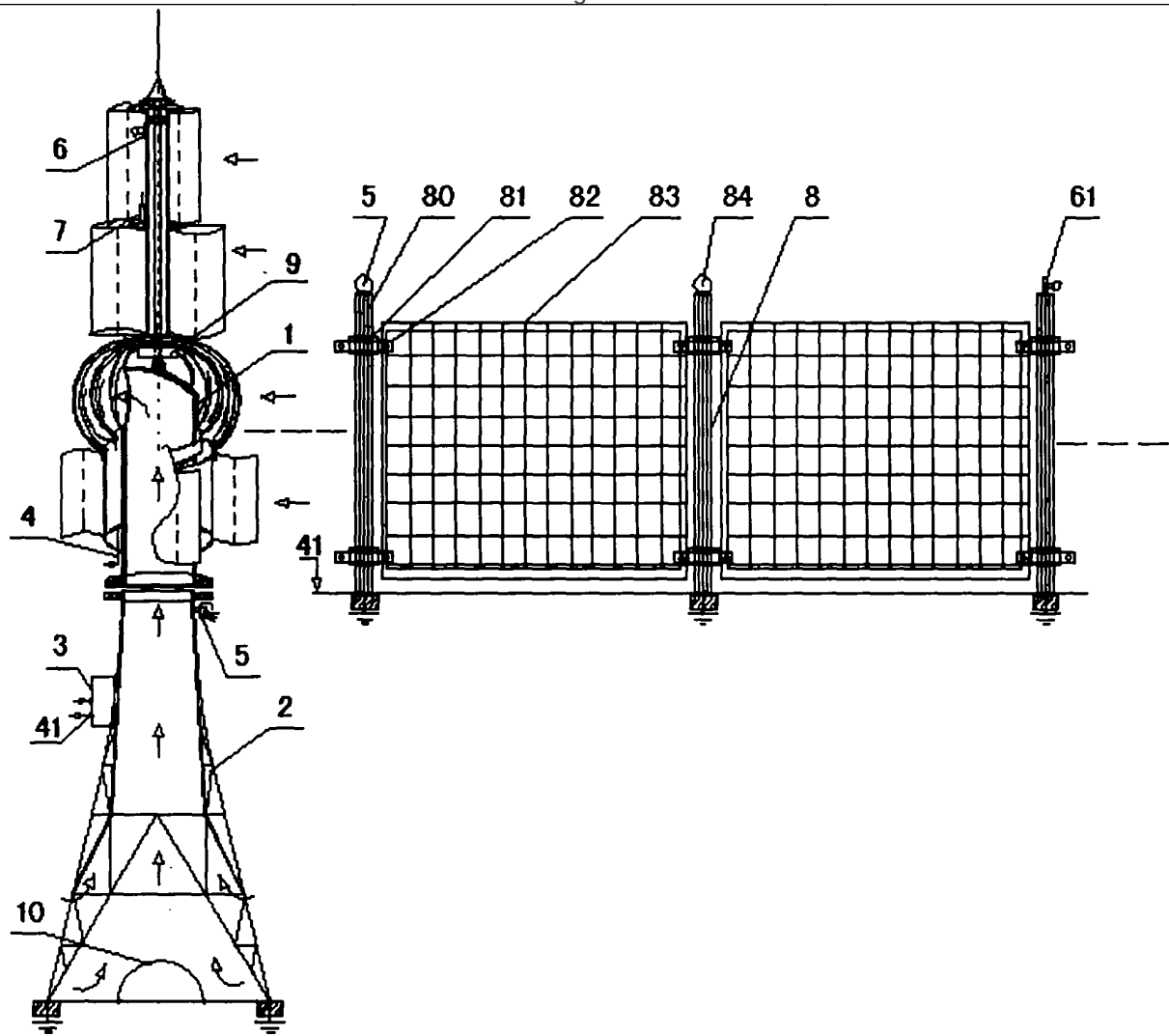
2015-05-27

Abstract

(CN104652917)

The invention provides a wind power type Internet of Things monitoring system and a pulse **electric fence** and belongs to the technical field of wind power clean energy sources. An iron tower-shaped engine base 2 is connected with a machine head 1, and a power generator output is modulated by a control cabinet power supply to be connected with a network camera or a wireless transponder or a lamp or an induction pulse **electric fence** to form the wind power type Internet of Things monitoring system. The wind power type Internet of Things monitoring system is characterized in that a vertical axis outer rotor permanent magnet iron-core-free coil power generator is adopted, and a trumpet-shaped air inlet and a half-moon-shaped ball body 10 are arranged in the engine base, so that an airflow can ascend spirally as tornado and the torque is continually increased, and furthermore, a wind wheel is promoted to rotate to improve the power generation effect; wind energy is used for supplying power, and the effects of preventing animals from escaping, and realizing theft prevention and safety defending are achieved by using the induction pulse **electric fence** and a network camera monitoring system; the wind power type Internet of Things monitoring system is applicable to fields including borderlands, confidential important places, zoos, farmlands, organs, residences, villas, gardens and the like; a cheap Internet of Things safe defending system which realizes automatically monitoring by a remote video of a wind power supply computer can be established without building high walls, so that the safety of motherland territories, and housing and accommodation can maintain prolonged stability.

Images



Family 18/100 - FAMPAT - ©Questel

Title

(JP2011167102)

Improvement in wild animal **electric** shock method using **electric fence**

Publication numbers

JP2011167102

Publication dates

2011-09-01

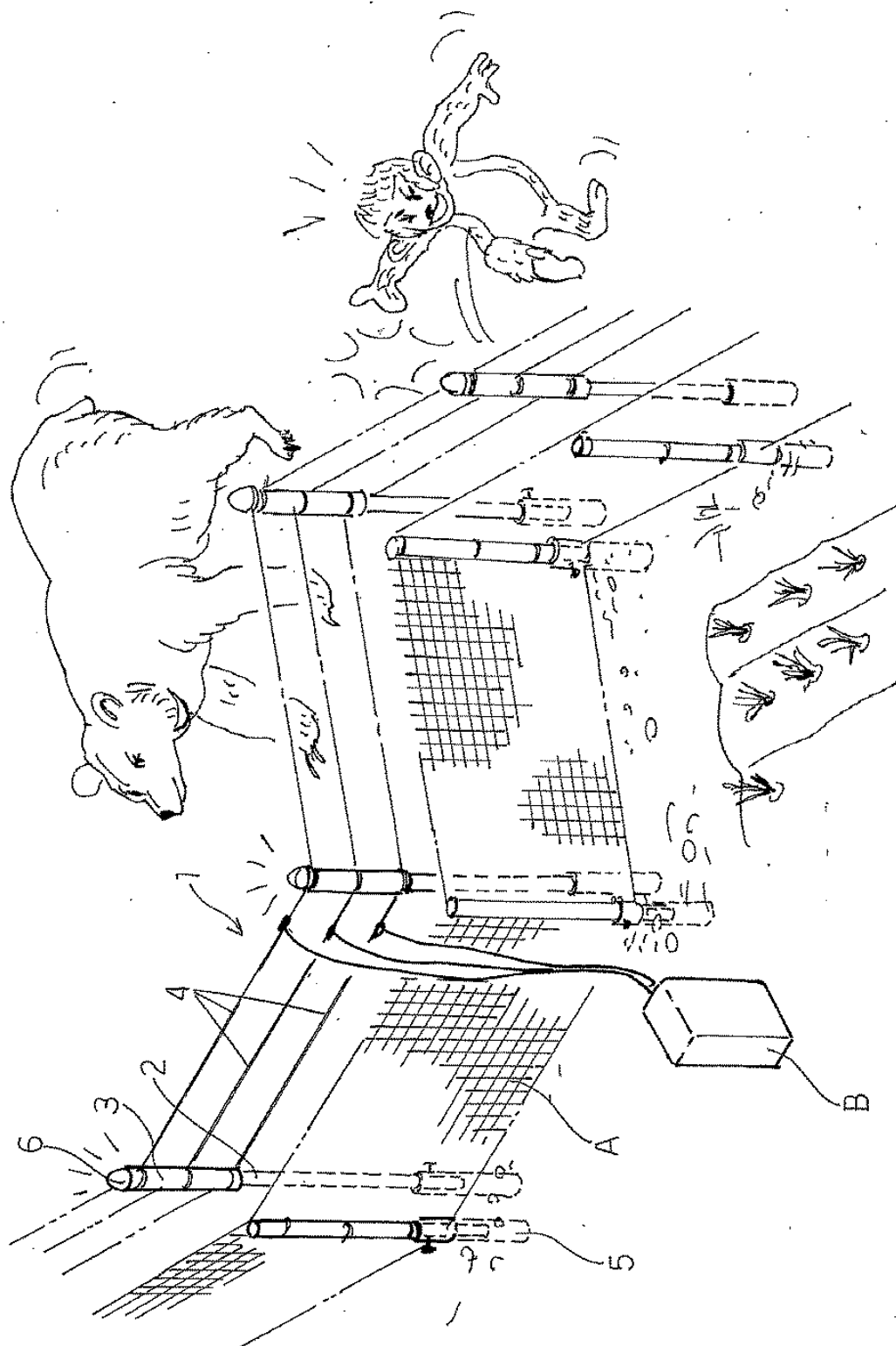
Abstract

(JP2011167102)

PROBLEM TO BE SOLVED: To improve a wild animal **electric** shock method using a conventional **electric fence**.

SOLUTION: The wild animal **electric** shock method using an **electric** 1 for preventing damage due to wild birds and animals such as monkeys, Japanese deer, or wild boars invaded in **farm** lands, fruit garden, wood lot, or the like, includes passing an **electric** current through a **wire** net to give **electric** shocks to the wild birds and animals on contact, and capturing the wild birds and animals in suspended animation states. COPYRIGHT: (C)2011,JPO&INPIT

Images



Family 19/100 - FAMPAT - ©Questel

Title

(JP2005030770)

Voltage measuring device for **electric fence** and voltage measuring method**Publication numbers**

JP2005030770

Publication dates

2005-02-03

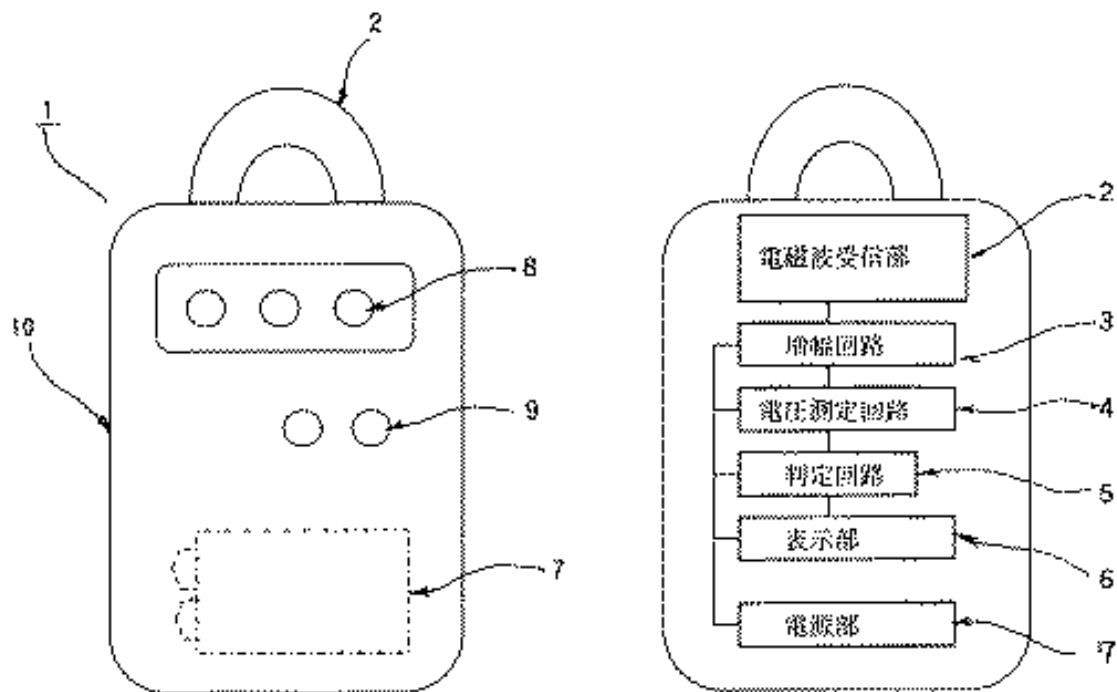
Abstract

(JP2005030770)

PROBLEM TO BE SOLVED: To provide a voltage measuring device for an **electric fence** and a voltage measuring method which measure easily by a simple method, the voltage in an **electric wire** to which a high voltage is applied.

SOLUTION: This voltage measuring device for the **electric fence** has an antenna for receiving an electromagnetic wave radiated from the **electric wire** to which the high voltage is applied, an amplifying circuit for amplifying and converting an induced electromotive force caused by the received radiated electromagnetic wave into a measuring voltage, a voltage measuring circuit for measuring the amplified voltage, and a display part for displaying the acquired voltage. The device also has a determination circuit for determining the level of the voltage measured as the need arises. Hereby, the voltage in the **electric wire** to which the high voltage is applied is measured extremely easily in the noncontact state without contact with the **electric wire**.

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Images

Family 20/100 - FAMPAT - ©Questel

Title

(JP2005192501)

Strut of electric fence

Publication numbers

JP2005192501

Publication dates

2005-07-21

Abstract

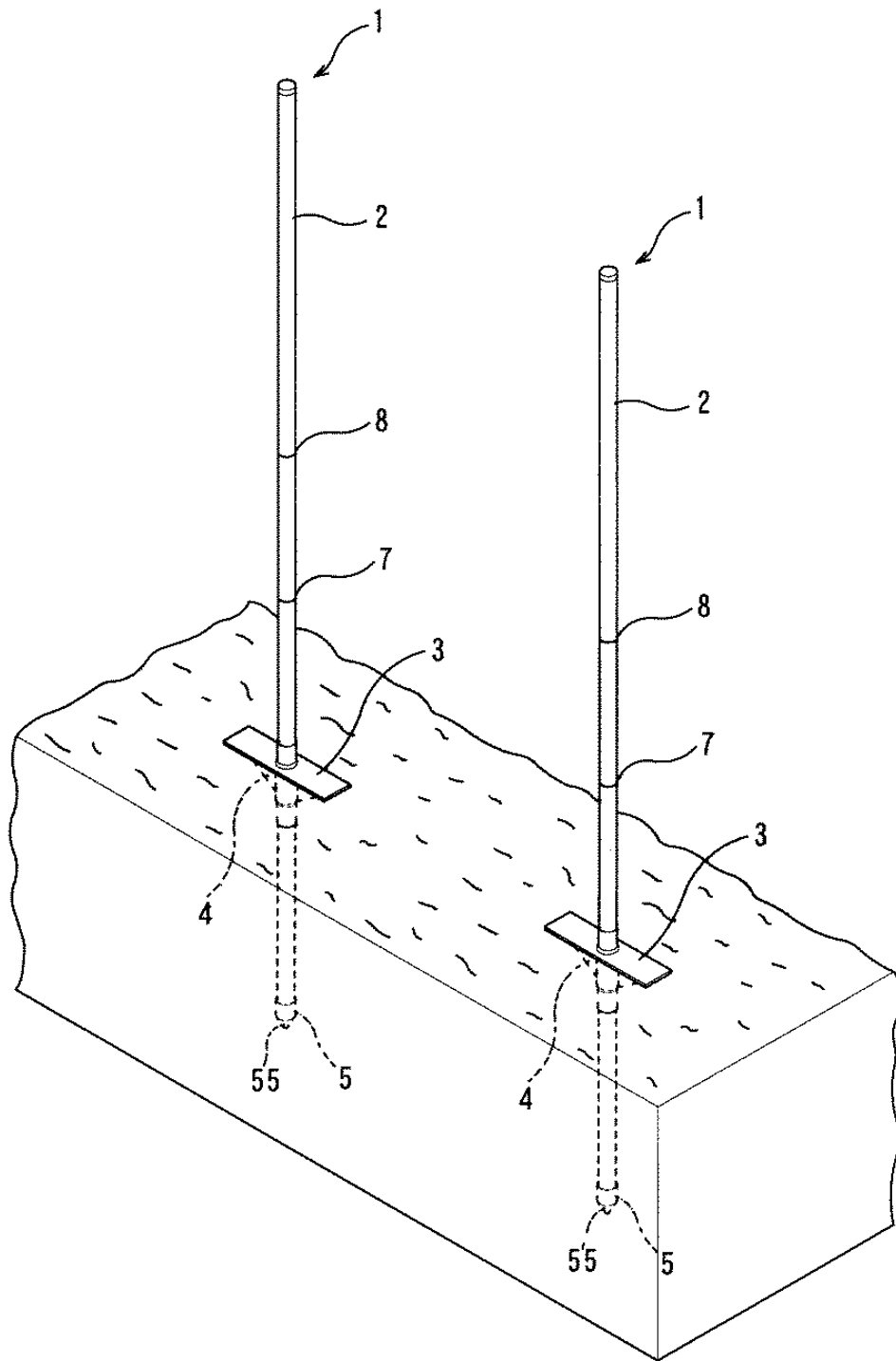
(JP2005192501)

PROBLEM TO BE SOLVED: To provide struts of an electric fence which can readily be sunk into the underground and making the sinking depth constant.

SOLUTION: In each strut 1 of the electric fence, a plate-like stepping part 3 protruded from a long rod-like strut body 2 to the side is installed on the strut body 2 and a rib 4 for reinforcement and for stopping rotation after arranging in a standing conditions is installed between the bottom of the stepping part 3 and the strut body 2, and marks 7 and 8 for regulating a mounting position of an electric wire-fixing tool for fixing a naked electric wire of the electric fence are installed at a prescribed height position above the stepping part 3. The strut 1 is sunk into the ground and arranged in the standing condition by stepping the stepping part 3 by an operator and applying the body weight of the operator, and the electric wire-fixing tools are attached to the positions of the marks 7 and 8 and the naked electric wires are fixed to the electric wire-fixing tools and these wires are provided in a tensioned state.

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Images



Family 21/100 - FAMPAT - ©Questel

Title

(JP2015149917)

Power supply device for **electric fence**

Publication numbers

JP5796096

JP2015149917

Publication dates

2015-10-21

2015-08-24

Abstract

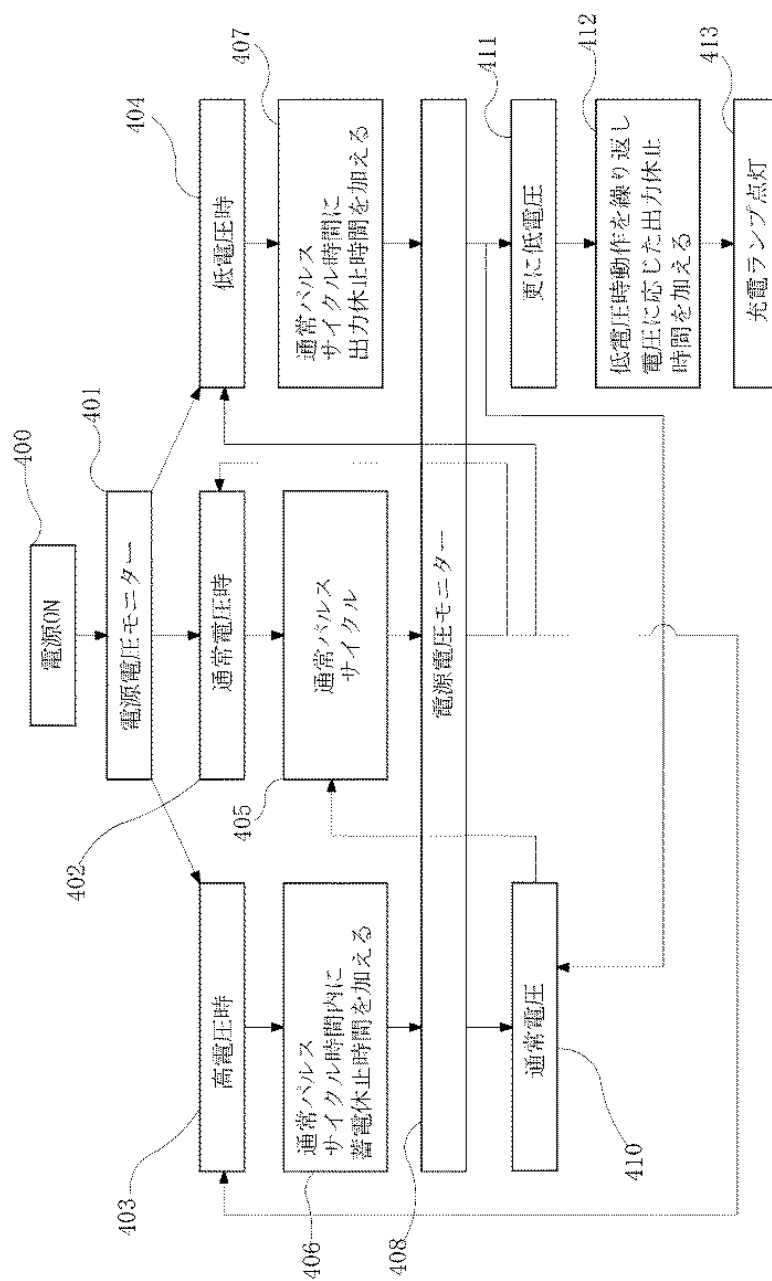
(JP2015149917)

PROBLEM TO BE SOLVED: To provide a power supply device for an **electric fence** in which a system capable of applying a proper voltage according to the change of the voltage is easily feasible at low cost.

SOLUTION: A power supply device for an **electric fence** comprises: a power supply; a voltage generator electrically connected with a **wire** rod, and applying a voltage to the **wire** rod; and a micro controller interposed between the voltage generator and the power supply. The micro controller measures the voltage supplied from the power supply, and has the function of interposing the time when not storing electricity during storage time of a predetermined capacitor when the measured voltage is higher than a predetermined value, and of interposing the time when not performing **electric** storage in addition to the storage time of the predetermined capacitor and not applying **electric** current when the measured voltage is lower than the predetermined value.

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Images



Family 22/100 - FAMPAT - ©Questel

Title

(JP3175300U)

Electric fence insulator for biasing Stanchion

Publication numbers

JP3175300

Publication dates

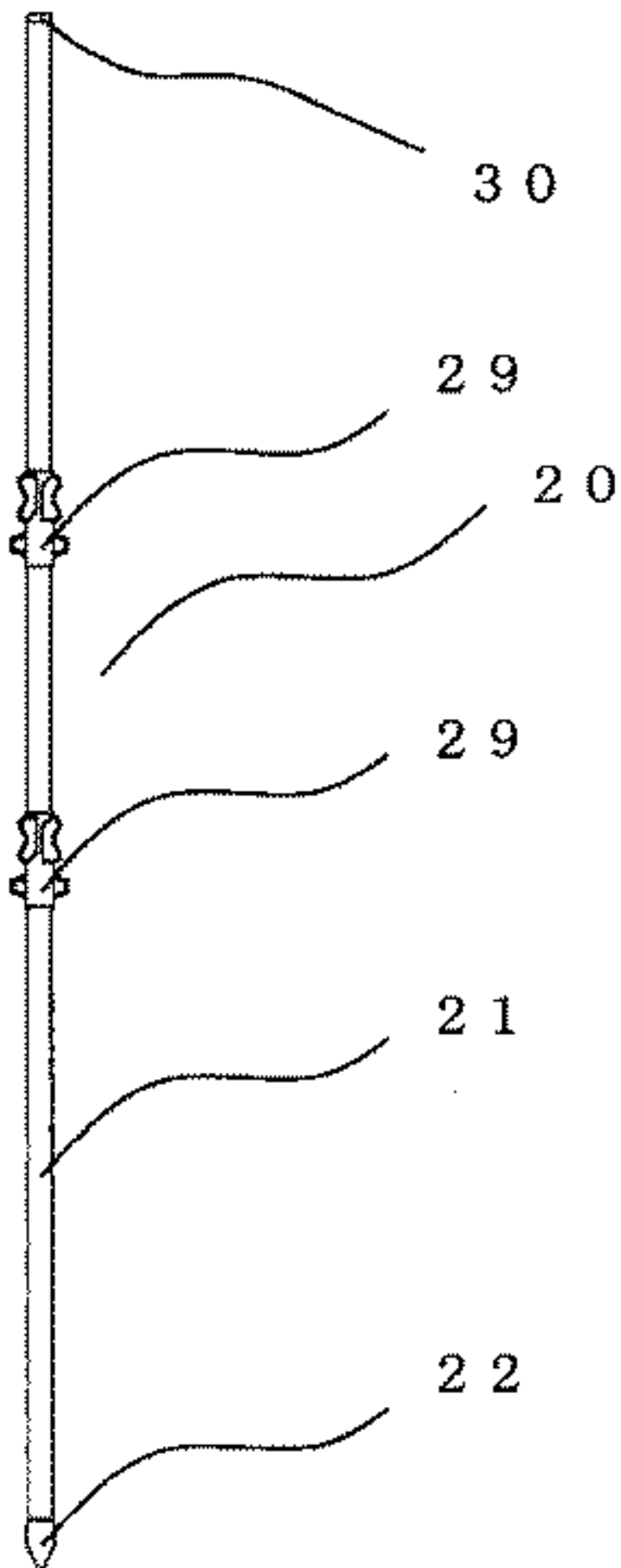
2012-04-11

Abstract

(JP3175300)

PROBLEM TO BE SOLVED: Electrical **fence wire** during the installation of the support member of the strut and the labor and time management on the **electric fence** post with small to provide for the porcelain **insulator**. SOLUTION: Of the porcelain **insulator** for electrical **fence** post with 20 head 30 hammer beating such as a tree, 1 on the **insulator** portion of the first stage 29 about the earth surface 20cm until as high as implants. Then, the **insulator** for an **electric fence** post with 20 implantation depth is varied because they do not, on the **insulator** portion 29 does not need to adjust the height. Furthermore, the bare **wire** immediately can be engaged to the **insulator**. SELECTED DRAWING: Fig. 2

Images



Family 23/100 - FAMPAT - ©Questel

Title

(JP2008061562)

Electric fence system for preventing intrusion of harmful animals**Publication numbers**

JP2008061562

Publication dates

2008-03-21

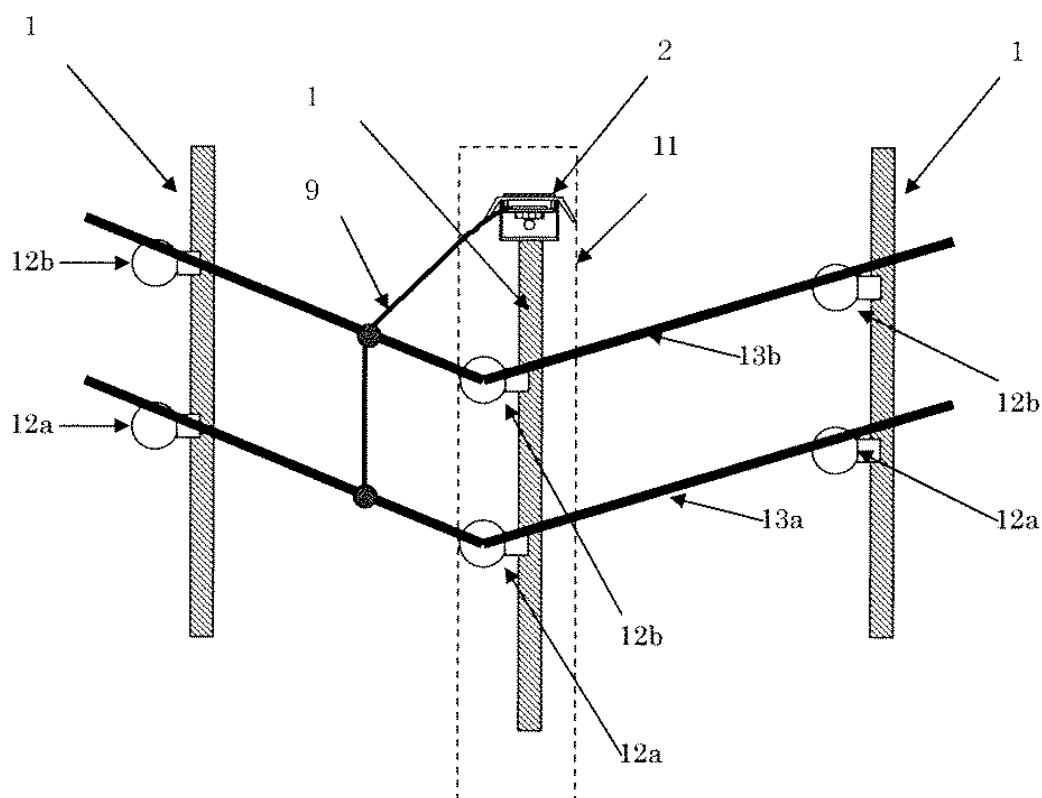
Abstract

(JP2008061562)

PROBLEM TO BE SOLVED: To provide an **electric fence** system capable of preventing intrusion of harmful animals, by combining high-voltage **electric** shocks with emission of light or of blinking, as well as, of being safe with respect to humans.

SOLUTION: The **electric fence** system for preventing intrusion of harmful animals comprises a power unit generating high-voltage pulsed current, electrically conductive members connected to the power unit, and multiple props supporting these members, wherein each of the props is equipped with a light-emitting device having a receiver for receiving electromagnetic waves, and the light-emitting device for receiving electromagnetic waves and emitting light or blinkings, due to the high-voltage pulsed current that flows through the electrically conductive members.

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Images

Family 24/100 - FAMPAT - ©Questel

Title

(JP3145408U)

Voltage measuring device for an electric fence

Publication numbers

JP3145408

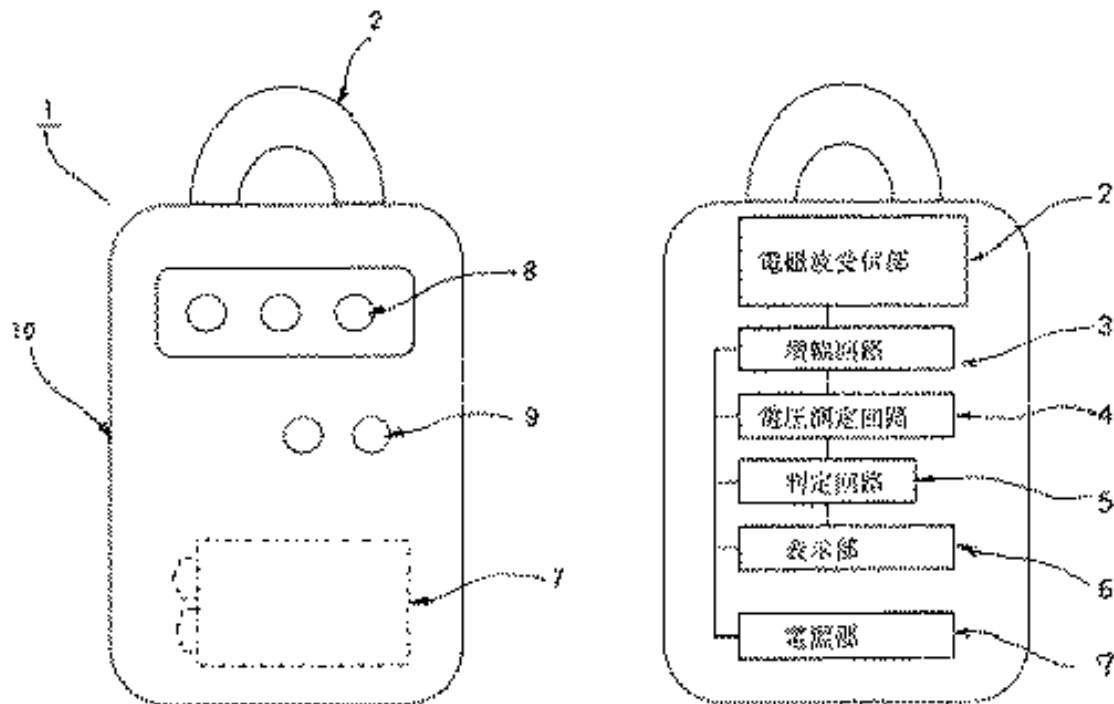
Publication dates

2008-09-17

Abstract

(JP3145408)

PROBLEM TO BE SOLVED: By applying a high voltage electric line voltage, simple method for measuring the electric fence to facilitate voltage measurement unit can be provided. SOLUTION: By applying a high voltage electric line for receiving the electromagnetic wave radiated from the antenna, the electromagnetic radiation received by an induced electromotive force measuring circuit for converting the amplified voltage, voltage obtained by amplifying a voltage measuring circuit, a display unit that displays the obtained voltage and, further, as needed for determining the level of the measured voltage on the electrical circuit by the voltage measuring device for a fence. Applying a high voltage electric line voltage, without contacting the non-contact state, can be measured very easily. SELECTED DRAWING: Fig. 1

Images

Family 25/100 - FAMPAT - ©Questel

Title

(JP3154328U)

For **electric fence** posts

Publication numbers

JP3154328

Publication dates

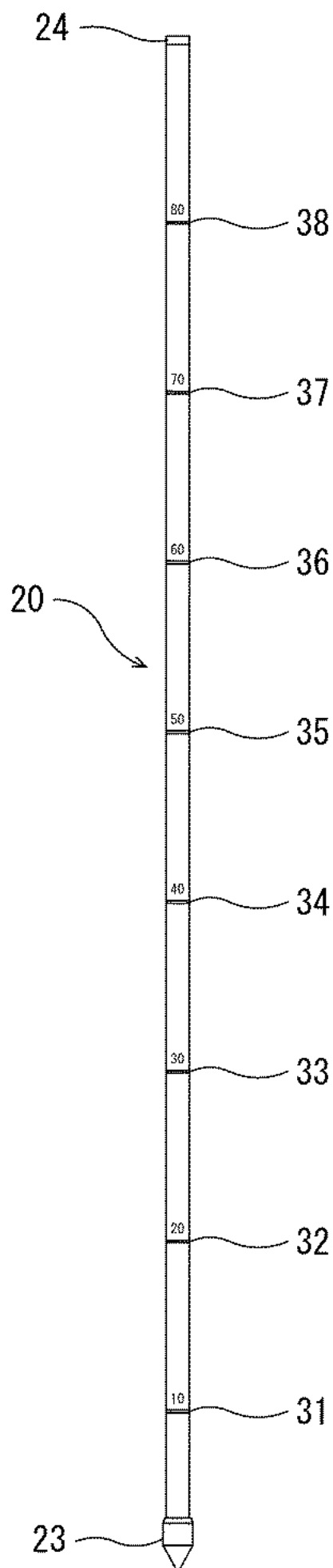
2009-09-16

Abstract

(JP3154328)

PROBLEM TO BE SOLVED: Bare electrical **fence wire** stretched to an optimum height for the **insulator**, an optimum height position without imposing the labor can be easily attached to the **electric fence** to provide support with. SOLUTION: Strut 20 of the **insulator** to the surface of the mounting position of the indicia representing 31-38 and displayed. Struts 20 distance from the tip of the fitting position of the display of the **insulator**, the tip of the boar as the distance from the post for 10cm displayed for each. SELECTED DRAWING: Fig. 1

Images



Family 26/100 - FAMPAT - ©Questel

Title

(EP2262359)

Outrigger

Publication numbers

EP2262359

CA2755237

BRPI0910096

EP2262359

JP5628788

CN102014610

AU2009229612

US8727321

ZA201007558

JP2011515101

US20110100305

CN102014610

EP2262359

AR071105

NZ566998

UY31740

AU2009229612

CA2755237

WO2009/120098

Publication dates

2019-11-27

2016-06-14

2015-12-15

2015-10-28

2014-11-19

2014-10-22

2014-07-17

2014-05-20

2011-12-28

2011-05-19

2011-05-05

2011-04-13

2010-12-22

2010-05-26

2010-03-26

2009-11-10

2009-10-01

2009-10-01

2009-10-01

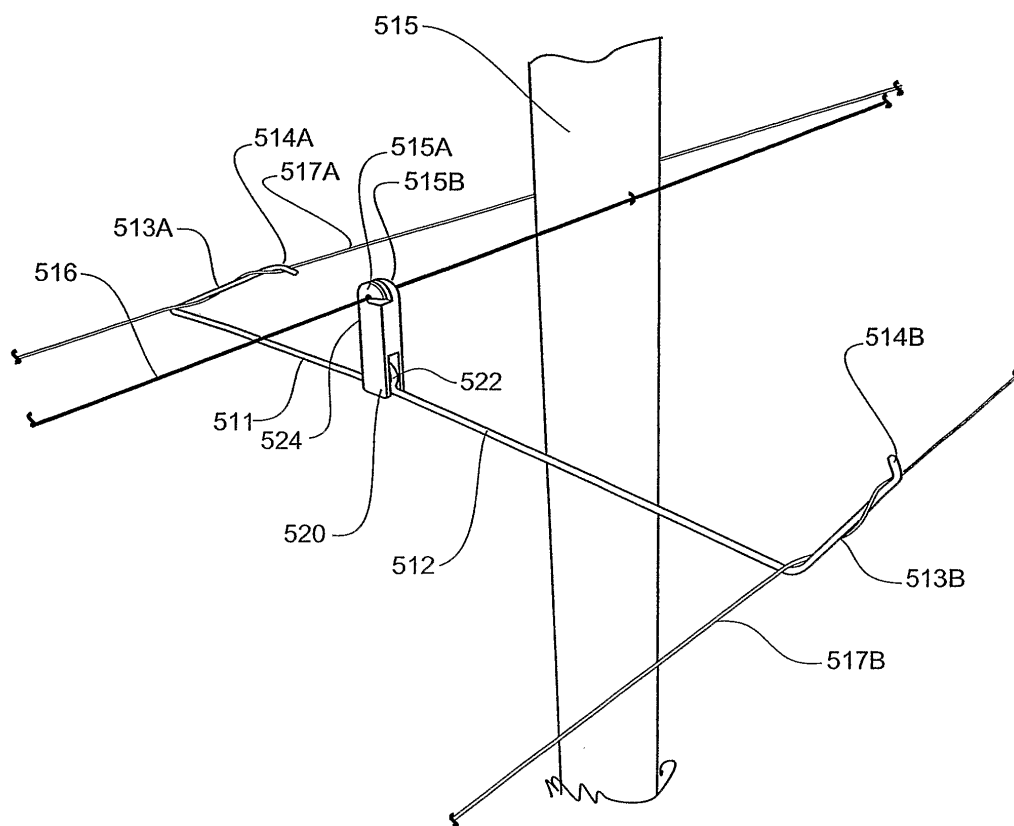
Abstract

(EP2262359)

An outrigger, for carrying an **electric wire** at a distance outward from a support, comprises a first elongate arm (512). A first support device (513B) at a distal end of the arm is adapted for suspending a portion of the **wire** (517B). The outrigger is suspended from a support, e.g. from a support **wire** (516) carried on a post (515), by a second support device (520) at a

proximal end of the arm. When the outrigger is suspended by the second support device and the **wire** is suspended from the first support device, the outrigger is movable, from a rest position in which the arm extends outwardly from the support, to move the first support device and the **wire** toward the support when the first support device or the **wire** is impacted in a direction toward the support, and afterwards to move the outrigger back to the rest position.

Images



Family 27/100 - FAMPAT - ©Questel

Title

(JP2019146535)

Power supply for electric fence

Publication numbers

JP2019146535

Publication dates

2019-09-05

Abstract

(JP2019146535)

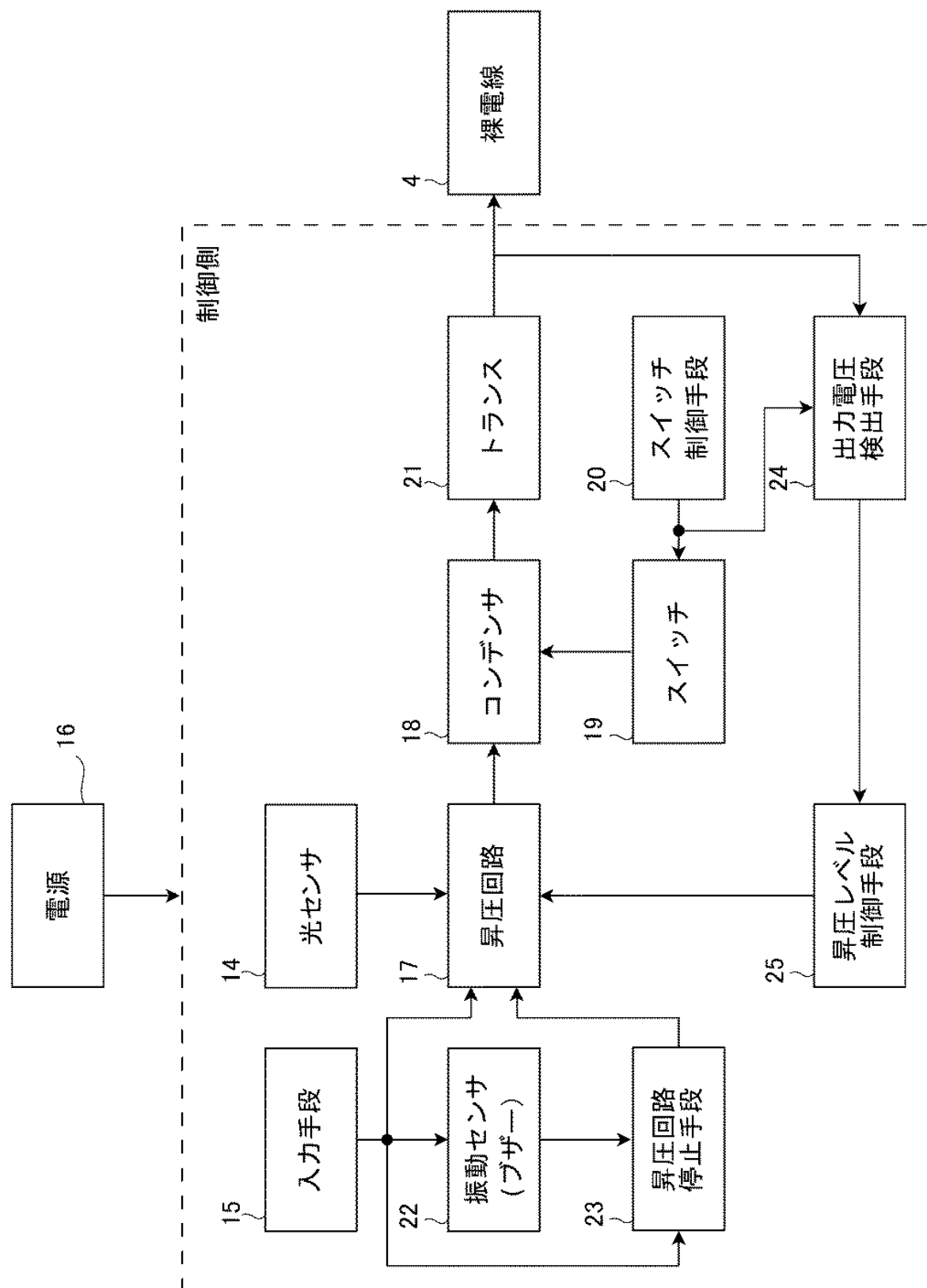
PROBLEM TO BE SOLVED: To provide a power source device for an electric fence capable of preventing electrical shock to a person due to fall of power source device from an installation place thereof and overturn.

SOLUTION: There is provided the power source device for electric fence comprising: a bare wire 4; and a pole fixing the bare wire 4, and the electric fence is installed in the surrounding of a crop land. The power source device comprises: a power source 16; a boosting circuit 17 boosting a voltage output from the power source 16; a capacitor 18 charging and discharging the voltage boosted by the boosting circuit 17; a switch 19 for switching charging and discharging of the capacitor 18; switch control means 20 controlling the switch 19 and intermittently discharging the capacitor 18; a transformer 21 which is electrically connected to the bare wire 4, further boosts the voltage discharged by the capacitor 18 and outputs the boosted voltage to the bare wire 4; a vibration sensor 22 detecting vibration of the power source device; and boosting circuit stop means 23 stopping drive of the boosting circuit 17 when a vibration value detected by the vibration sensor 22 is equal to or more than a prescribed threshold.

SELECTED DRAWING: Figure 3

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Images



Family 28/100 - FAMPAT - ©Questel

Title

(JP2004129600)

Electrified **fence**

Publication numbers

JP3660996

JP2004129600

Publication dates

2005-06-15

2004-04-30

Abstract

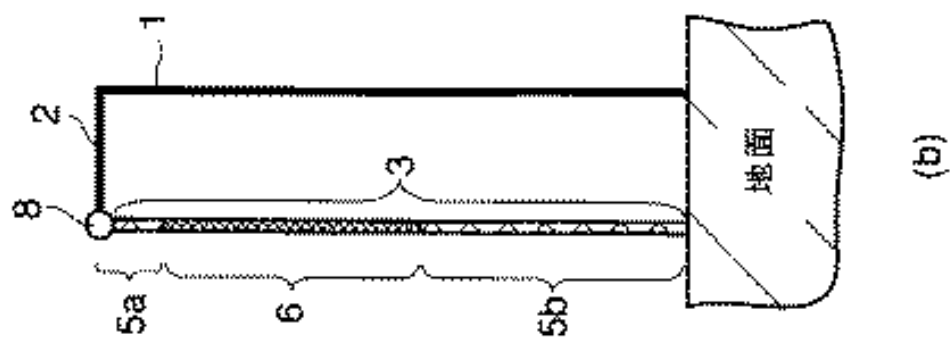
(JP2004129600)

PROBLEM TO BE SOLVED: To provide an electrified **fence** capable of surely preventing invasion to harmful animals excellent in moving ability.

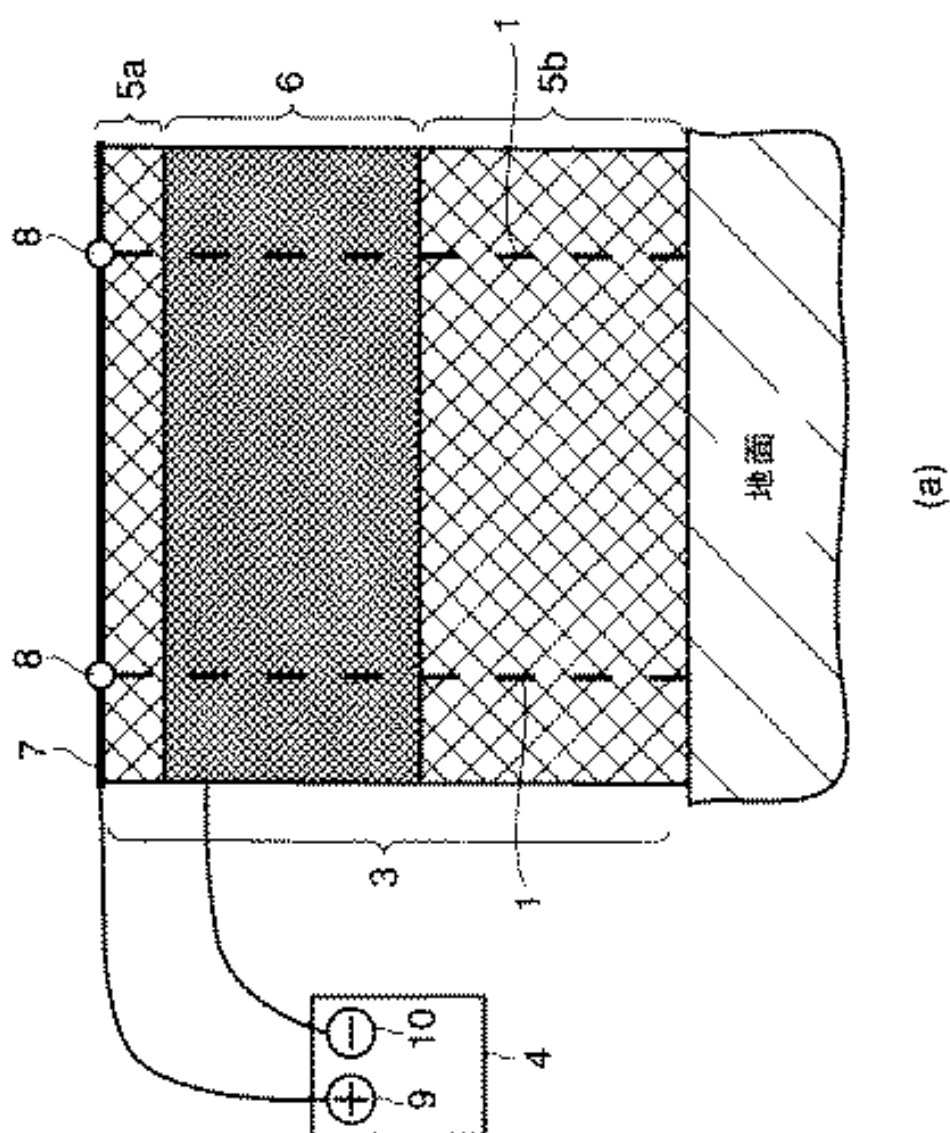
SOLUTION: In the electrified **fence**, an arm 2 protrusively provided so as to be separate from a post body is installed on a post 1 and a net 3 is attached to the arm 2 so as to be hung down from the arm 2 to prevent harmful animals such as monkeys from getting over the net 3 through the post 1 and a time required for getting over the net 3 is gained to enable sure **electric** shock to the harmful animals. High pressure is applied to only rope 7 attached through an **insulator** 8 to the strut 1. As a result, since the distance from the ground is gained, a risk of **electric** leakage is reduced even when bottom grasses grow thickly and thereby, labor of operation and maintenance such as reaping of bottom grasses can be reduced.

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Images



(b)



(a)

Family 29/100 - FAMPAT - ©Questel

Title

(JP3217947U)

Electric fence for fighting harmful Veterinary

Publication numbers

JP3217947

Publication dates

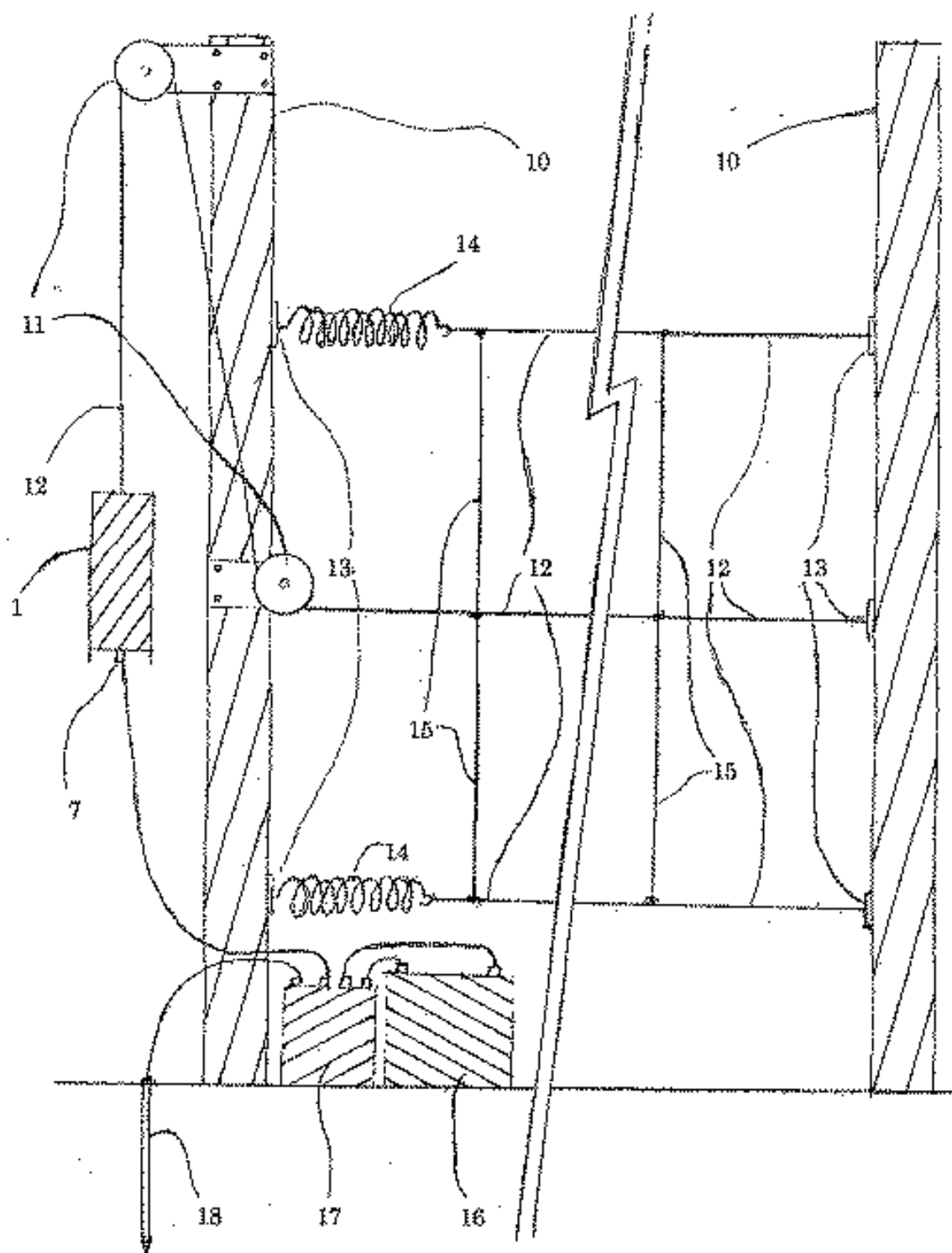
2018-09-13

Abstract

(JP3217947)

PROBLEM TO BE SOLVED: Very long life of the **electric fence** in fighting provides veterinary harm. SOLUTION: Provided upright at predetermined intervals a plurality of struts 10 and, struts 10 having a pulley attached to the insulating performance every 11 via, struts 10 stretched continuously between the bare 12 and, the bare fiber 12 power supply device that supplies a high voltage current 16 and, a power supply device 16 driven into the ground and connected to earth 18 and, the veterinarian aad bare 12 intermittently for a predetermined time when exposed, the power supply device 16 bare from 12 supplies a high voltage current, provided with a power switch device. SELECTED DRAWING: Fig. 2

Images



Family 30/100 - FAMPAT - ©Questel

Title

(JP3158875U)

For electric fence posts

Publication numbers

JP3158875

Publication dates

2010-04-22

Abstract

(JP3158875)

PROBLEM TO BE SOLVED: Electric fences when installed, FRP concreting of the strut and the hook can be easily mounted or adjustment work rapidly, provide for an electric fence posts. PURPOSE: At least the surface of the insulating material are produced by the struts 20 tip 23 from 20cm or more positions, is made of resilient material, 2 knob portion of the two grasping force is applied on the inner diameter of the hook body with the diameter of the hook to freely change the height position of the hook 21 to 1 fastening portion is provided with one or more. SELECTED DRAWING: Fig. 2

Family 31/100 - FAMPAT - ©Questel

Title

(JP2020092713)

Post for **wire** holding in animal permanent **fence**

Publication numbers

JP2020092713

JP6706853

JP2016192961

Publication dates

2020-06-18

2020-06-10

2016-11-17

Abstract

(JP2020092713)

PROBLEM TO BE SOLVED: To provide a corner post which is restored even when a stretched **wire** is pulled by an animal, on a corner part where a stretch direction of a **wire** is changed in an animal permanent post for inhibiting passage of an animal.

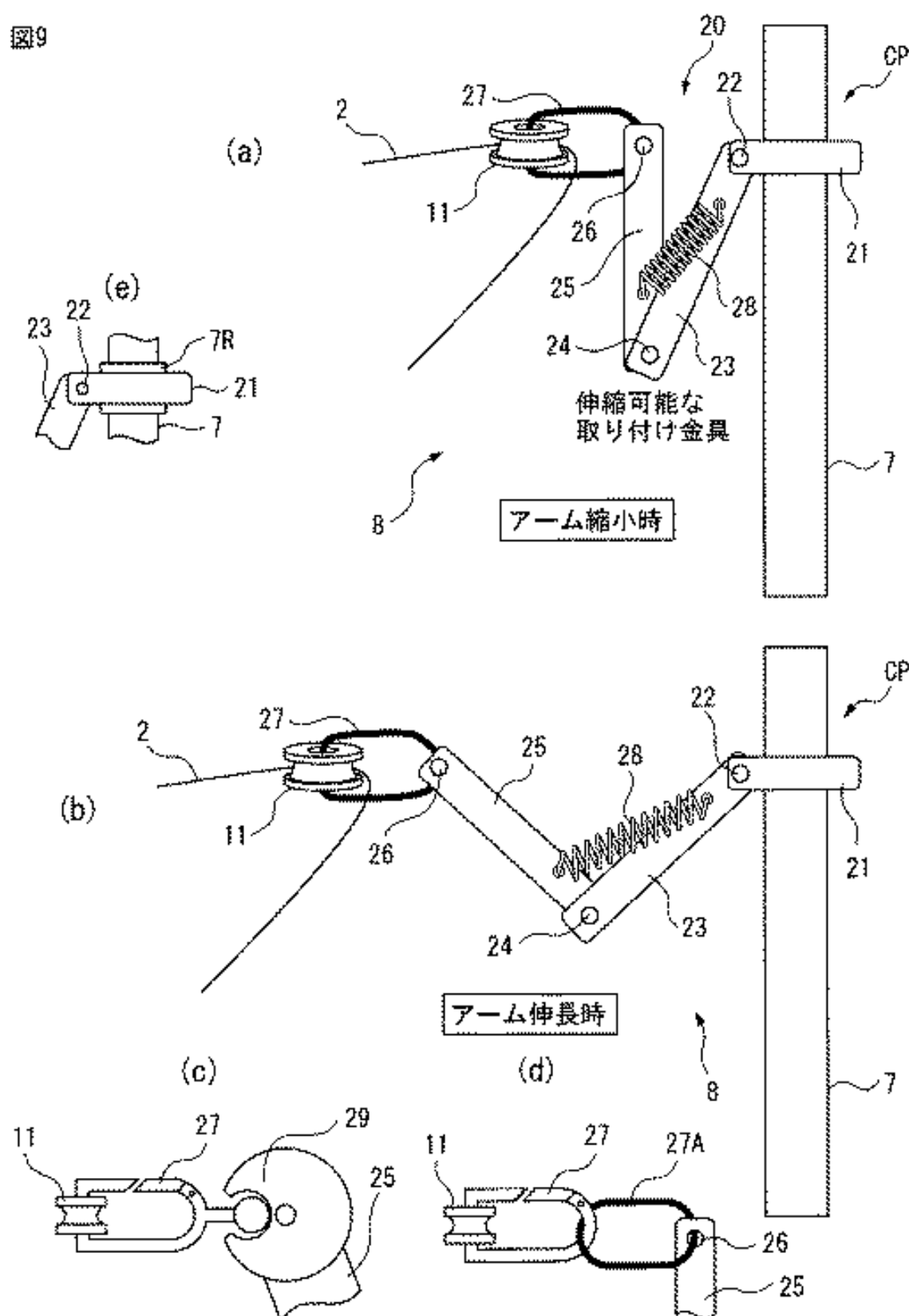
SOLUTION: A corner post CP installed on a corner part of an **electric fence** for inhibiting passage of an animal comprises: a pole 7 whose tip part is embedded in a ground and which is erected in a vertical direction on the ground and has high rigidity; a **wire** holding tool 20 which holds a plurality of wires 2 stretched on the pole 7 on a part of the pole exposed from the ground; and a pulley 11 which is rotatably attached to a tip of the **wire** holding tool 20 for moving the stretched wires 2. The **wire** holding tool 20 moves the pulley 11 in a direction where additional tension is reduced from the pole 7, when additional tension acts to the wires 2 due to rushing of an animal, and restores the pulley 11 to an original position when tension to the **wire** 2 disappears.

SELECTED DRAWING: Figure 9

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図9



Family 32/100 - FAMPAT - ©Questel

Title

(DE102004047237)

Insulators on post for **electric fence** marking off stretch of grazing land on **farm** consist of rings on either side of conductor rail surrounding fastening bolts

Publication numbers

DE102004047237

Publication dates

2005-11-03

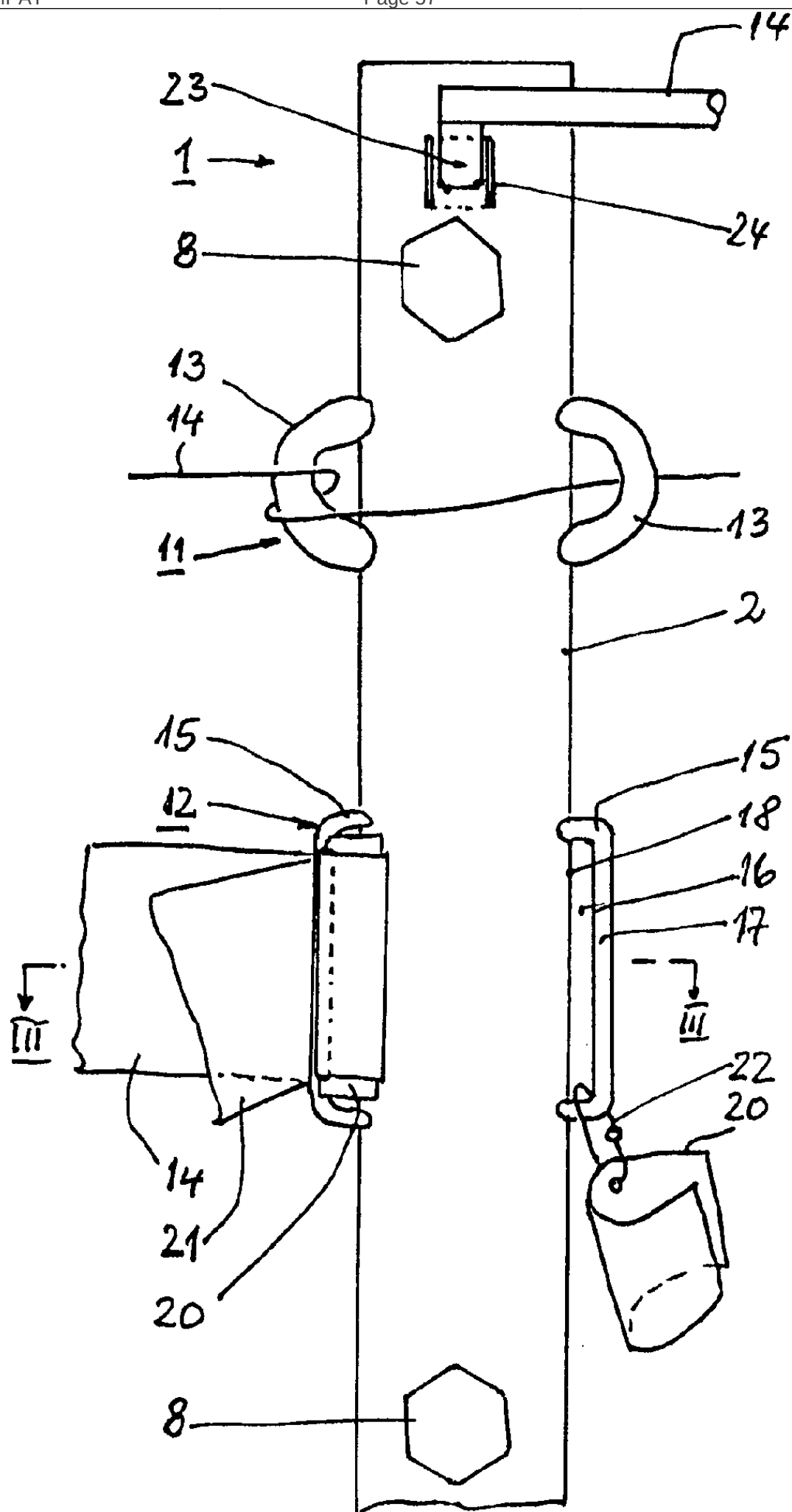
Abstract

(DE102004047237)

The **fence** post has a flat conductor rail (2) fastened to it by screws (8). The screws have self-tapping threads which penetrate into the post. The shank of each screw passes through a large hole in the rail without contacting it. The top of the conductor rail is bent through 90 degrees to cover the top of the post. There is an insulating ring between the post and the rail and a similar ring between the rail and the head of the screw. The inside diameter of each ring is the same as the inside diameter of each hole in the rail. Eyes (13,15) and clips (24) on the flat conductor rail hold wires and conductive tapes (14).

(From DE102004047237 B3)

Images



Family 33/100 - FAMPAT - ©Questel

Title

(JP2011003411)

Conductive **wire** supporting **insulator**

Publication numbers

JP5377105

JP2011003411

Publication dates

2013-12-25

2011-01-06

Abstract

(JP2011003411)

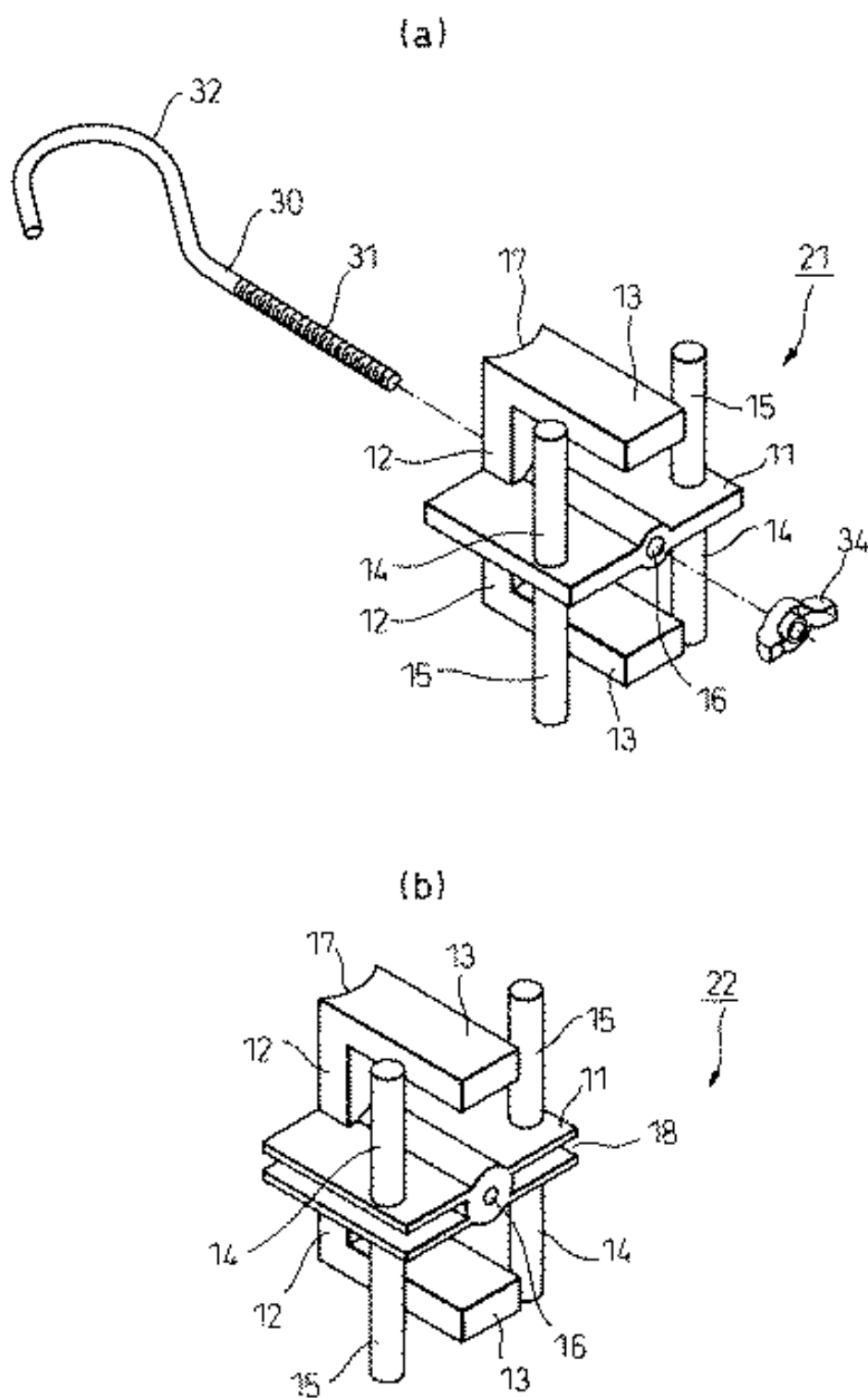
PROBLEM TO BE SOLVED: To provide an **insulator** capable of supporting two conductive wires at a predetermined spacing without fixing them while actualizing easy mounting of the conductive wires in a hard-to-remove manner.

SOLUTION: The conductive **wire** supporting **insulator** which is mounted on an electrified **fence** supporting column in use includes a mounting bracket 30 consisting of a bracket body having a shaft part 31 at one end of which a hook portion 32 is formed to engage with the supporting column and at the other end of which a screw portion is formed, and a nut 34 to be threaded to the screw portion, an **insulator** body 11 having a through-hole 16 through which the shaft part 31 is inserted, first locking arms 13 provided on the upper and lower parts of the **insulator** body 11, respectively, and extending in the direction parallel to the through-hole 16, and two second locking arms 14, 15 protruded on each of the upper and lower parts of the **insulator** body 11 across the first locking arms 13 to establish such a relationship that they are in crooked positions relative to the first locking arms 13, respectively.

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Images

圖 6



Family 34/100 - FAMPAT - ©Questel

Title

(US9521827)

Fence post **insulator** apparatus and methods**Publication numbers**

US9521827

US20140312288

Publication dates

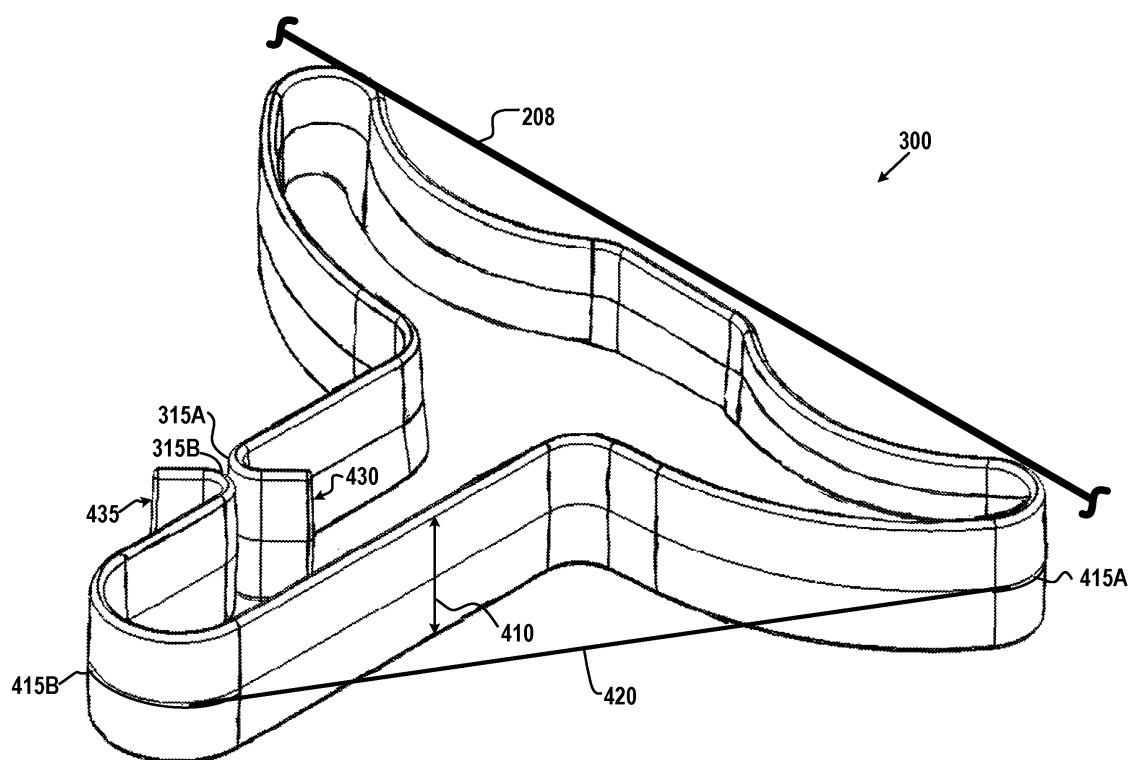
2016-12-20

2014-10-23

Abstract

(US20140312288)

An **electric fence insulator** is formed as a flexible band of material with an opening along a lateral periphery. The band is flexed to position around the perimeter of a **fence** post along a length of the **fence** post as determined by the length of the **insulator**. The **insulator** provides electrical insulation between an electrically energized **fence wire** and a point of contact of the **wire** with a grounded **fence** post. The **insulator** includes a fastener at the opening to close to a secure position using a simple clipping motion after the insulating band is positioned on the **fence** post at a selected height. The **insulator** forms a minimal lever arm between the **fence** post and the energized **wire**. The **insulator** may be retrofitted to existing installations with **fence wire** already installed without a need to access the **fence** post from the top to the section requiring electrical insulation.

Images

Family 35/100 - FAMPAT - ©Questel

Title

(EP--58693)

Alarm system for **electric** fences

Publication numbers

EP0058693

NZ198204

US4523187

AU543451

GB2094577

EP0058693

ZA816035

DE3152292

AR227062

GB2094577

EP0058693

ES505065

ES8206144

BR8108770

AU7533381

WO82/00936

Publication dates

1987-04-01

1985-08-16

1985-06-11

1985-04-18

1984-07-04

1983-01-14

1982-09-29

1982-09-23

1982-09-15

1982-09-15

1982-09-01

1982-08-16

1982-08-16

1982-07-13

1982-04-08

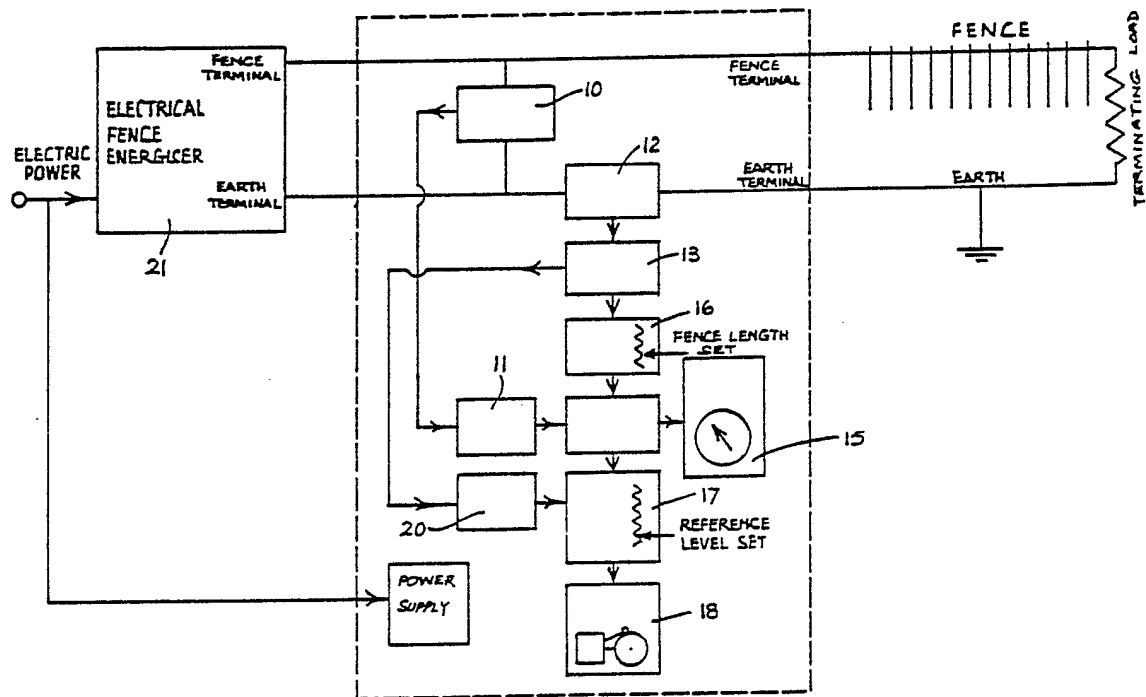
1982-03-18

Abstract

(EP0058693)

A monitoring system for use with an electrified **fence** and an energizer (21) therefore, said monitoring system being adapted to determine the effectiveness of **electric** pulses applied to the **fence** by the energizer (21) and comprising voltage sensing means (10) for sensing the voltage of the pulse applied to the **fence** conductor, current sensing means (12) for sensing the current in the **fence** conductor and monitoring means (14), (16), (17), (20) for monitoring signals related to the current and voltage whereby the monitoring means (14), (16), (17), (20) operates an alarm means (18) and/or indicates a reading on indicator means (15) when the monitored signals fall outside predetermined ranges of values indicative of lack of **fence** effectiveness.

Images



Family 36/100 - FAMPAT - ©Questel

Title

(EP-935805)

Electrobraid **fence**

Publication numbers

CN1152388

DE69723572

DE69723572

AT245305

EP0935805

US6341550

EA001901

JP2001511290

CA2267771

NZ335653

AU720080

EA199900338

BR9712673

CN1234904

EP0935805

AU4859397

WO98/20505

Publication dates

2004-06-02

2004-04-22

2003-08-21

2003-08-15

2003-07-16

2002-01-29

2001-10-22

2001-08-07

2001-02-27

2000-10-27

2000-05-25

2000-02-28

1999-12-14

1999-11-10

1999-08-18

1998-05-29

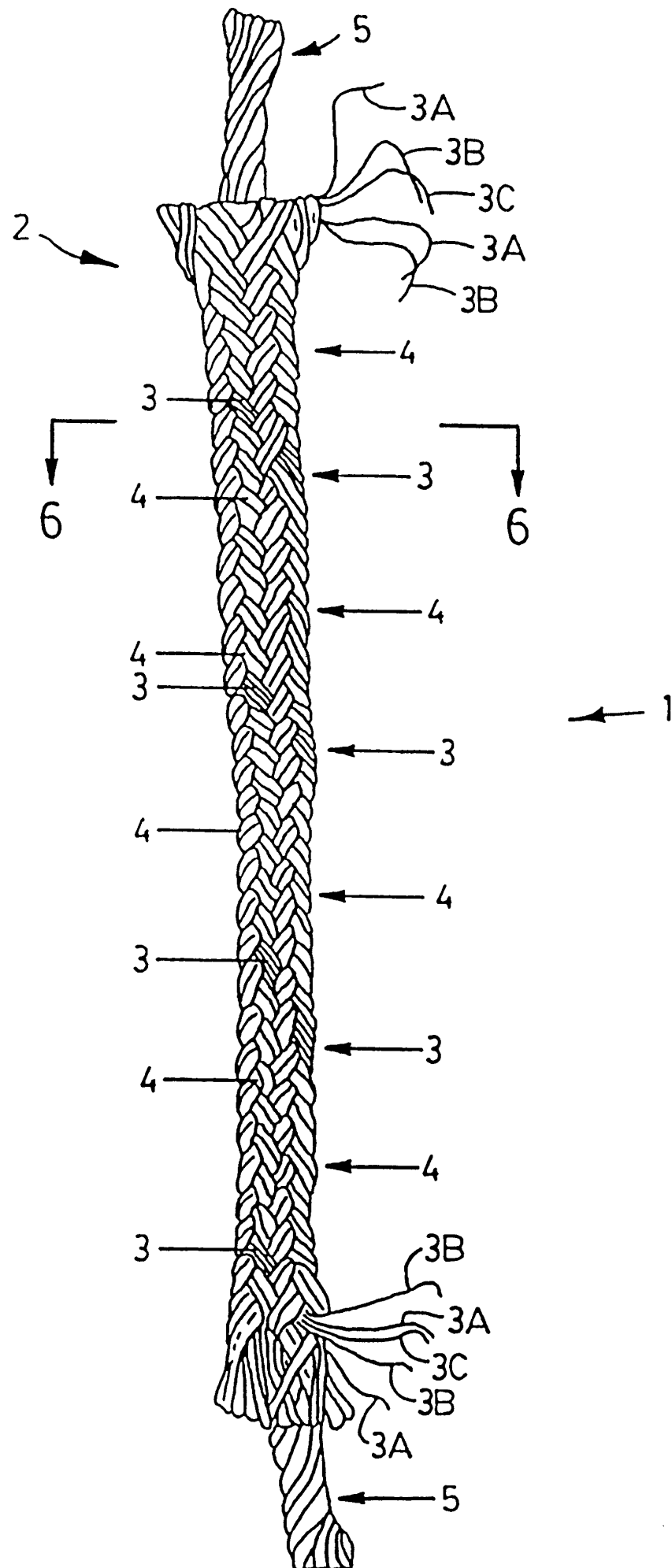
1998-05-14

Abstract

(EP0935805)

A light weight, strong and flexible, braided electrical **fence** rope, for fences to contain livestock and keep unwanted animals out, combines in its outer braided jacket electrically conductive elements with high strength non-conductive elements in a double helix configuration. The outer braided jacket will preferably surround an inner core of non-conductive high strength elements. The high strength non-conductive elements and the physical properties of the braided rope construction provide inherent strength and flexibility properties to the **fence** rope. The conductive elements in the outer braided jacket are selected to provide an effective **electric** shock when contacted by an animal. This **electric fence** rope combines barrier strength and psychological deterrence to both domestic and wild animals.

Images



Family 37/100 - FAMPAT - ©Questel

Title

(JP08112055)

Electric fence

Publication numbers

JP2656910

JP08112055

Publication dates

1997-09-24

1996-05-07

Abstract

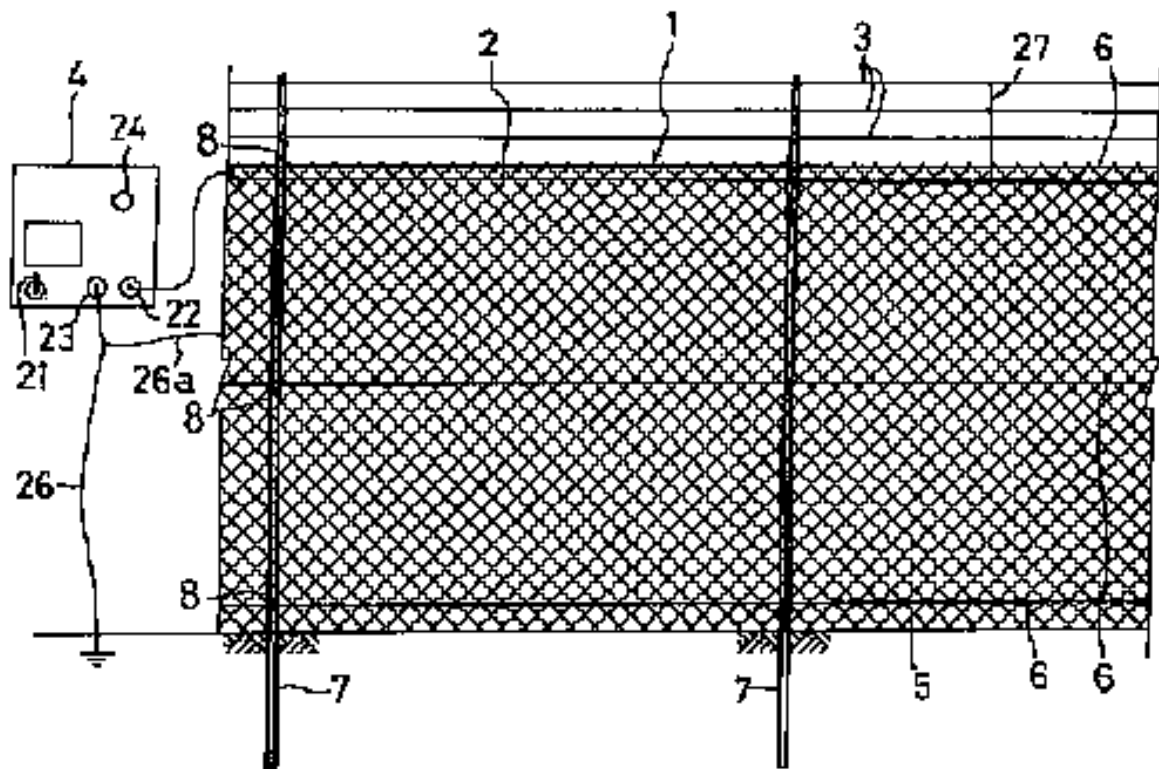
(JP08112055)

PURPOSE: To provide an **electric fence** designed to protect field crops from wild animals such as monkeys.

CONSTITUTION: This **electric fence** has the following scheme: plural naked **electric** wires 2, 3 are stretched along the upper edge of a **fence** body 1 made of electrically conductive material and a power source 4 is set up to apply shock voltage on the naked **electric** wires 2, 3. The anode 22 of the power source 4 is connected to the naked **electric** wires 2, 3, while the cathode 23 grounded and connected to the **wire** net 5 of the **fence** body 1. Specifically, the naked **electric wire** 2 is stretched on the side of the upper part of the **fence** body 1, while the **wire** 3 on the upper site of the **fence** body 1.

COPYRIGHT: (C)1996,JPO

Images



Family 38/100 - FAMPAT - ©Questel

Title

(US4883923)

Electric fence insulator for holding various conductor types, including tape-type

Publication numbers

US4883923

Publication dates

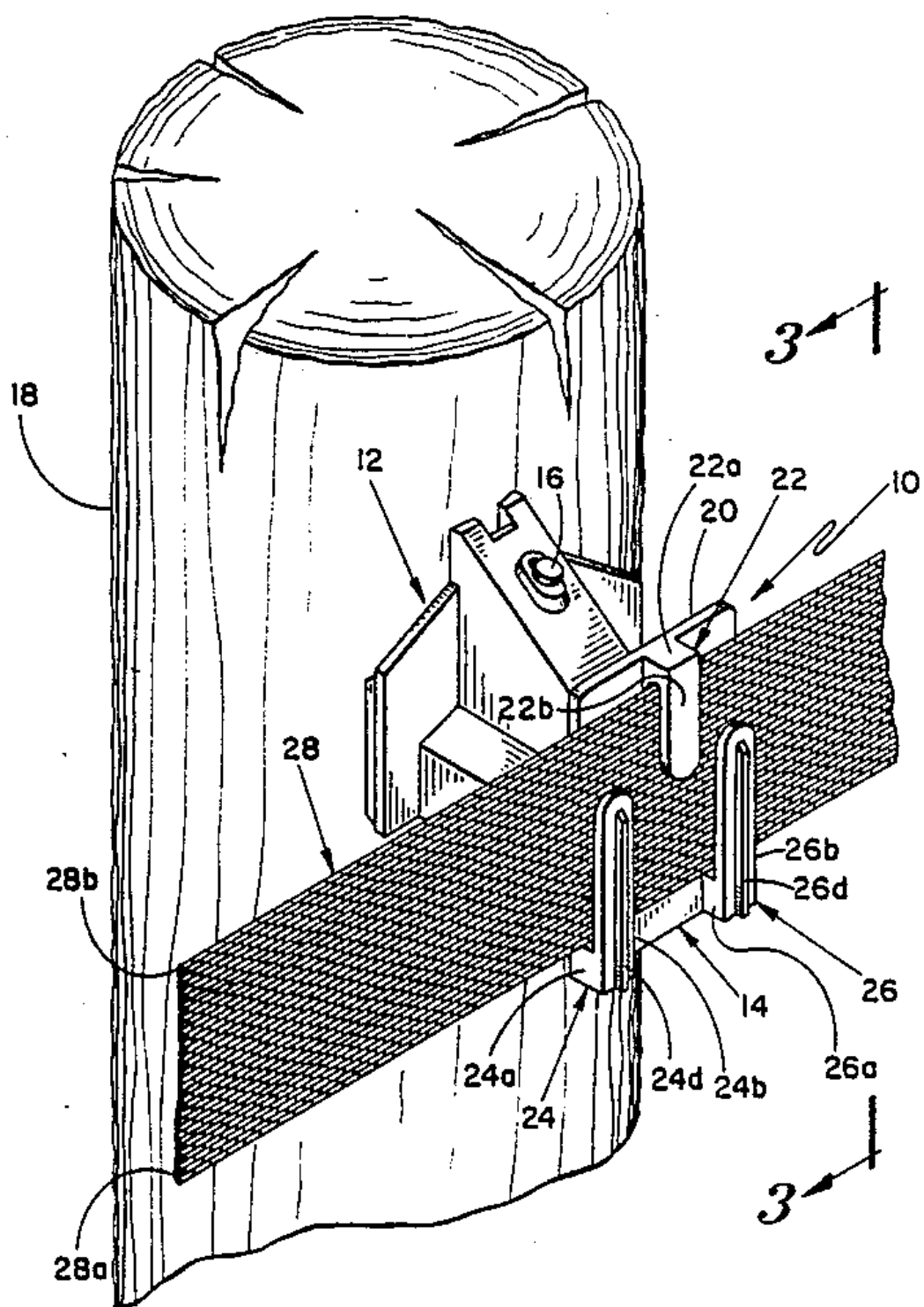
1989-11-28

Abstract

(US4883923)

The **electric fence insulator** is of linear polyethylene. The **insulator** includes a vertical panel having a first L-shaped clip thereon providing a downwardly directed prong. A pair of laterally spaced L-shaped clips provide a pair of upwardly directed prongs each having a rib extending therealong. The ribs render these last-mentioned prongs relatively rigid with respect to the downwardly extending prong. The downwardly extending prong has its lower end at an elevation beneath the elevation of the upper ends of the upwardly extending prongs to assure retention of an **electric fence** conductor by reason of the overlapping prongs.

Images



Family 39/100 - FAMPAT - ©Questel

Title

(US3562407)

Height-adjustable, insulating collar clip for anchoring **wire** to **electric** livestock **fence** posts

Publication numbers

US3562407

Publication dates

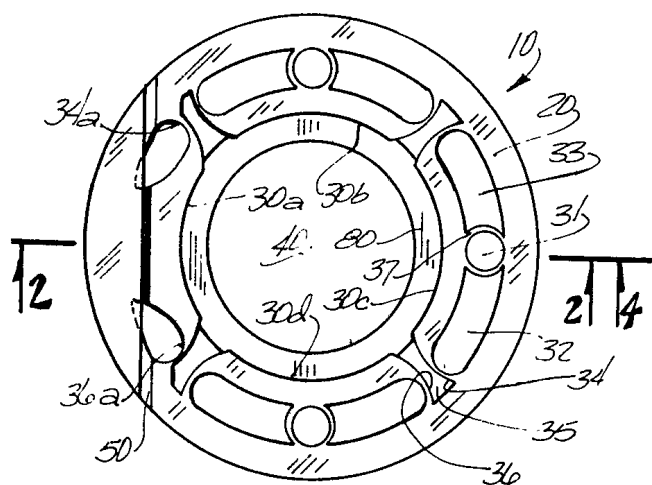
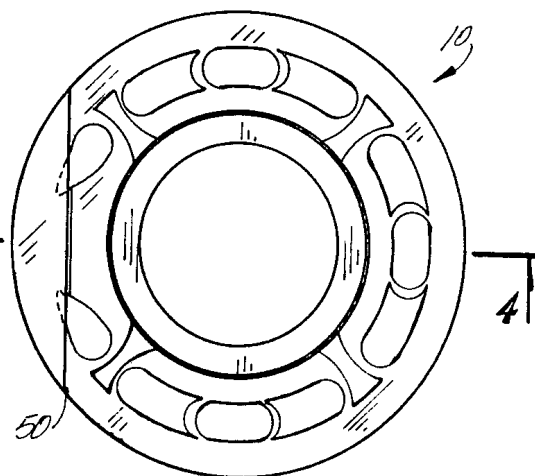
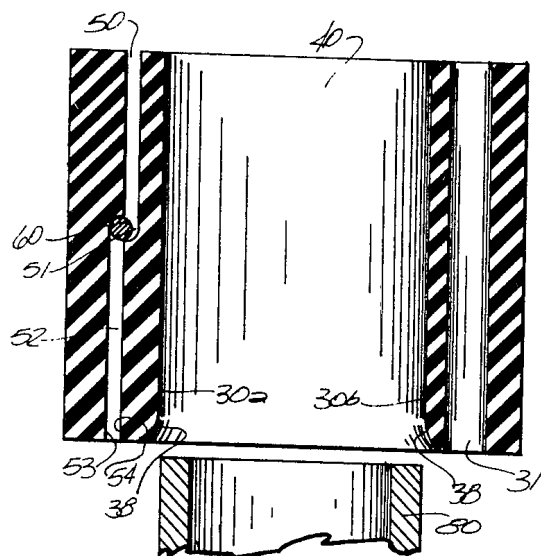
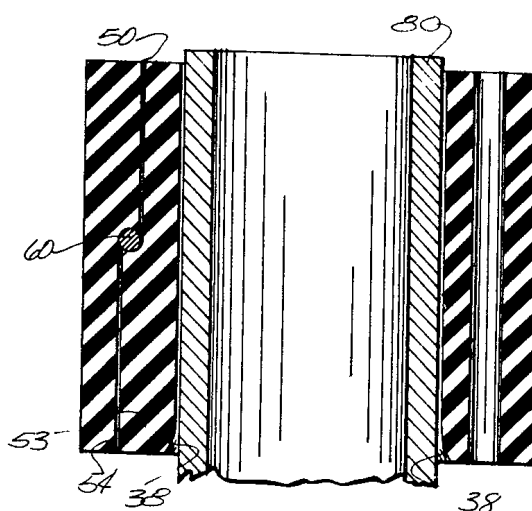
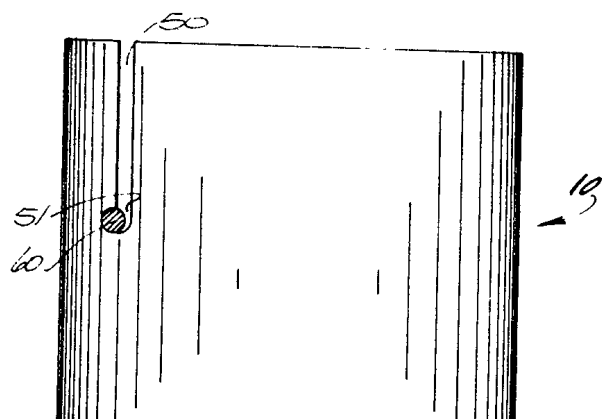
1971-02-09

Abstract

(US3562407)

This invention provides a novel insulating collar clip, for retaining the **electric wire**, which collar clip is positioned on the livestock **fence** post by forcing it down around the outside surface of the post, and is adjustably movable up and down the post with manual force so as to humanely contain livestock of various sizes and ages within the perimeter of said **electric fence**; this, without requiring multiple strands of **wire**, or resetting of **fence** posts to various heights.

Images

**Fig. 1****Fig. 3****Fig. 2****Fig. 4**

INVENTOR
BY **ROBERT E. BEANE**

Family 40/100 - FAMPAT - ©Questel

Title

(KR100733763)

Electronic fence

Publication numbers

KR100733763

KR20070039515

Publication dates

2007-06-29

2007-04-12

Abstract

(KR20070039515)

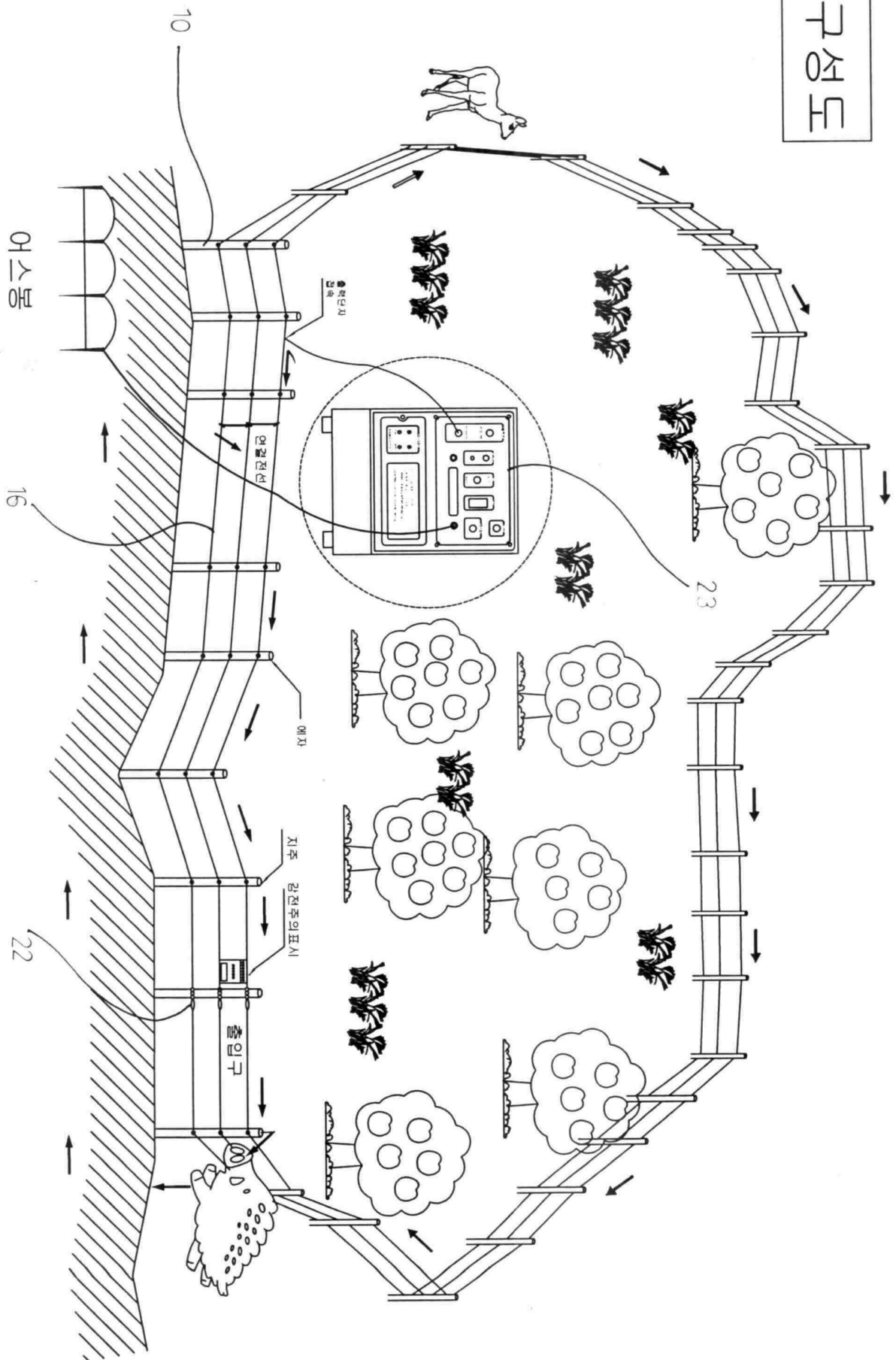
PURPOSE: An electronic fence system for eliminating wild animals is provided to prevent approaching of the wild animals by applying electric shock to the wild animals by transmitting high voltage output from a high voltage generator to an electric wire.

CONSTITUTION: In the electronic fence system for eliminating wild animals, an insulator body(11) is fixed on a predetermined spot of a post rod(10). A combining groove(13) for fixing an electric wire is formed on the insulator body. A connecting clip(14) having a fixing pin(17) is inserted into the combining groove. A spring with a tension regulating function and an entrance handle are fixed on both sides of the connecting clip. Accordingly, the electric wire is continuously connected to apply shock to the wild animal approaching a fence.

(C) KIPO 2007

Images

전체구성도



Family 41/100 - FAMPAT - ©Questel

Title

(JP09201140)

Electric wire supporting apparatus of **electric fence**

Publication numbers

JP2843291

JP09201140

Publication dates

1999-01-06

1997-08-05

Abstract

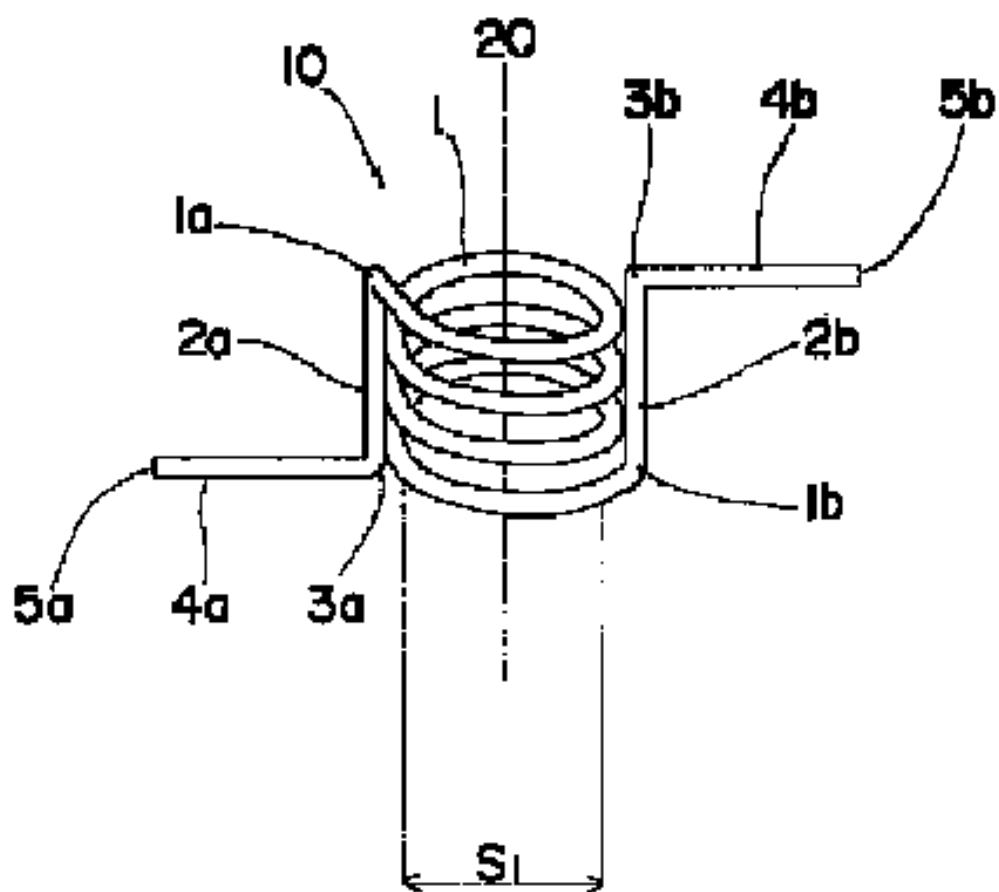
(JP09201140)

PROBLEM TO BE SOLVED: To provide an **electric wire** supporting apparatus for preventing the shifting and falling of a bare **wire** in the case of applying a load to the **wire** and preventing the displacement of the bare **wire** with each pole.

SOLUTION: This supporting apparatus supports a bare **wire** of an **electric fence** with insulation pares erected at regular intervals. An elastic string is spirally wound several turns to form a coil spring main body 1. The inner diameter S1 of the coil spring main body 1 in natural state is made to be smaller than the outer diameter of the insulation pole. A wind-starting side hinge 2a is formed by bending a wind-starting side string 1a at the starting end of the coil spring main body 1 along the outer face of the coil spring main body 1 toward the wind-ending direction of the coil spring main body. A tip string 3a of the wind-starting side hinge 2a is bent in the direction separating from the center axis 20 to form a wind-starting side arm 4a. Similarly, a wind- ending side string 1b, a wind-ending side hinge 2b, a tip string 3b and a wind- ending side arm 4b are formed at the opposite side of the coil spring main body 1.

COPYRIGHT: (C)1997,JPO

Images



Family 42/100 - FAMPAT - ©Questel

Title

(DE4433496)

Electric fence for use on **farm**

Publication numbers

DE4433496

Publication dates

1996-03-21

Abstract

(DE4433496)

An **electric fence** uses an impulse generator for the high voltage. Several electrically conducting wires 3 are joined with elastic material 1 so that they form an elastic conducting rope which can be tied to the **fence** posts. The conducting wires are mixed with non-conducting plastic ones 2 and are interwoven with a rubber core 1. The length of the unstretched core is about half its length when fully stretched. The **fence** posts have anchor-shaped arms around which the rope is tied.

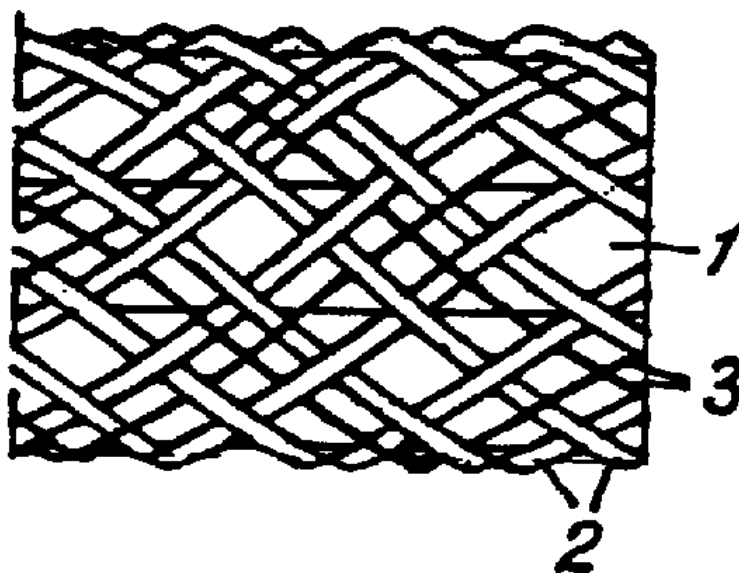
Images

Fig. 2

Family 43/100 - FAMPAT - ©Questel

Title

(US6209853)

Electric wire insulator and support bracket for metal **fence** posts

Publication numbers

US6209853

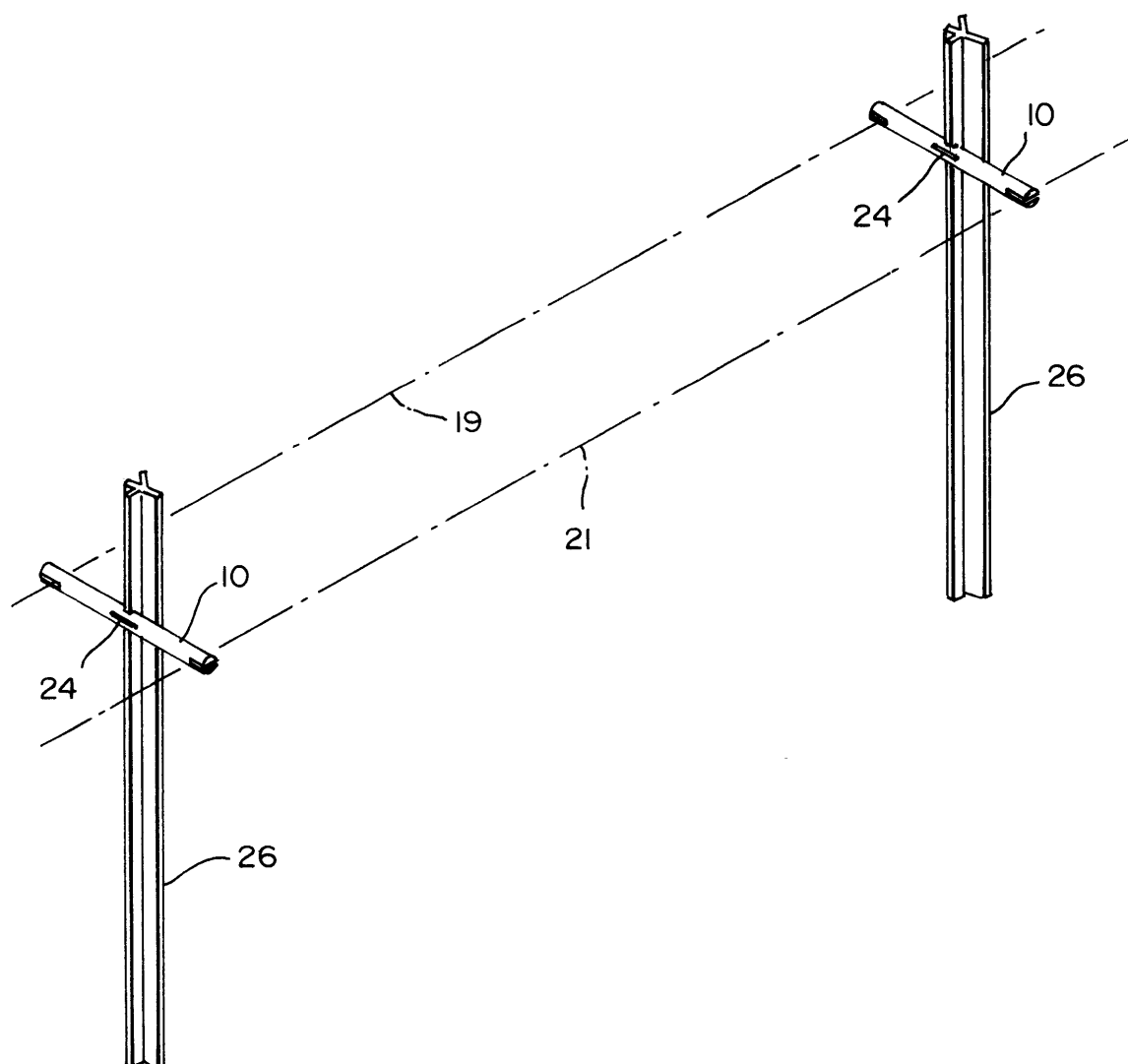
Publication dates

2001-04-03

Abstract

(US6209853)

An **electric wire insulator** and support bracket for metal **fence** posts having a cylindrical bracket arm slotted along its length to receive and be mounted on a flange of a steel **fence** post. Tie holes are located at each side of the slot for positioning a tie member for securing the bracket to the post. **Wire** retention slots are located in each end of the arm for supporting **electric fence** wires and retention pins confine the wires in the slots.

Images

Family 44/100 - FAMPAT - ©Questel

Title

(KR101710370)

Power-saving smart electrical fence system

Publication numbers

KR101710370

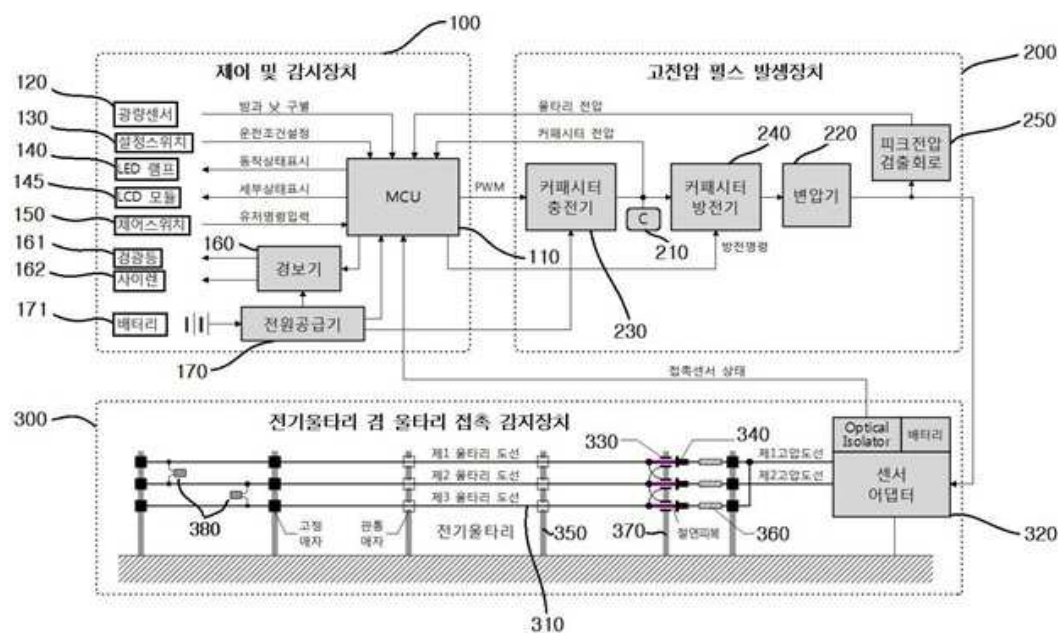
Publication dates

2017-02-24

Abstract

(KR101710370)

The present invention relates to a power-saving smart electrical fence system. More specifically, the present invention relates to an electrical fence which prevents trespass of wild animals or escape of livestock raised in farms to the outside, by apply high voltage to a fence wire. According to the present invention, a contact sensing device which can be used as a signaling wire as well as contact sensing wire disposed on the fence wire, and operates only when coming into contact with animals, thereby minimizing power consumption. Accordingly, the electrical fence provides a power-saving system in that the electrical fence can be used over a year with a 4 FM battery for flashlight if covering up 1-2 km of fences.

Images

Family 45/100 - FAMPAT - ©Questel

Title

(CN207038260U)

Can follow **fence insulator** that alloy **wire** passed

Publication numbers

CN207038260

Publication dates

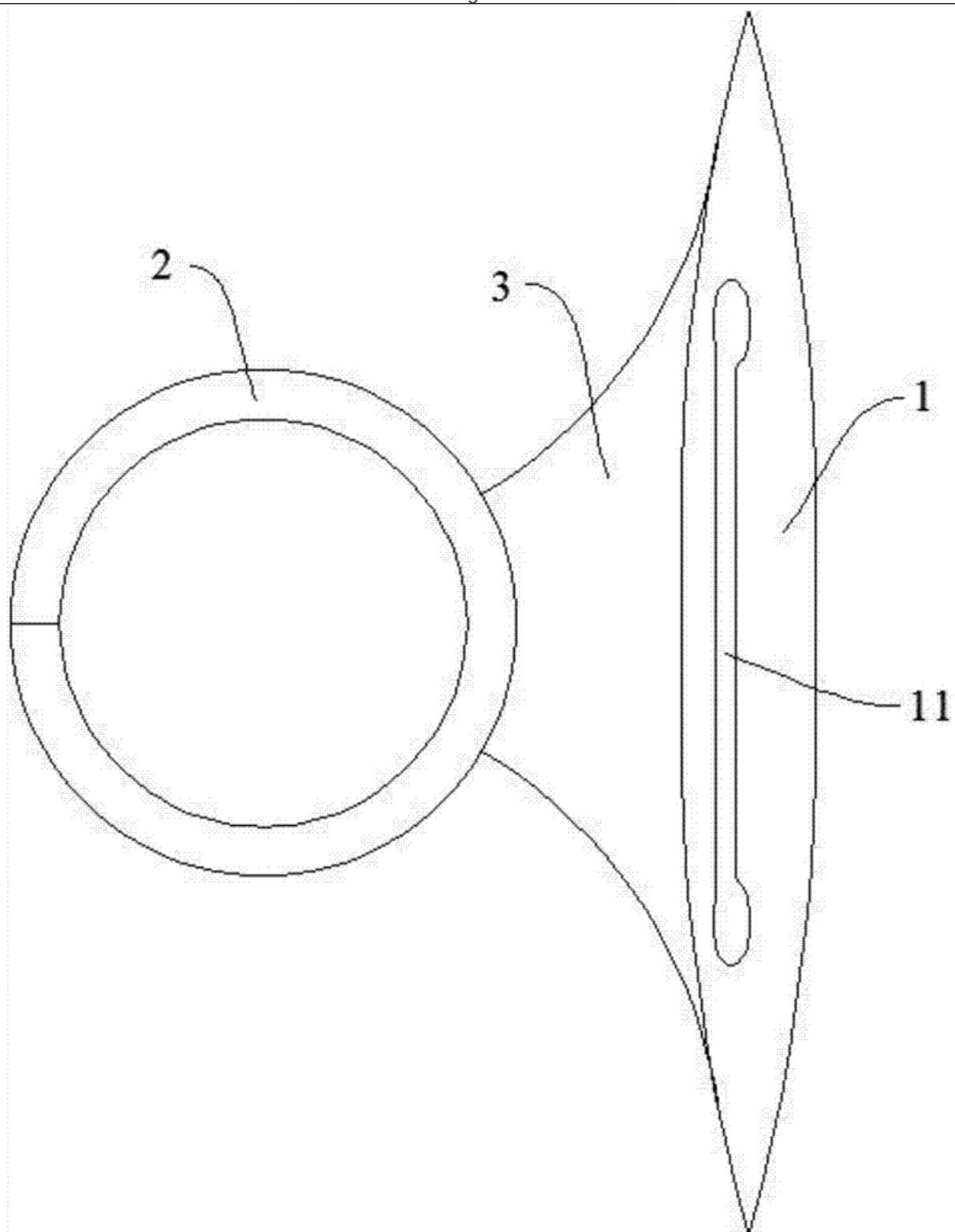
2018-02-23

Abstract

(CN207038260)

The utility model provides a can follow **fence insulator** that alloy **wire** passed, includes: card line portion, fixed part and connecting portion, the fixed part is fixed on the metal pole, the spindle structure that card line portion set up for the level, a connecting portion side joint card line portion, another side joint fixed part of connecting portion, two extreme point branches of one side that connecting portion and card line portion meet maybe the spindle two pointed ends, connecting portion are constantly contract and the increase in thickness to the in -process width that the fixed part extends by these two pointed ends, the intersecting line of connecting portion and card line portion is located the lower half of card line portion cross section, open card line portion top surface and the one side of being partial to the fixed part has the **wire** casing, the **wire** casing is parallel with card line portion axis, the top width less than or equal to 0.75 times slotted hole diameter of **wire** casing. The utility model has the advantages of simple structure, rationally, it is difficult to along the problem of alloy **wire** through the **insulator** to have solved the pendant.

Images



Family 46/100 - FAMPAT - ©Questel

Title

(JP11169007)

Energizing apparatus for **electric fence**

Publication numbers

JP3091839

JP11169007

Publication dates

2000-09-25

1999-06-29

Abstract

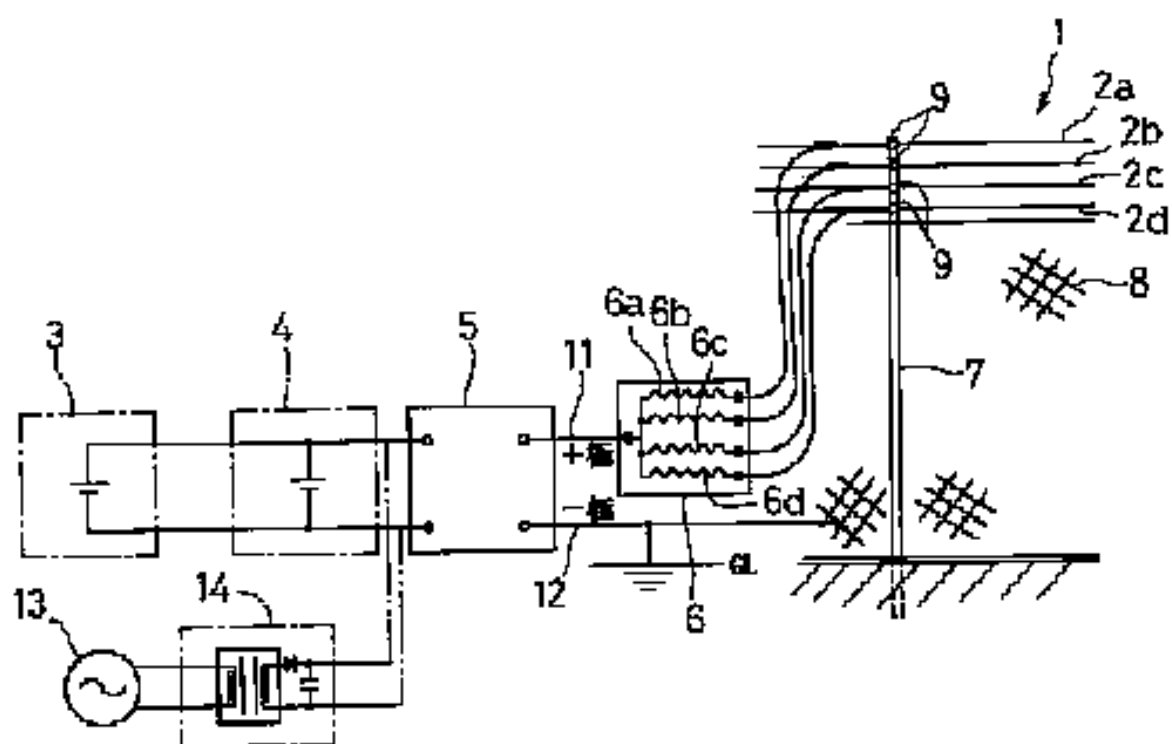
(JP11169007)

PROBLEM TO BE SOLVED: To provide an energizing apparatus capable of not exerting the influence of a part of earthed bare wires on other bare wires in an **electric fence** equipped with plural bare wires to which a high-voltage pulse is impressed.

SOLUTION: An output **wire** 11 of a pulse generator 5 to produce a high- voltage pulse is connected to a distributor 5. Resistors 6a to 6d are connected to each of branched wires of the distributor 5 and power is distributed through the resistors 6a to 6d to bare wires 2a to 2d.

COPYRIGHT: (C)1999,JPO

Images



Family 47/100 - FAMPAT - ©Questel

Title

(US4725825)

Electric fence voltage indicator light

Publication numbers

US4725825

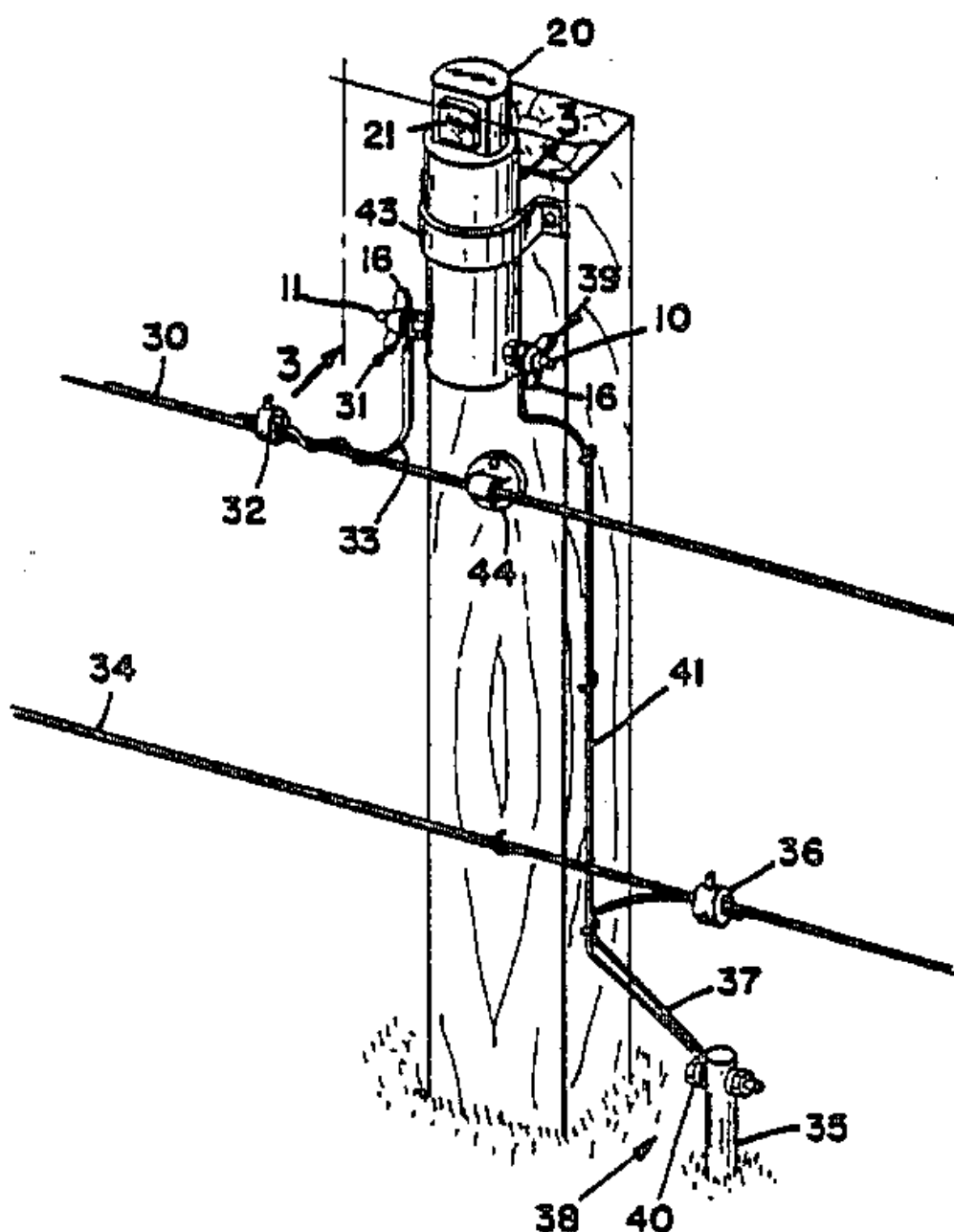
Publication dates

1988-02-16

Abstract

(US4725825)

An **electric fence** monitoring light including a storage device adapted to be coupled to the **electric fence** for storing energy pulses present on the **fence** and light emitting means responsive to the energy storage device to emit a pulse of light at a repetition frequency which is sensitive to voltage values of the energy pulses present on the **electric fence**.

Images

Family 48/100 - FAMPAT - ©Questel

Title

(US2805277)

Electric fence insulator

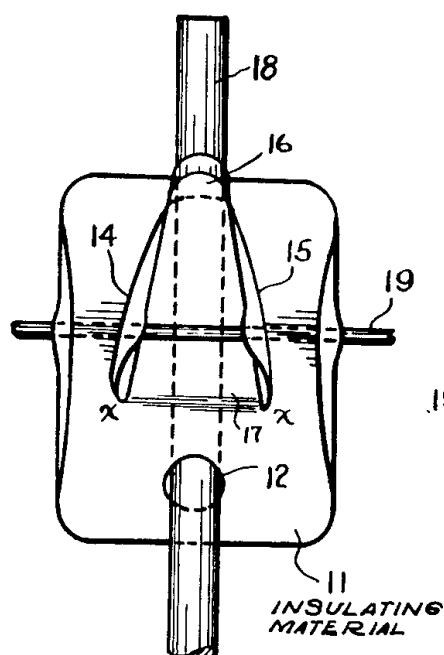
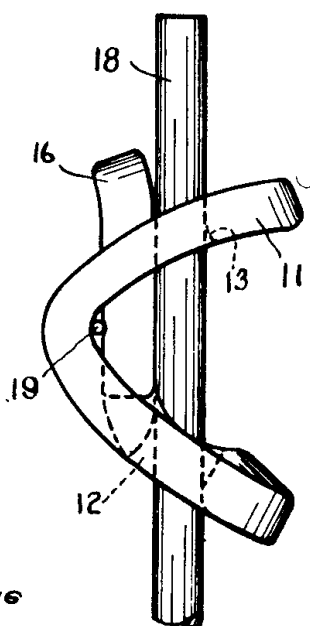
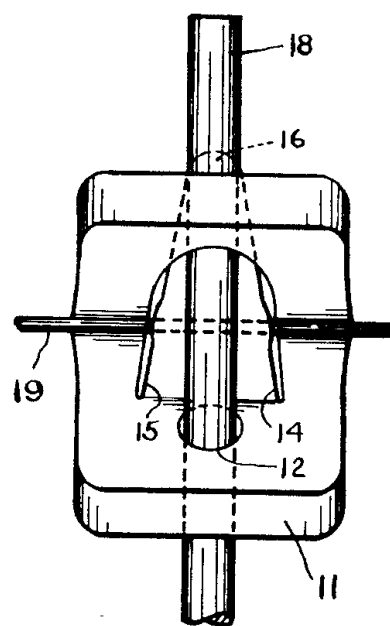
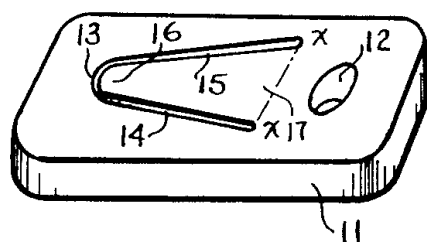
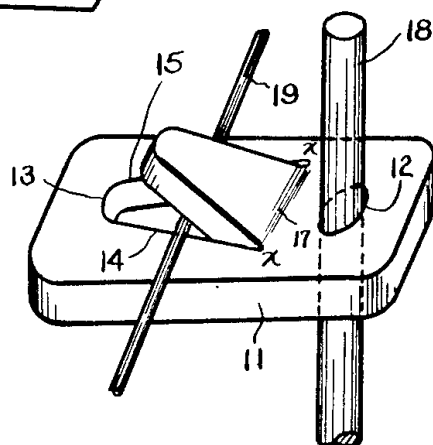
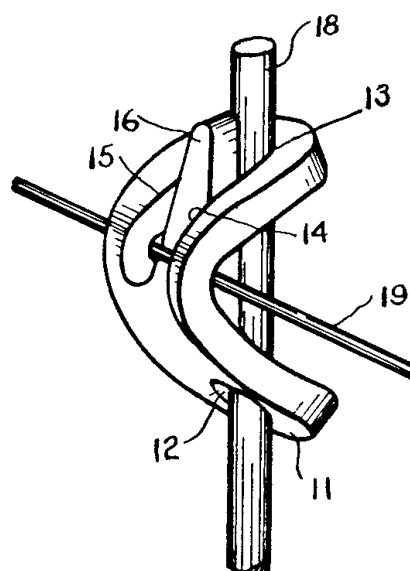
Publication numbers

US2805277

Publication dates

1957-09-03

Images

Fig. 4.Fig. 5.Fig. 6.Fig. 1.Fig. 2.Fig. 3.

INVENTOR.
CLIFFORD Z. MOELLER
BY
Frank E. Haskell
ATTORNEY

Family 49/100 - FAMPAT - ©Questel

Title

(JP2005013136)

Electric fencing tool for preventing invasion of wild boar

Publication numbers

JP2005013136

JP3552219

Publication dates

2005-01-20

2004-05-14

Abstract

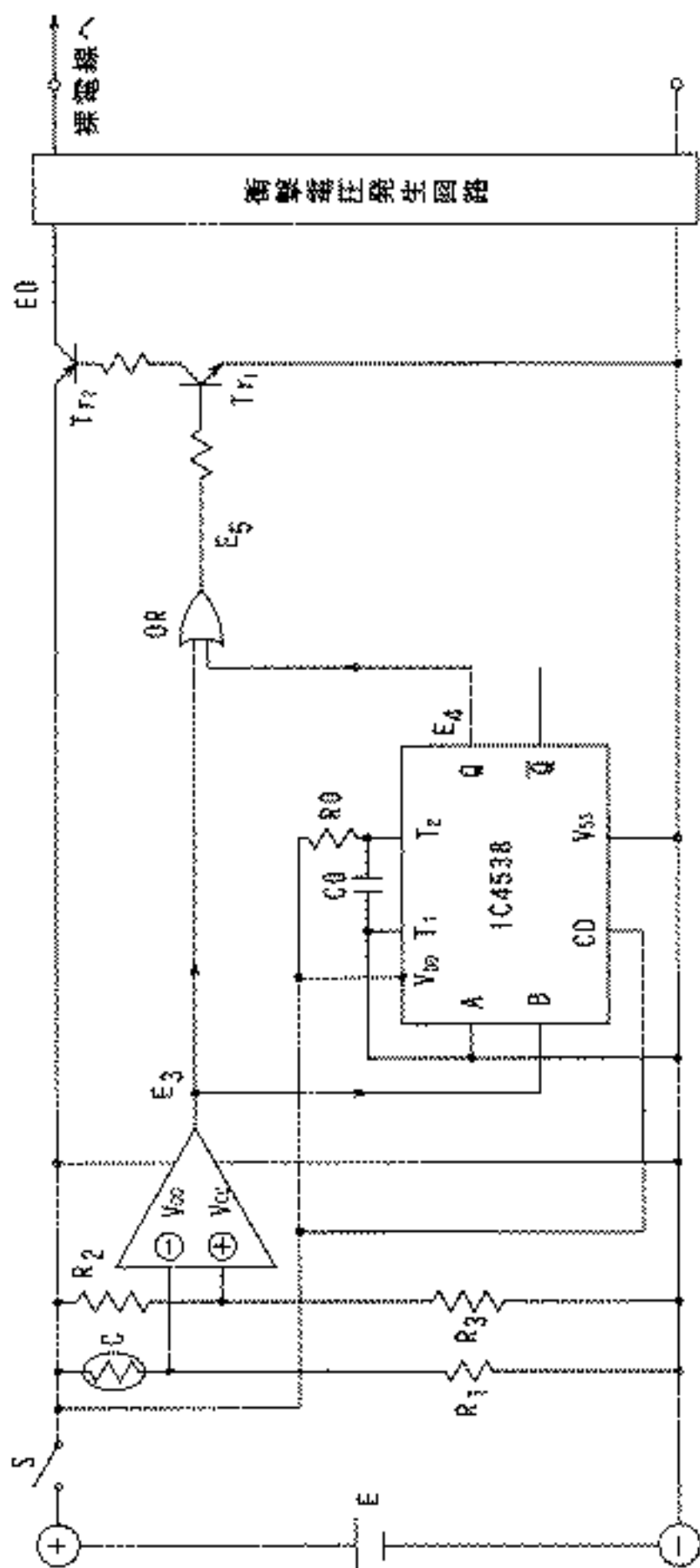
(JP3552219)

PROBLEM TO BE SOLVED: To provide an **electric** fencing tool effectively acting in a time zone in which a wild boar acts, and effectively corresponding to the active time zone of the wild boar.

SOLUTION: This **electric** fencing tool has an impulse voltage-generating device having an electrically connected light sensor C and a time-extending device. The light sensor C turns the impulse voltage-generating device on by detecting the change caused when the surrounding is changed from a light state to a dark state, and turns the impulse-generating device off by detecting the change caused when the surrounding is changed from the dark state to the light state. The time-extending device is operated by the light sensor C, and stops the operation of the impulse voltage-generating device after a set prescribed time.

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Images



Family 50/100 - FAMPAT - ©Questel

Title

(US5369909)

Apparatus for killing insects along an **electric fence****Publication numbers**

US5369909

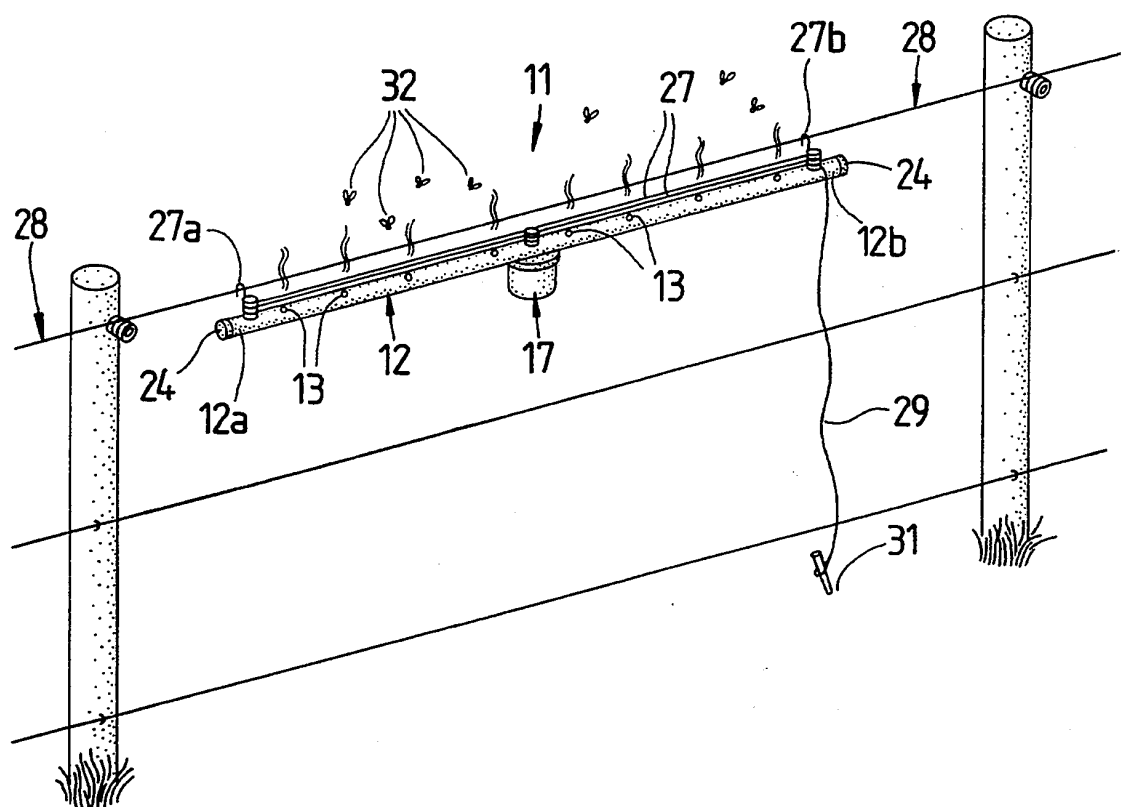
Publication dates

1994-12-06

Abstract

(US5369909)

A device for drawing current from an **electric fence** to attract and electrocute insects. The device includes a grounded hollow tubular member with apertures in liquid communication with a source of insect lure. A single or double strand of **wire** is supported by insulators mounted in parallel along said tube. The wires engage said **electric** fencing such that insects attract to said tube by the aroma of the lure and are electrocuted by contacting the wires and grounded base.

Images

Family 51/100 - FAMPAT - ©Questel

Title

(CN207038261U)

Alloy **wire** can be followed and cyclic annular pendant of **insulator** is passed

Publication numbers

CN207038261

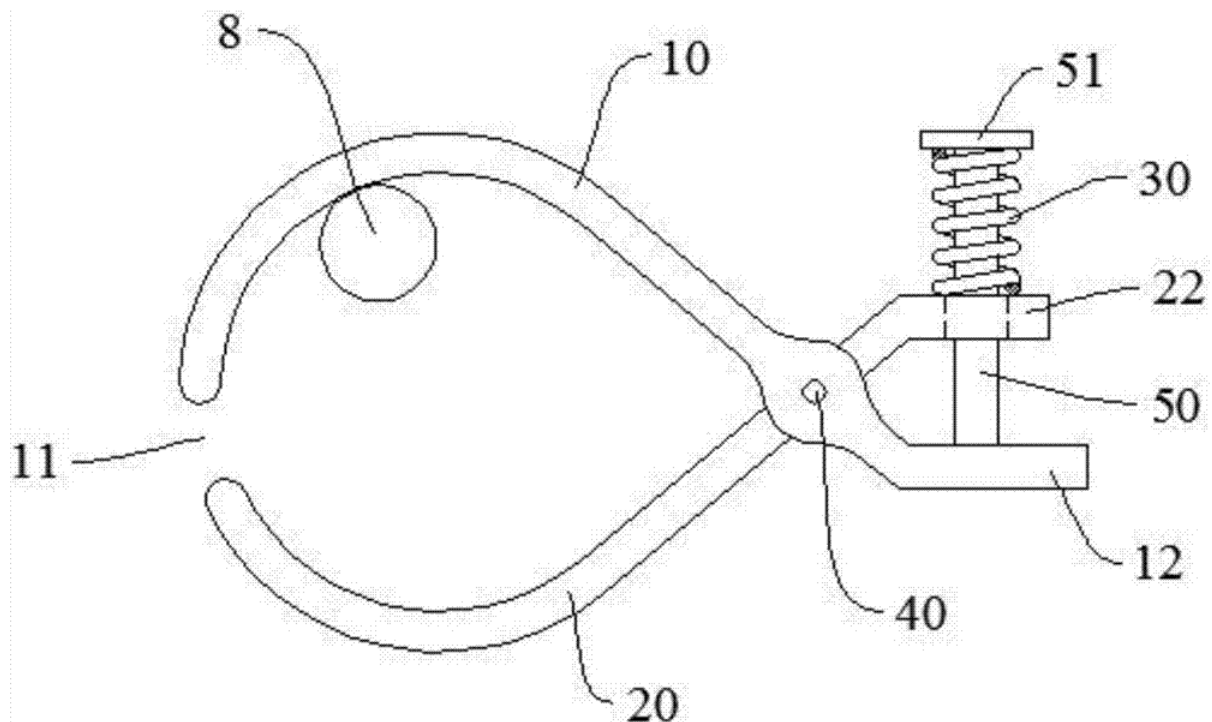
Publication dates

2018-02-23

Abstract

(CN207038261)

The utility model provides an alloy **wire** can be followed and cyclic annular pendant of **insulator** is passed, includes: first curved bar, second curved bar, pressure spring, hinge, round pin post, first curved bar and second curved bar pass through hinge cross cross connection, first curved bar and second curved bar are cyclic annular at hinge one side formation with notch, first curved bar and second curved bar extend a mesa at the hinge opposite side separately, the breach always is in the annular lower half that first curved bar and second curved bar enclose, the lower extreme of breach always is located the second curved bar, it has the through -hole to open on the mesa of second curved bar, the round pin post is fixed on the mesa of first curved bar and to pass this through -hole outwardly directed, the end that stretches out of round pin post is connected with the dog, the pressure spring cover is on round pin post extension, pressure spring one end is supported on the mesa at thesecond curved bar, the pressure spring other end offsets with the dog. The mesa of first curved bar is used for connecting other articles that need hang. The utility model has the advantages of simplestructure, rationally, realized using totally the alloy **wire** can pass the **insulator** for the removal of supporting.

Images

Family 52/100 - FAMPAT - ©Questel

Title

(CN104632538)

Pasture internet-of-things monitoring system powered up by wind electricity and automatic water feeding device

Publication numbers

CN104632538

CN104632538

Publication dates

2018-09-14

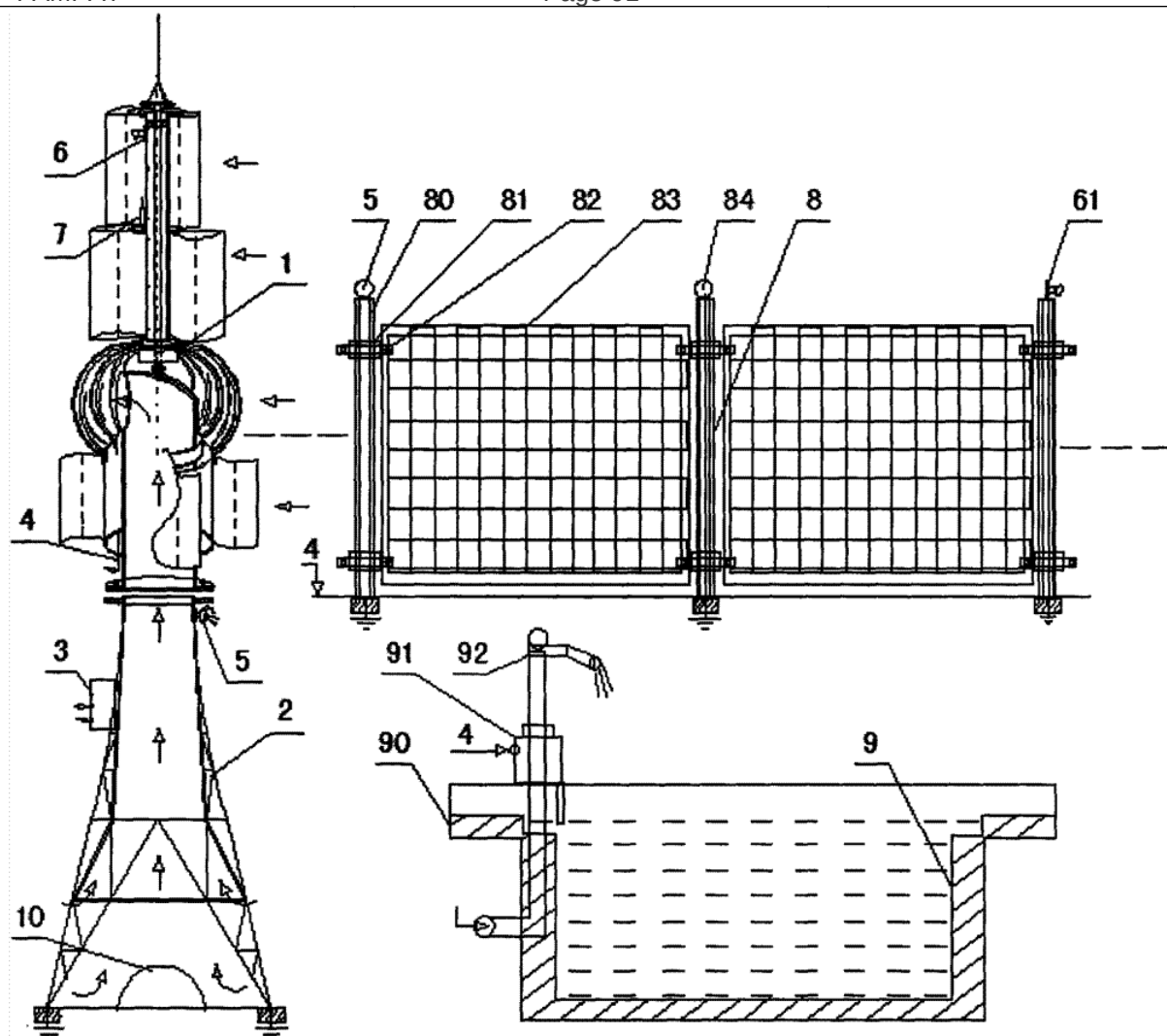
2015-05-20

Abstract

(CN104632538)

The invention discloses a pasture internet-of-things monitoring system powered up by wind electricity and an automatic water feeding device and belongs to the technical field of wind electricity clean energy. The pasture internet-of-things monitoring system powered up by wind electricity is formed in the mode that an iron tower-shaped base 2 is connected with a generator head 1, and the output power source of a generator is modulated by a control box 3 and then connected with a plurality of network cameras, wireless transponders and lamps or **electric** interaction pulse fences or automatic water feeding devices. The pasture internet-of-things monitoring system powered up by wind electricity is characterized in that a horn-shaped air inlet and a semilune sphere 10 are arranged in the base, air flow is made to rise spirally like tornado, the torque is continuously increased, wind wheels are pushed to rotate, and the electricity generation effect is improved. Power is supplied through wind electricity, the **electric** interaction pulse fences and the automatic water feeding devices are used for solving the problems that animals escape, water drinking is difficult and the animals are stolen, the pasture internet-of-things monitoring system powered up by wind electricity is suitable for a borderland, a confidential importance place, an institution, a **farm**, a villa and a garden, and a high wall is not needed; under the condition that the internet-of-things monitoring system and the **electric** interaction pulse **fence** with standby wind electricity or mains supply, a low-cost safe internet-of-things defense system which is powered by wind electricity and adopting computer remote automatic video monitoring can be established.

Images



Family 53/100 - FAMPAT - ©Questel

Title

(JP2011167105)

Method for harvesting and growing wild deer and facility thereof

Publication numbers

JP2011167105

Publication dates

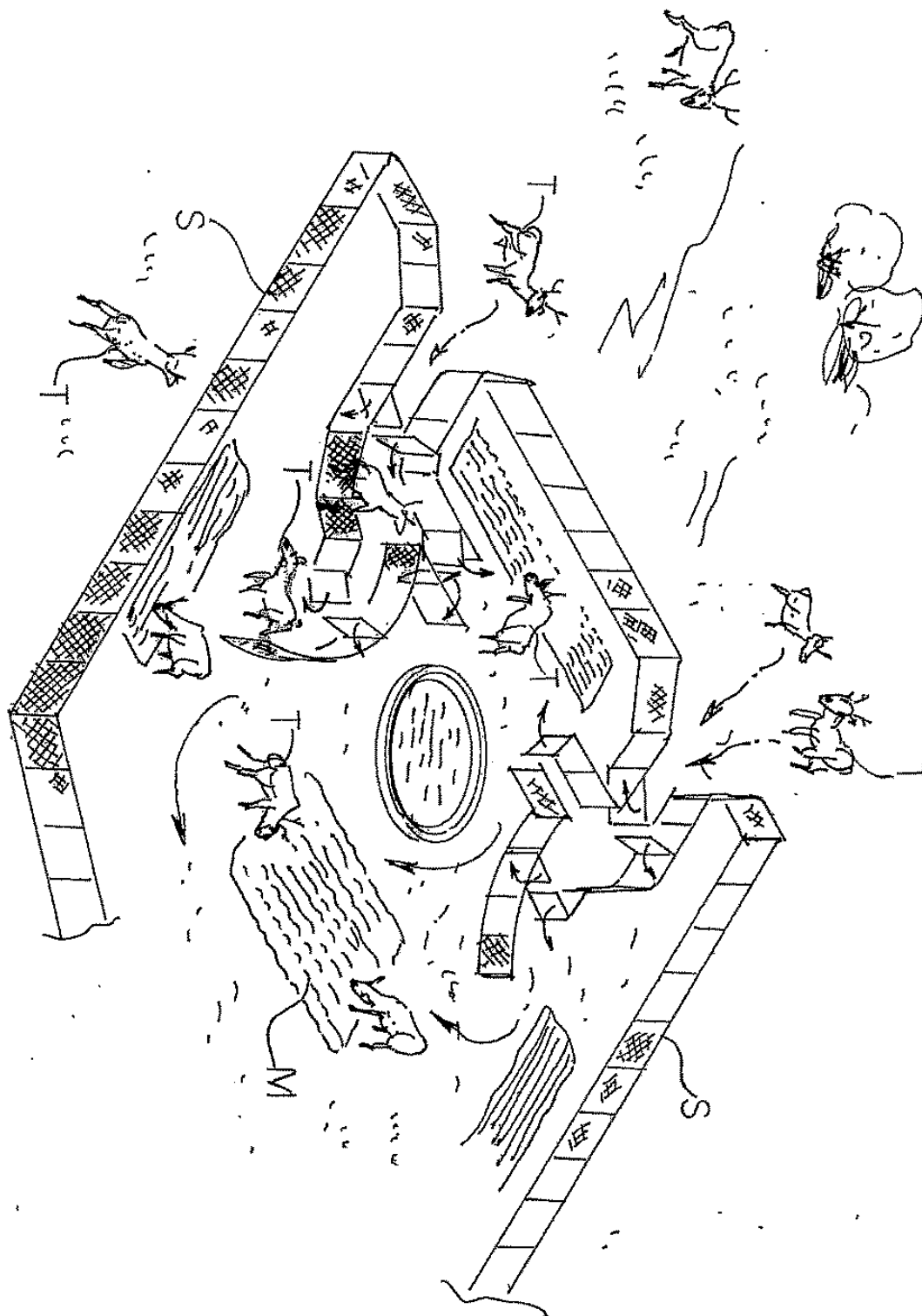
2011-09-01

Abstract

(JP2011167105)

PROBLEM TO BE SOLVED: To improve a conventional **electric fence** for wild animal **electric** shock to give an **electric fence** of exclusive use of wild deer. SOLUTION: The facilities for harvesting wild deer include an **electric fence** for applying an **electric** shock to a widely enclosing field to capture wild deer. The **electric fence** is equipped with an opening and closing door from which a wild deer can not move out of the door if the wild deer enters the field and the wild deer harvested once is grown in the field. COPYRIGHT: (C)2011,JPO&INPIT

Images



Family 54/100 - FAMPAT - ©Questel

Title

(US2530247)

Wire fence fabric having selected horizontal strands electrically insulated

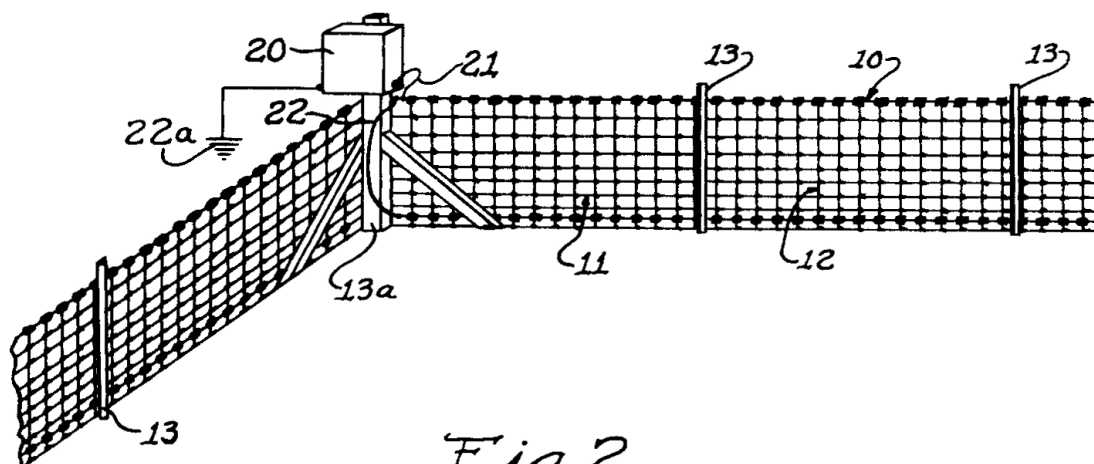
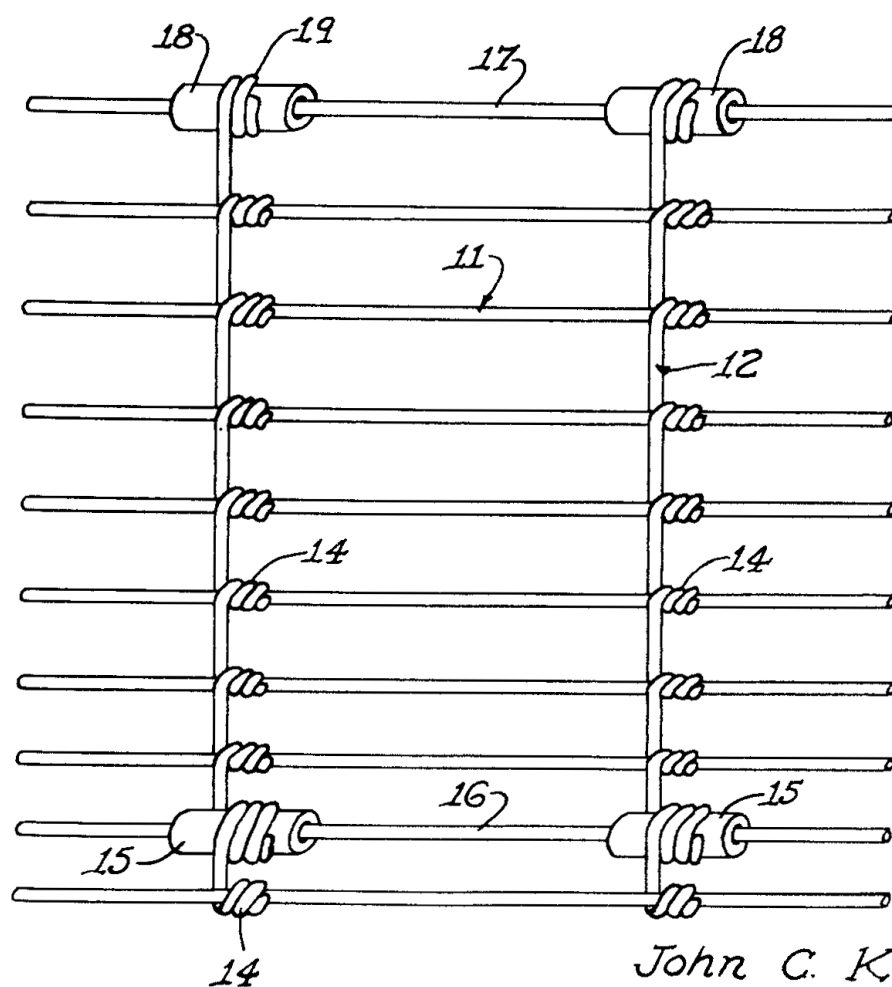
Publication numbers

US2530247

Publication dates

1950-11-14

Images

Fig. 1.*Fig. 2.*

John C. Koong
Inventor.

By Kenneth T. Snow
Att'y.

Family 55/100 - FAMPAT - ©Questel

Title

(US5419083)

Electric-fence gate

Publication numbers

CA2152417

US5419083

Publication dates

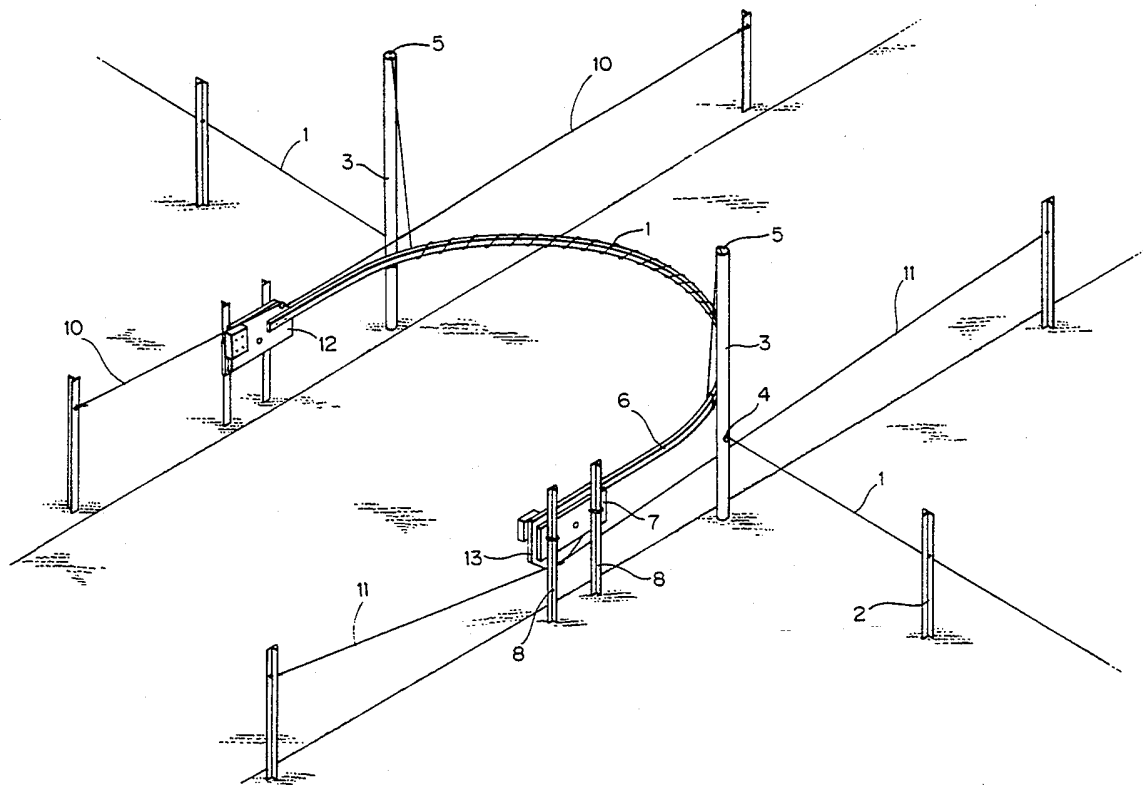
1995-12-23

1995-05-30

Abstract

(US5419083)

A gate for an electrified **fence** is designed to permit opening and closing by a vehicle operator who wishes to pass through the gate from either direction. Opening and closing the gate is effected without disconnecting the electrical **wire** on the gate.

Images

Family 56/100 - FAMPAT - ©Questel

Title

(US2423785)

Electric fence insulator

Publication numbers

US2423785

Publication dates

1947-07-08

Images

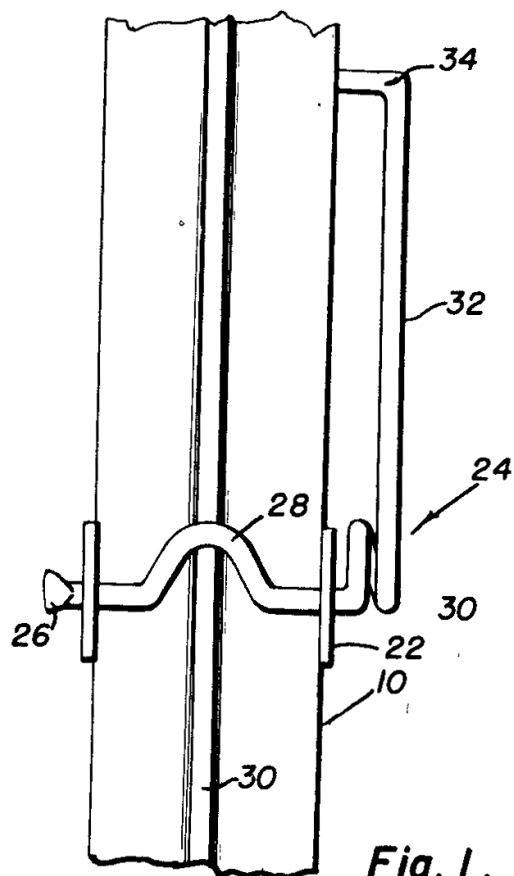


Fig. 1.

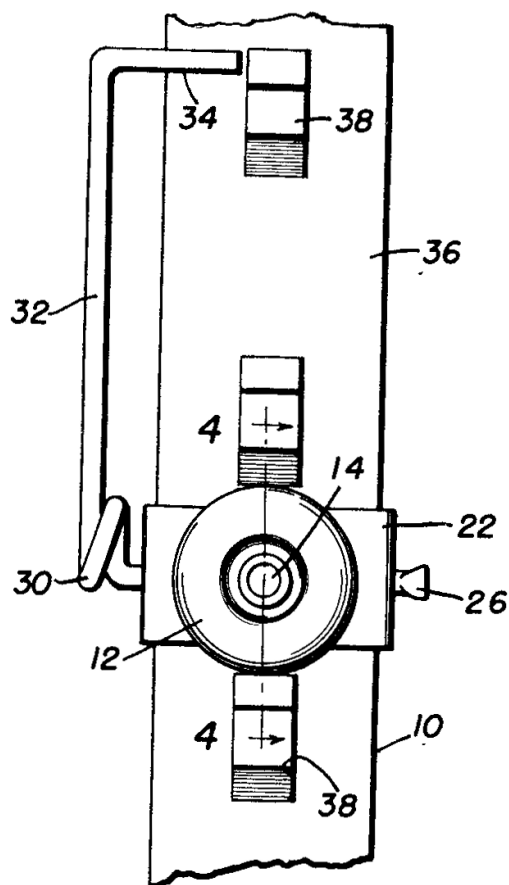


Fig. 2.

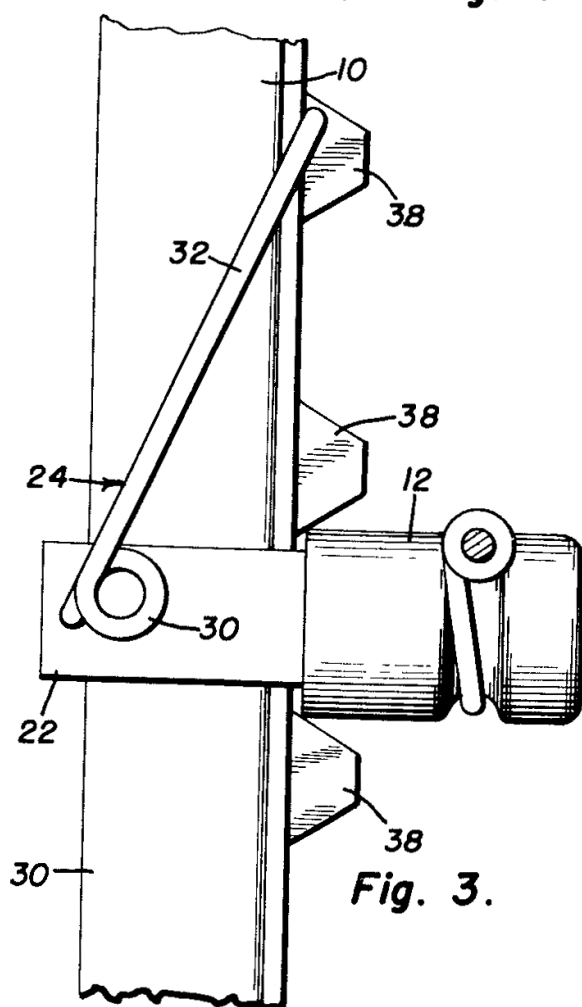


Fig. 3.

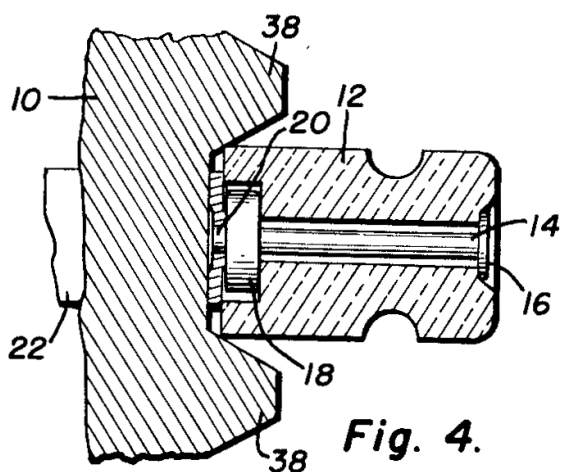


Fig. 4.

Inventor

George F. Markman

By

Clarence A. O'Brien
and Harvey B. Jacobson
 Attorneys

Family 57/100 - FAMPAT - ©Questel

Title

(US1483005)

Electric fence

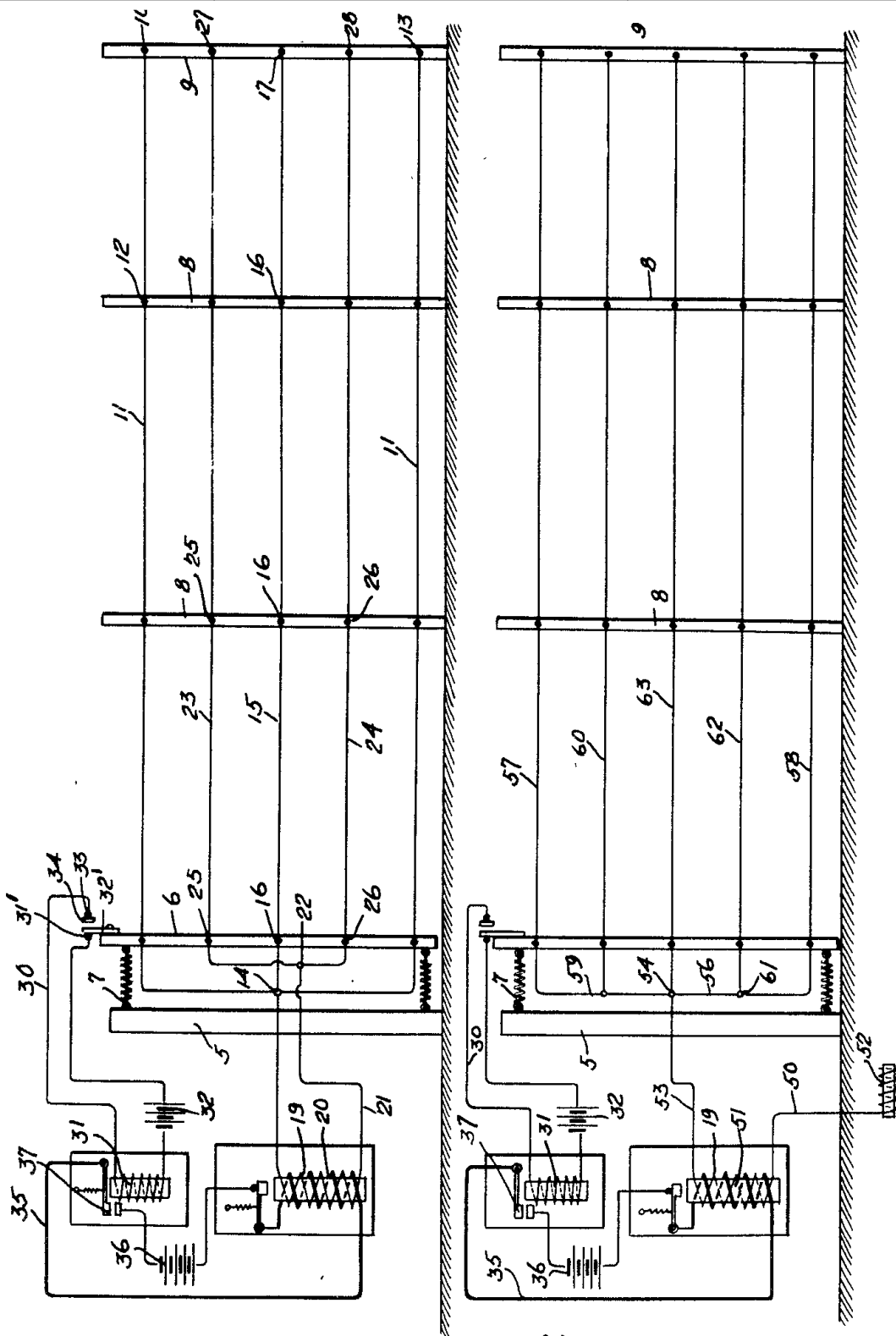
Publication numbers

US1483005

Publication dates

1924-02-05

Images



WITNESSES
Harwood
P. H. Pattison
Fig. 1.

Fig. 2.
INVENTOR
ALBERT D. McNAIR.
BY *Mumma*
ATTORNEYS

Family 58/100 - FAMPAT - ©Questel

Title

(CN207110650U)

Load that alloy **wire** passed **insulator** can be followed and cyclic annular pendant is used**Publication numbers**

CN207110650

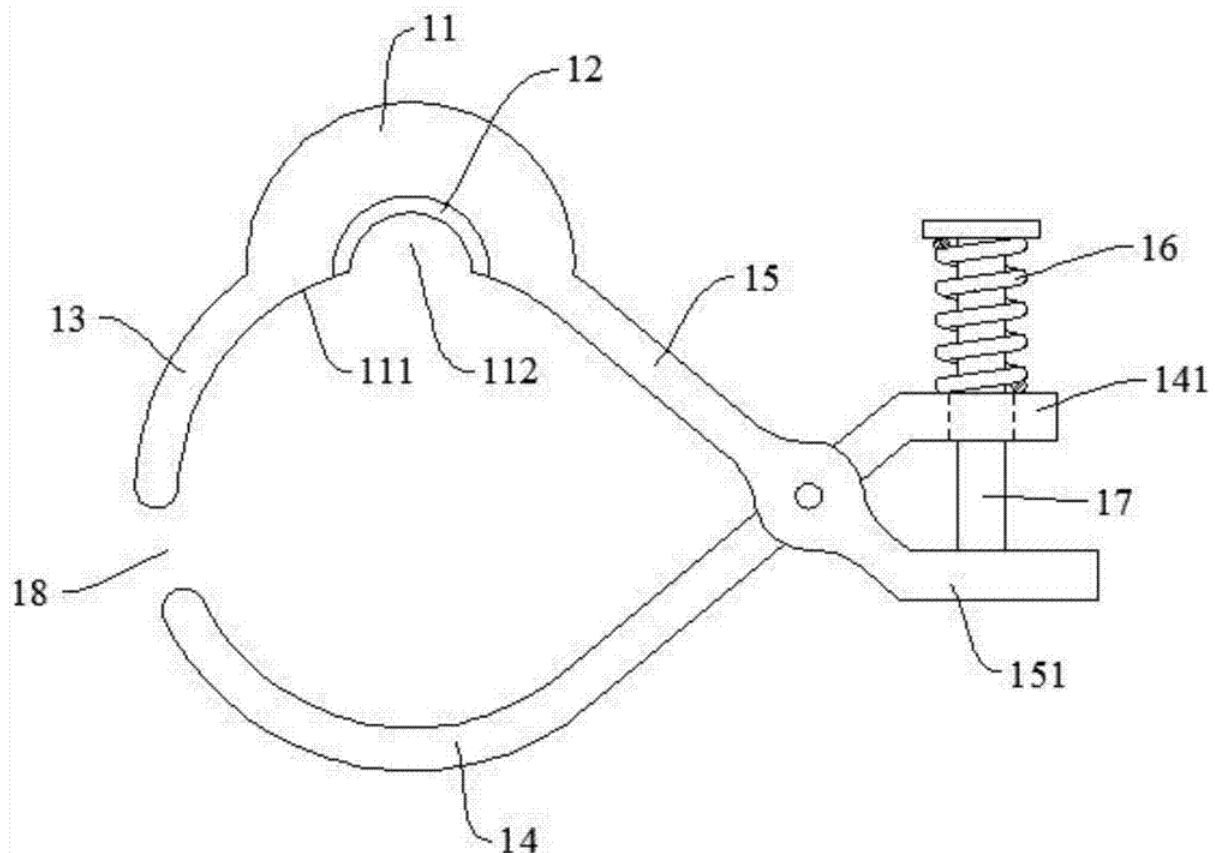
Publication dates

2018-03-16

Abstract

(CN207110650)

The utility model provides a load that alloy **wire** passed **insulator** can be followed and cyclic annular pendant is used, card line block is horizontal shuttle form, and its lower part is along being amputated rather than axis same direction, and the curved surface of indent is personally submitted in the excision of card line block, it has a circular slot and the notch with card line block axis syntropy downward to open on calorie line block excision face, and slide pad sets up and makes the naked one side of slide pad also be the disc in this circular slot and with the cell wall laminating, stretching out first curved bar under card line block length direction's the middle part slant, stretching out the third curved bar under card line block length direction's the middle part opposite sideslant, first curved bar, third curved bar coplane and perpendicular with calorie line block axis, third curved bar and second curved bar pass through hinge cross cross connection, and it is cyclic annular that first curved bar, card line block excision face, third curved bar and second curved bar form with notch in hinge one side, trends towards the closure through the first curved bar of pressurespring messenger, second curved bar. This scheme reduces the load of unit contact surface, is provided with slide pad and has reduced the friction, avoids the contact surface design to derail for oval groove.

Images

Family 59/100 - FAMPAT - ©Questel

Title

(IN-267963)

Solar **fence** guard

Publication numbers

IN267963

IN1797/MUM/2008

Publication dates

2015-08-14

2009-06-26

Abstract

(IN1797/MUM/2008)

Solar **Fence** Guard for prevent the wild and domestic animal as well as human to damage crops in farms. Around the **farm** we have to put 2 **wire** around it then have to give a current which comes from the **fence** guard, in that one **wire** kept in earthing and another in insulators. After that any wild animal and domestic animal as well as human touching the fencing **wire** they get a shock.

Images

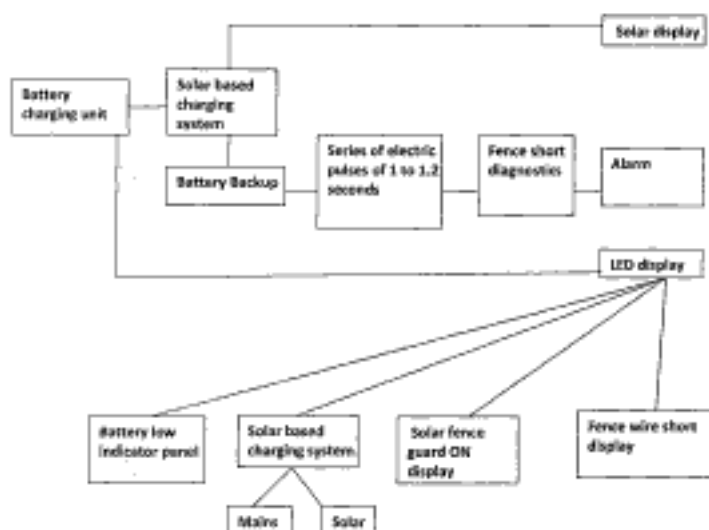


Fig.1

Family 60/100 - FAMPAT - ©Questel

Title

(DE202018002952)

Differentiating **fence** conductors

Publication numbers

DE202018002952

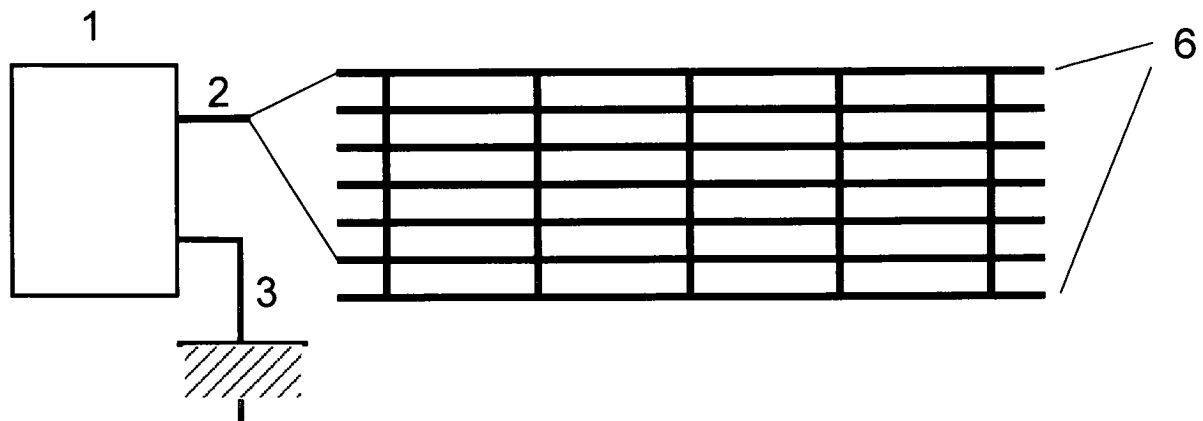
Publication dates

2019-08-01

Abstract

(DE202018002952)

Differentiating **electric fence** conductor, characterized in, that the latter is designed as insulated **wire**, is suspended between two or more posts at insulators and tensioned and supplied with power by an **electric fence** generator with high voltage is.

Images

Family 61/100 - FAMPAT - ©Questel

Title

(US2850561)

Electric fence support

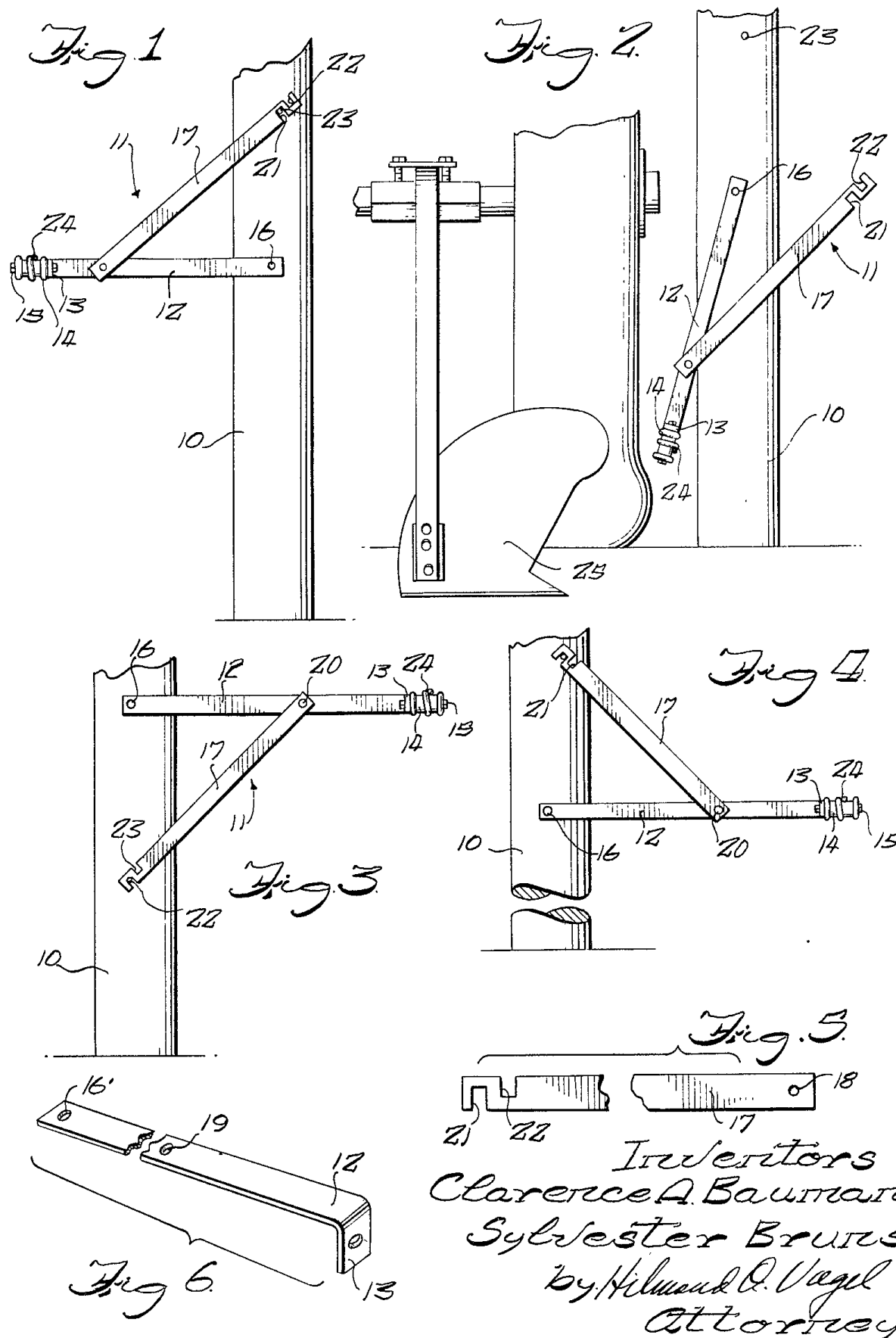
Publication numbers

US2850561

Publication dates

1958-09-02

Images



Family 62/100 - FAMPAT - ©Questel

Title

(JP2016192921)

Corner post of simple **fence** for animals

Publication numbers

JP2016192921

Publication dates

2016-11-17

Abstract

(JP2016192921)

PROBLEM TO BE SOLVED: To provide a corner post of a simple **fence** for animals which can absorb a tensile force by a wild animal exerted on a **wire** stretched by a post for an **electric fence** and can be restored to an original state after release of the tensile force.

SOLUTION: A corner post CP of a simple **fence** for animals holding at corner parts wires 2 arranged on an **electric fence** 10 installed around a crop land C is formed of: a first post 1 erected on a ground surface and having elasticity; wiring tools 6 plurally arranged at predetermined intervals on the first post 1 and holding the wires 2 so as to change holding positions; and at least one second post 3 fixed obliquely at a base part with respect to the ground surface, connected with the first post 1 at a tip with a connection tool 4 so as to be able to oscillate, and having elasticity. A tensile load exerted from the wires 2 to the corner post CP is handled by deformation of the first and second posts 1, 3 and change of the **wire** holding positions by the wiring tools 6. After extinguishment of the tensile force, an elastic force of the first and second posts 1, 3 performs restoration to an original state to prevent the wires 2 from being cut.

SELECTED DRAWING: Figure 10

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Images

Family 63/100 - FAMPAT - ©Questel

Title

(JP3111295U)

Electric fence conductor rope

Publication numbers

JP3111295

Publication dates

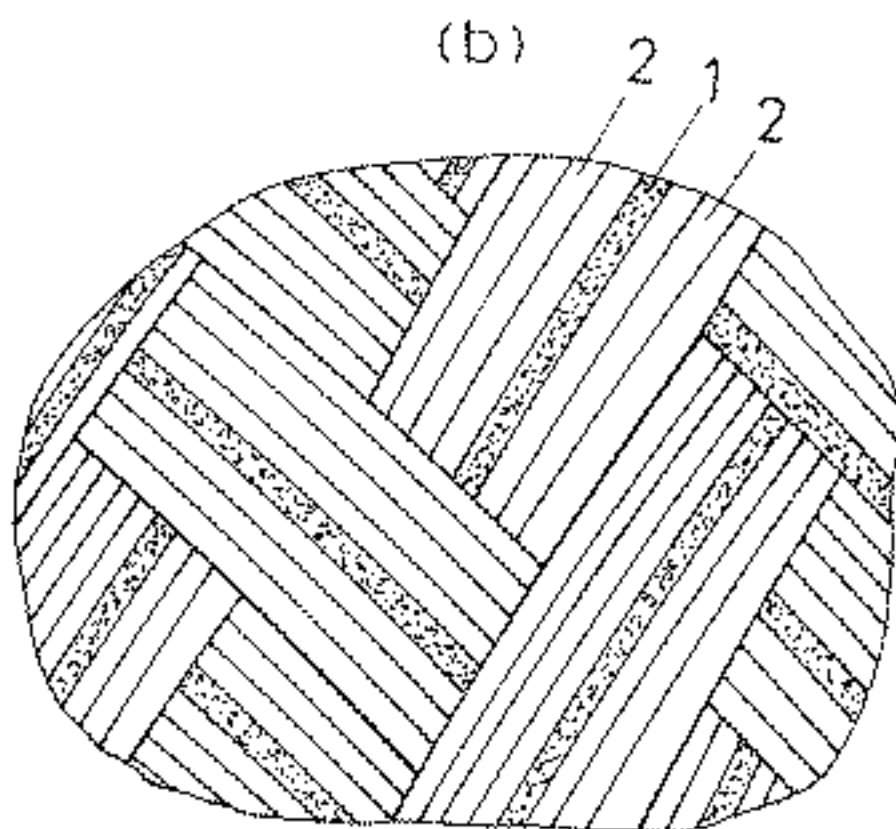
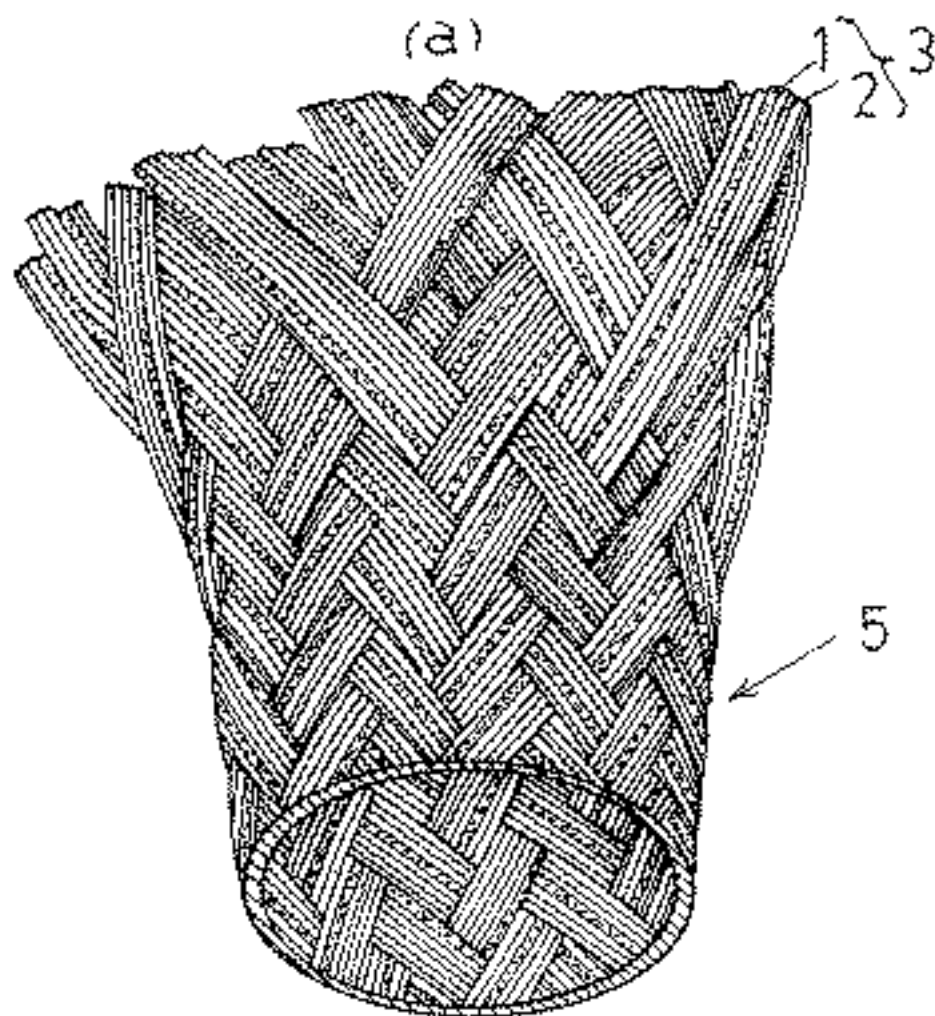
2005-06-01

Abstract

(JP3111295)

PROBLEM TO BE SOLVED: The utility model, a readily deformable resilient conductive rope and the purpose of the present invention. SOLUTION: The utility model, and at least 1 conductive lines, a plurality of colored non-conductive fiber strands consisting of a plurality of strands and organized in a tubular electrical **fence** conductive by a rope, and to achieve the above object. SELECTED DRAWING: Fig. 1

Images



Family 64/100 - FAMPAT - ©Questel

Title

(WO2013110918)

A device for controlling the movement of an animal

Publication numbers

US9795119

US20140331943

GB2498776

WO2013/110918

GB2498776

GB201201433

Publication dates

2017-10-24

2014-11-13

2014-04-30

2013-08-01

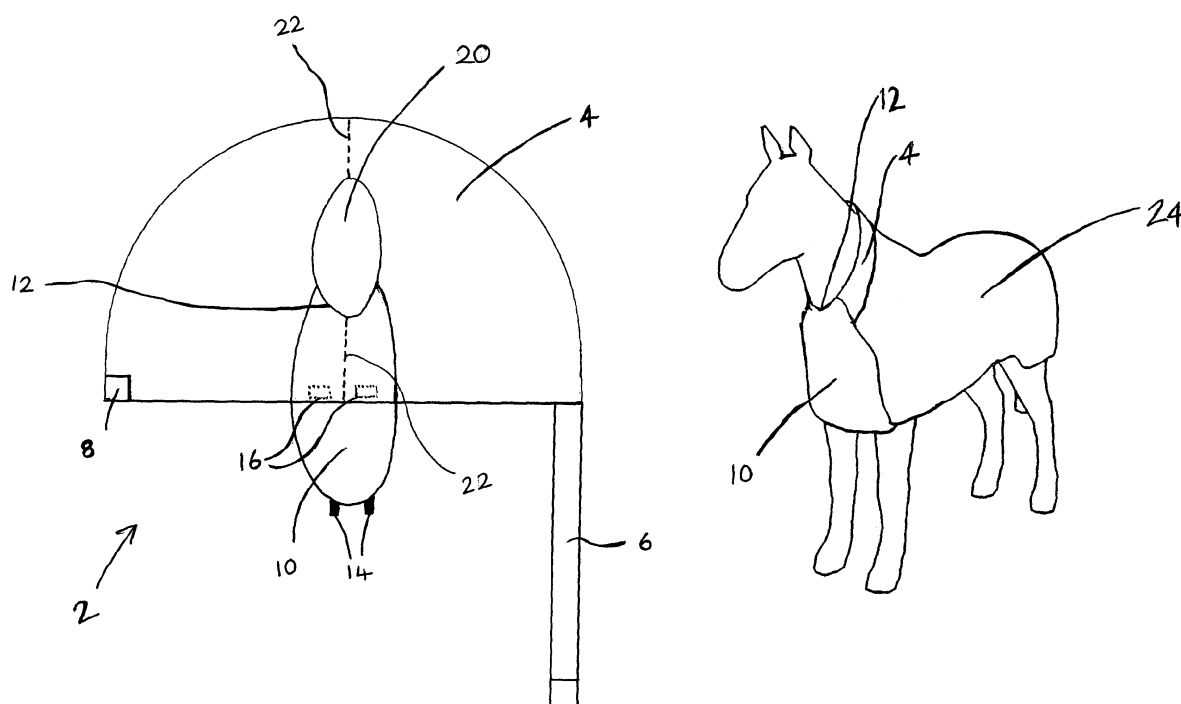
2013-07-31

2012-03-14

Abstract

(WO2013/110918)

A device (2,100) for controlling an animal, the device comprising a support (4,102) to be worn by the animal; a first contact member (10,120) mounted on the support and disposed in a position for contacting an **electric fence** when the device is being worn by the animal; a second contact member (18,128), mounted on the support and in electrical contact with the first contact member, the second contact member being disposed on the support to be in contact with the animal when the device is being worn by the animal; whereby, in use, an electrical current is conducted from the first contact member to the second contact member and an **electric** shock provided to the animal at the site of the second contact member when contact is made between the first contact member and an **electric fence** by the animal.

Images

Family 65/100 - FAMPAT - ©Questel

Title

(CN204552266U)

Wind-powered electricity generation formula thing networking control system

Publication numbers

CN204552266

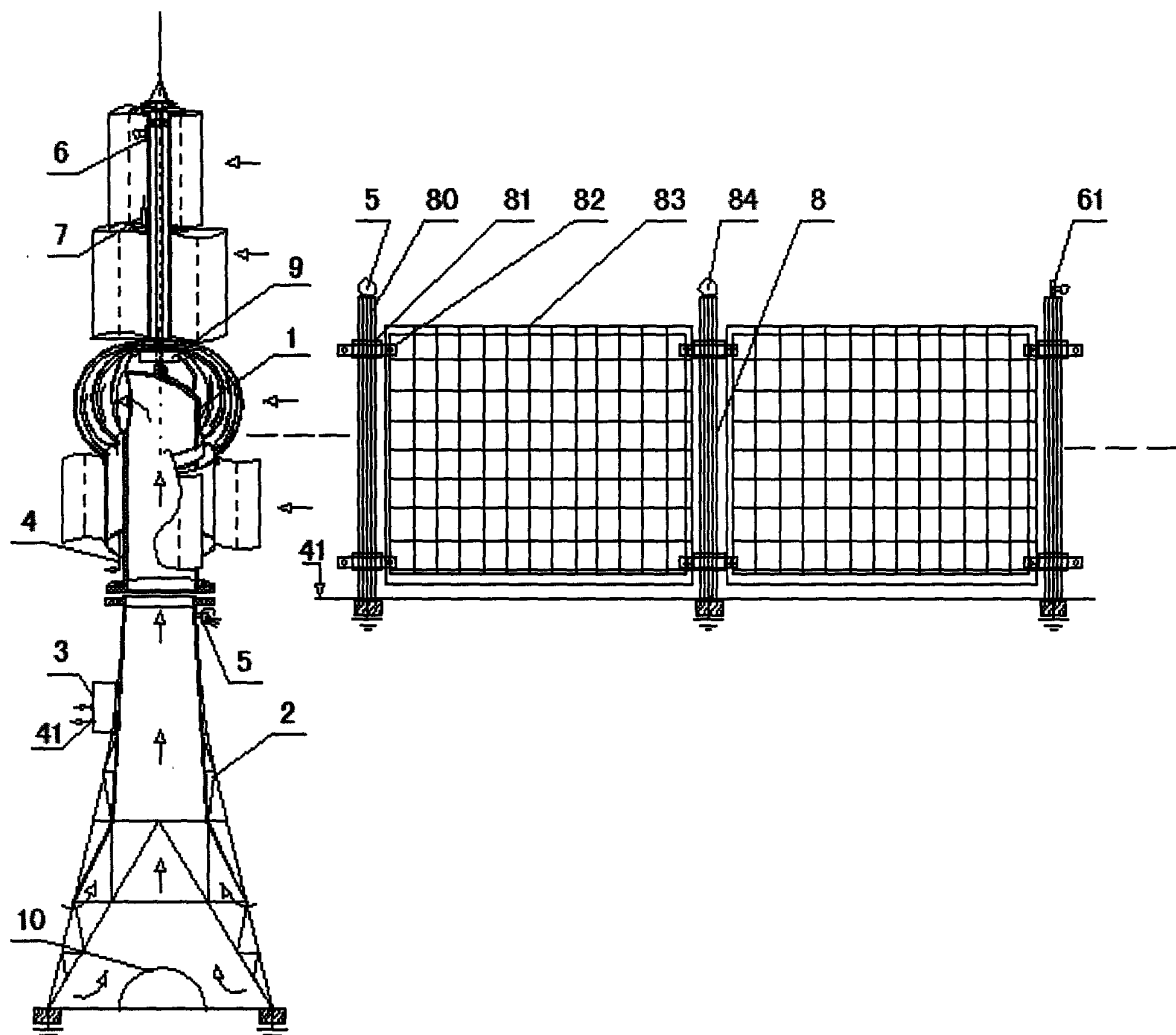
Publication dates

2015-08-12

Abstract

(CN204552266)

The utility model provides a wind-powered electricity generation formula thing networking control system, belongs to wind-powered electricity generation clean energy technical field, connect aircraft nose (1) by iron tower shape frame (2), dynamo output after the modulation of control box power respectively linked network camera or the wireless ware or lamps and lanterns or response pulsed electricity **fence** transmitted form, the characteristic is: use vertical axis external rotor permanent magnetism not have the iron core coil generator to establish tubaeform air intake and semilune spheroid (10) in the frame, make air current spiral type like the tornado rise and constantly strengthen the torsional forces, promote the rotatory electricity generation effect that improves of wind wheel, with the wind energy power supply, to solve the animal with response pulsed electricity **fence** and network camera monitored control system and escape, theftproof and safety guard problem are applicable to the borderland, secret important place, the zoo, the **farm**, the office, the house, the villa, needn't build by the enclosure height from now on in places such as garden, just can set up the thing networking safety guard system of the low-priced automatic control of wind-force power supply computer long-distance video, defend the motherland to the long-term stability territory and house safety

Images

Family 66/100 - FAMPAT - ©Questel

Title

(WO202048958)

A pasture demarcation system for grazing animals

Publication numbers

IE20180295

WO2020/048958

Publication dates

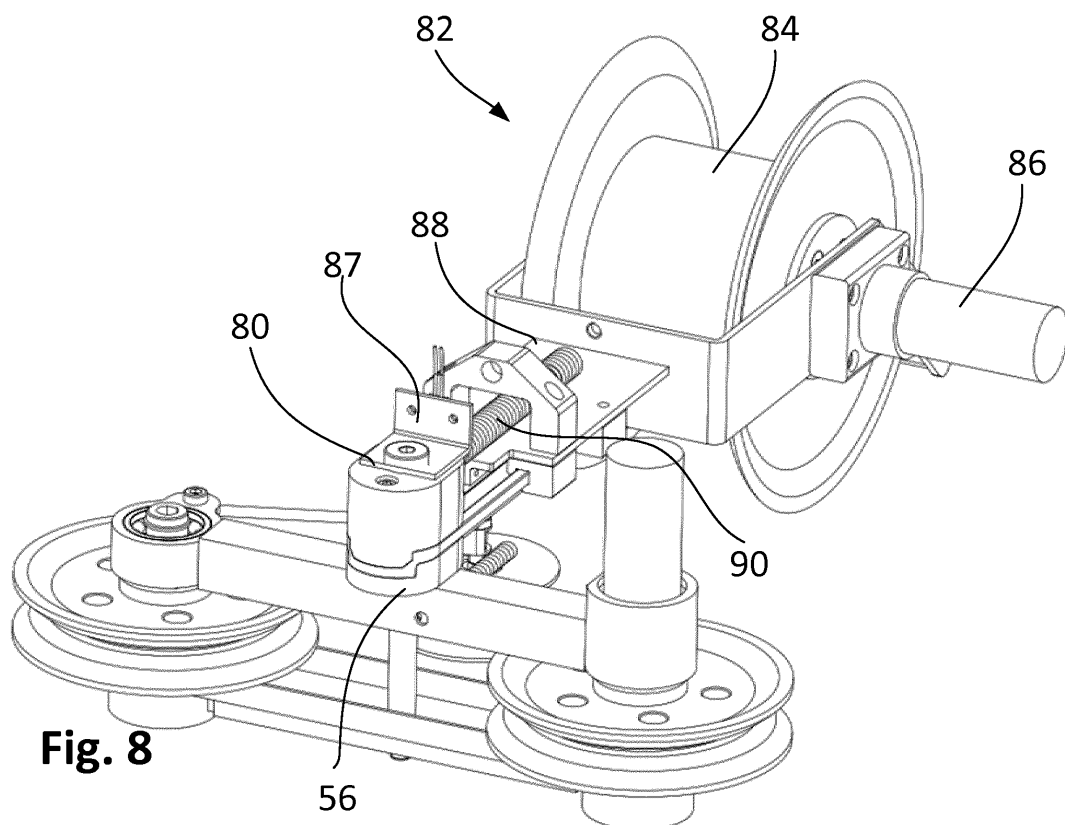
2020-07-22

2020-03-12

Abstract

(WO2020/048958)

The present application provides a pasture demarcation system for grazing animals in which demarcation vehicles are provided which move along the **wire** of an **electric fence** without requiring additional support and as such may be used with a conventional **electric fence** with minimal changes.

Images

Family 67/100 - FAMPAT - ©Questel

Title

(US3297820)

Electric fence insulator device

Publication numbers

US3297820

Publication dates

1967-01-10

Images

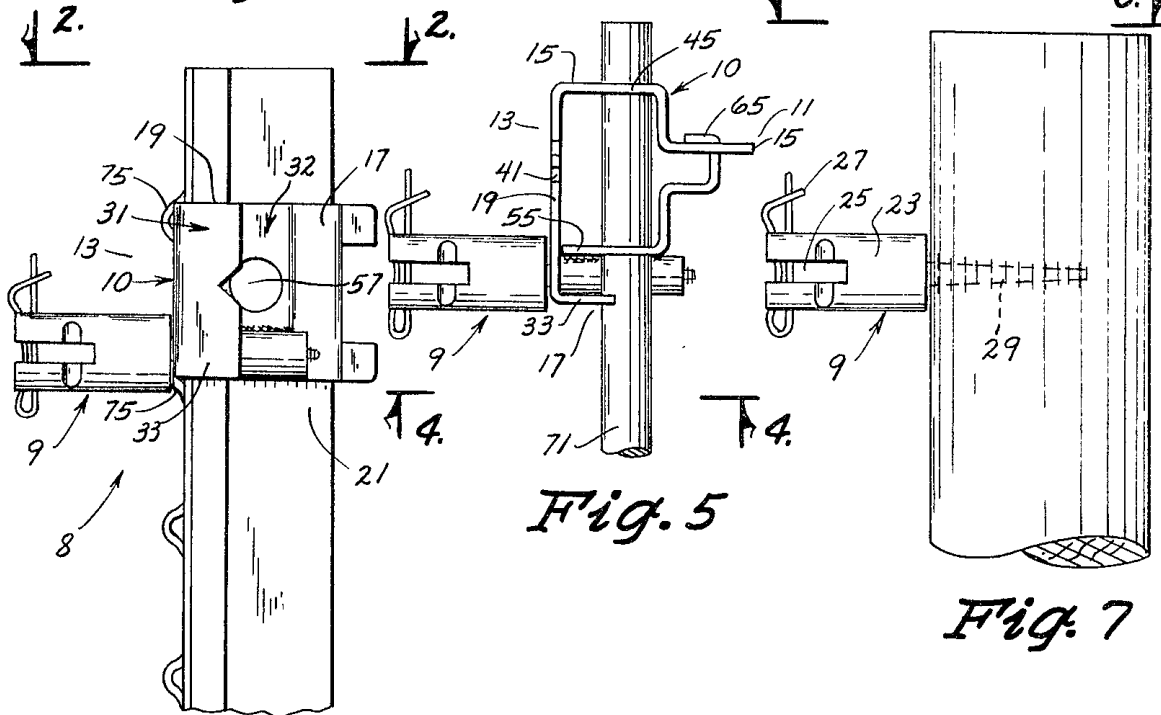
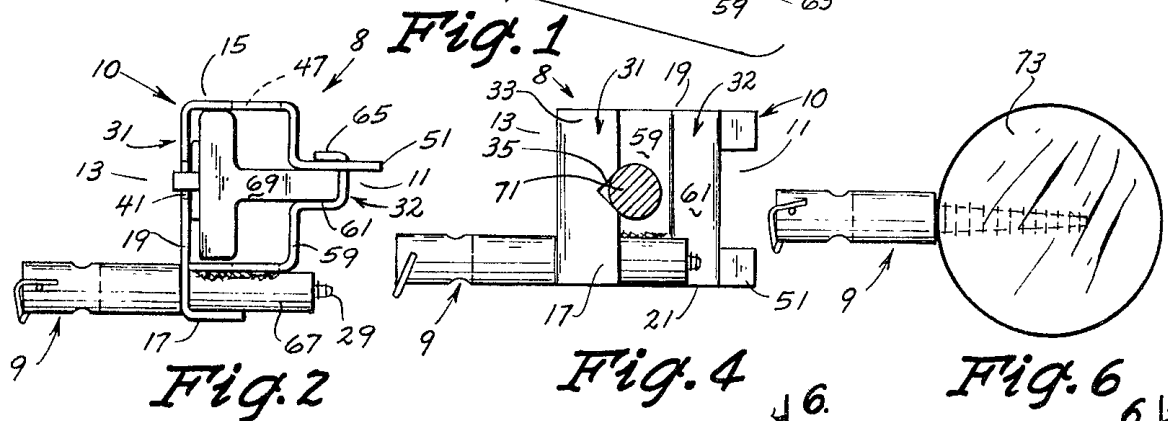
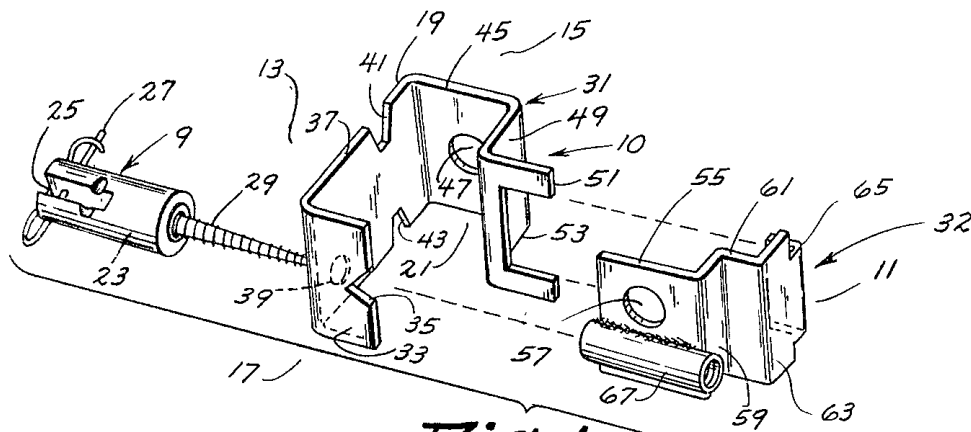


Fig. 3

Fig. 5

Fig. 7

INVENTORS
JOHN P. KEW
MELVIN E. KEW

BY
Rich. Zarby, McKee & Thorne
ATTORNEYS

Family 69/100 - FAMPAT - ©Questel

Title

(CN204553092U)

Pasture thing networking control system of wind-force power supply

Publication numbers

CN204553092

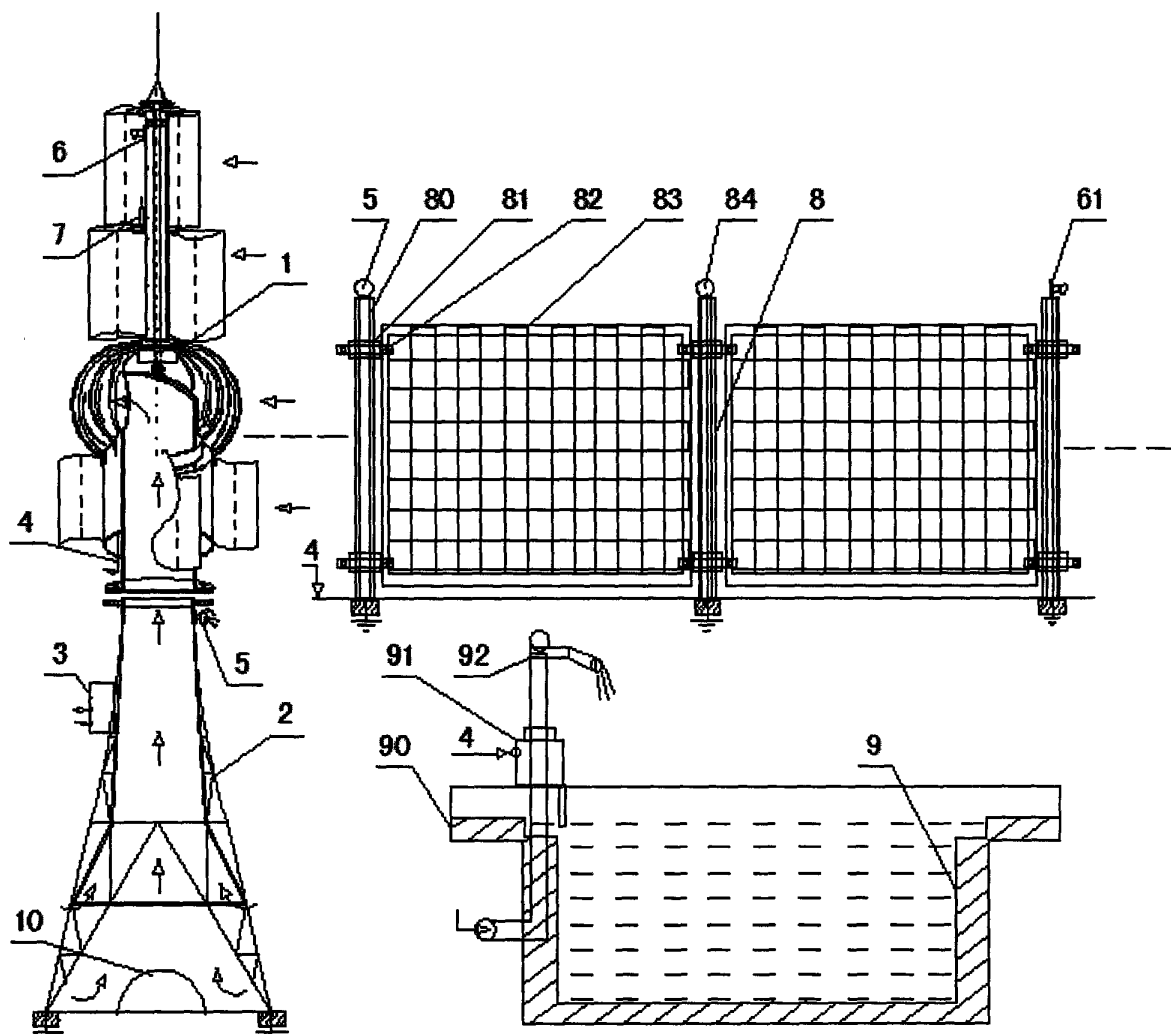
Publication dates

2015-08-12

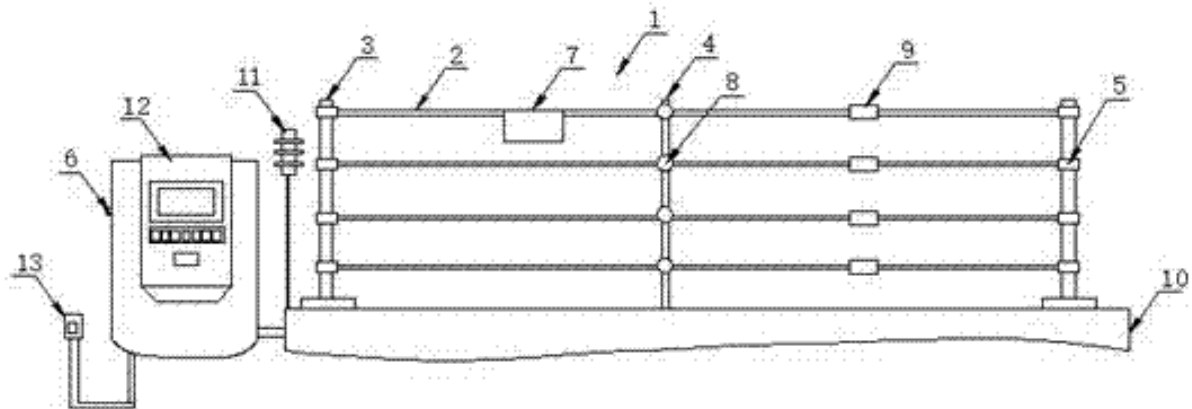
Abstract

(CN204553092)

The utility model discloses a pasture thing networking control system of wind-force power supply belongs to wind-powered electricity generation clean energy technical field, connect aircraft nose 1, dynamo output by iron tower shape frame 2 and connect a plurality of network camera after the modulation of 3 powers of control box, the wireless ware of transmitting, lamps and lanterns or response pulsed electricity fence or the automatic device of pouring water are formed, and the characteristic is: establish tubaeform air intake and semilune spheroid 10 in the frame, make air current spiral type like the tornado rise and constantly strengthen the torsional forces, promote the rotatory electricity generation effect that improves of wind wheel, with the wind energy power supply, solve the animal with response pulsed electricity fence with the automatic device of watering and escape theftproof and drinking water problem to be applicable to the borderland, secret important place, the office, the farm, the villa, the garden needn't be built by the enclosure height, is chosen as: the reserve thing of wind-powered electricity generation or commercial power networking control system, the thing that just can set up the long-range automatic video monitoring of computer of the low-priced wind-force power supply safety guard system of networking

Images

Images



Family 71/100 - FAMPAT - ©Questel

Title

(CN207037859U)

Electronic fence system with sentry removes

Publication numbers

CN207037859

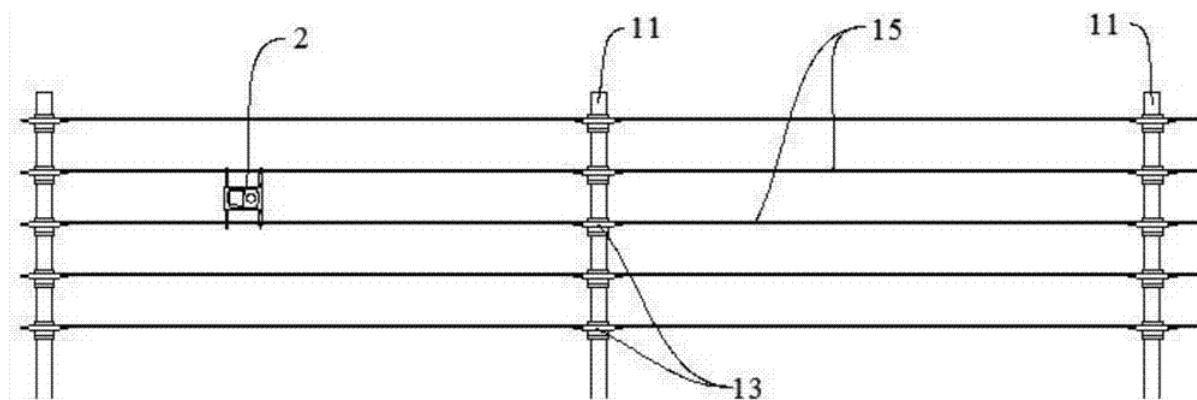
Publication dates

2018-02-23

Abstract

(CN207037859)

The utility model provides an electronic fence system with sentry removes, its insulator is through describing the junction design for thin, be most advanced with the end design of insulator, the cyclic annular foot of a chela of breach of taking that makes the electronics sentry can pass through smoothly, the electron sentry is through the drive of the air screw on it, the setting is at electronsentry camera, infrared camera, far and near lamp makes it can catch the picture while cruising, and transmit the watch -dog for the control room through the antenna, alarm lamp on the electron sentry, can acousto -optic warning when the speaker makes it meet very the condition, steering mechanism sets up in the fuselage of the below of air screw and camera, steering mechanism can drive air screwand 180 degrees messenger's electron sentry inverse direction driving are transfered to the camera, it charges for rechargeable battery to get the electricity from the alloy wire when the electronicssentry foot of a chela hangs and is cruising on adjacent alloy wire. This system implementation use the fence to go on patrol as the all time on border is automatic, real -time shooting, passback picture infinitely cruise and function such as acousto -optic warning.

Images

Family 72/100 - FAMPAT - ©Questel

Title

(GB1365390)

Fence posts

Publication numbers

AU457902

GB1365390

AU3485071

Publication dates

1975-02-13

1974-09-04

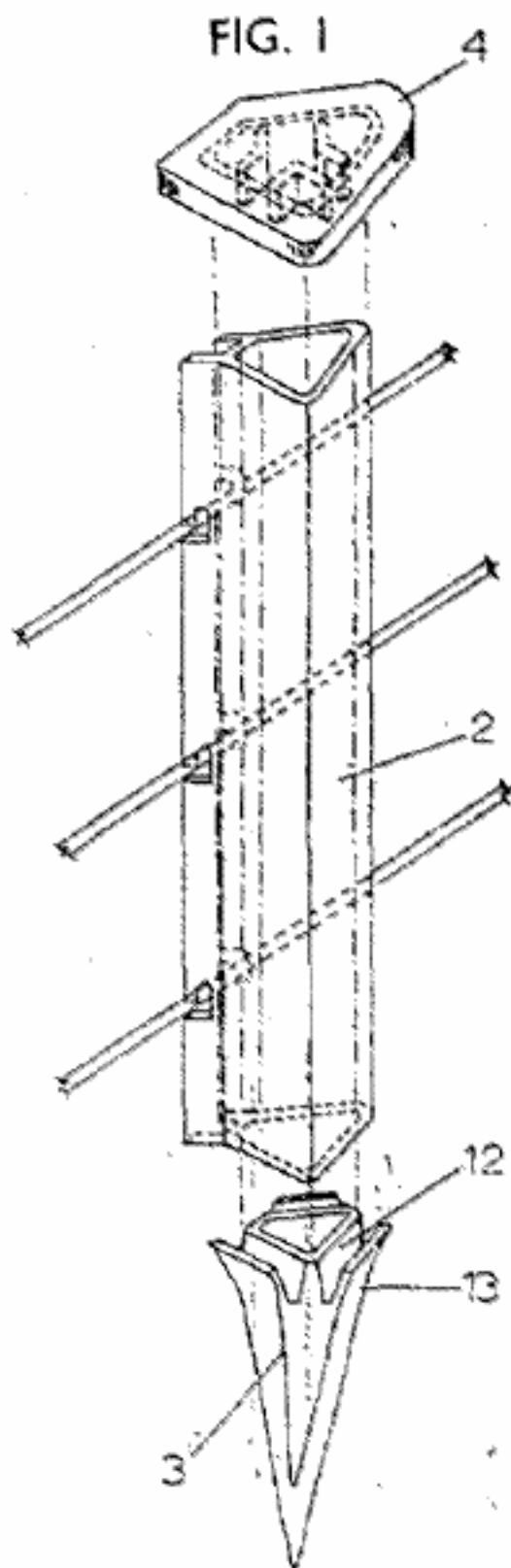
1973-07-05

Abstract

(GB1365390)

1365390 Fence posts J H HALL 20 Oct 1971 [23 Oct 1970] 48709/71 Heading E1B A fence post of rigid polypropylene plastics comprises a body part 2 with oppositely disposed wire receiving slots formed in a pair of parallel flanges, a ground engaging spike 3, a portion 12 of which engages within the post and may be secured by adhesive; and a cap 4 which has three angle section projections to engage in the top of the post. The posts generally form intermediate fence posts between strainer posts, the wires being strained after the posts have been erected and the wires inserted in the slots. The strainer posts may be larger posts of the same shape and material or they may be concrete sheeted with plastics. A gate may comprise the above posts according with wire mesh attached therebetween.

Images



Family 73/100 - FAMPAT - ©Questel

Title

(EP2850264)

A **fence** standard

Publication numbers

US10170221

EP2850264

AU2015230774

AU2013202111

EP2850264

AU2015230774

EP2850264

US20150060108

AU2013202111

WO2013/147622

Publication dates

2019-01-01

2018-12-19

2017-02-02

2016-03-31

2016-01-27

2015-10-15

2015-03-25

2015-03-05

2013-10-17

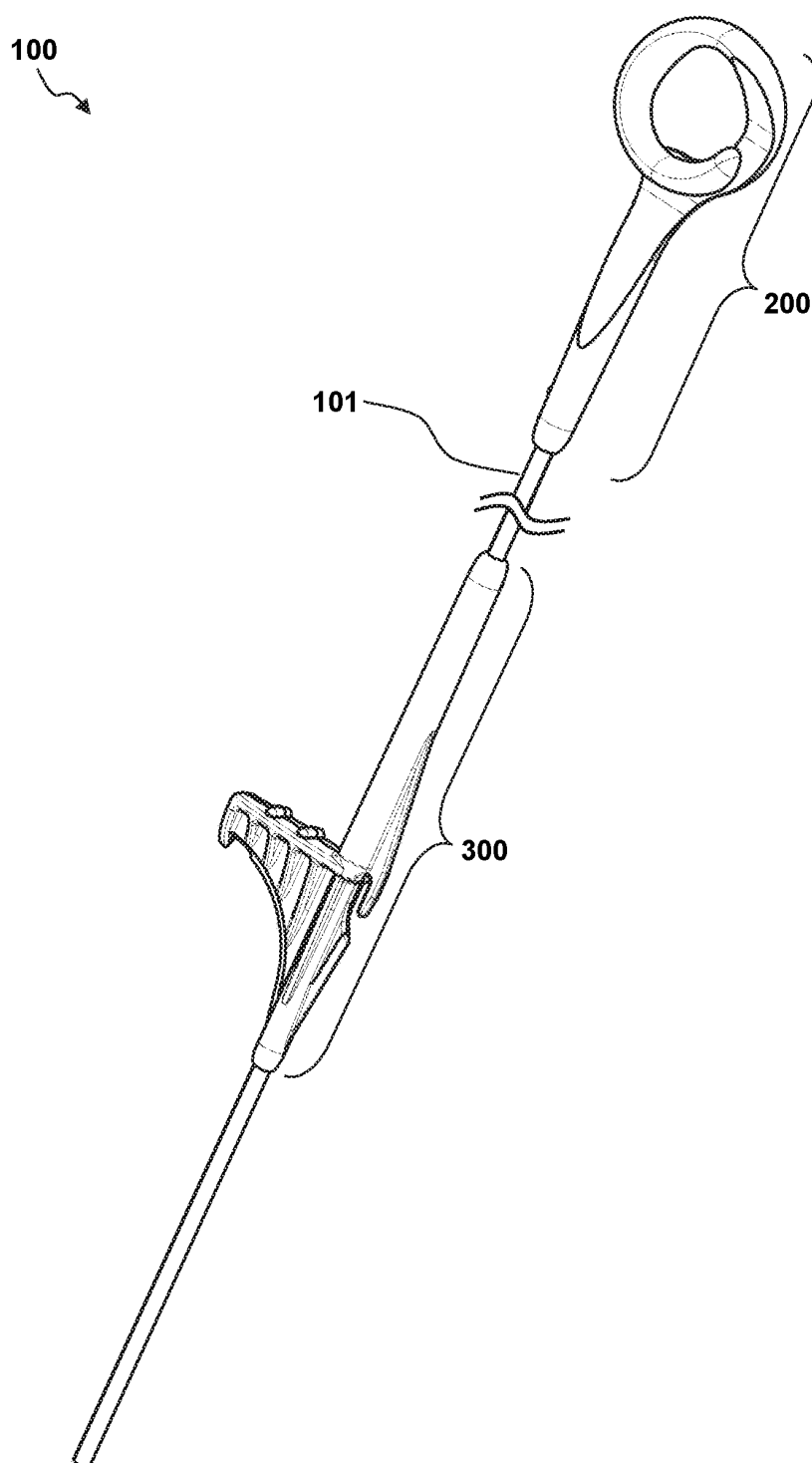
2013-10-03

Abstract

(EP2850264)

The present invention relates to a **fence** standard. The **fence** standard includes a shaft, and a **wire** support including an open ended loop. The **wire** support is moulded onto the shaft.

Images



Family 74/100 - FAMPAT - ©Questel

Title

(EP3498086)

Tank housing a vertical **farm**

Publication numbers

RU2725805

EP3498086

JP2019528086

CL2019000238

EP3498086

MX2019001628

KR10-2019-0039996

CN109561658

AU2016418599

ES2654168

ES2654168

CA3032327

WO2018/029386

ES2654168

Publication dates

2020-07-06

2020-03-11

2019-10-10

2019-06-21

2019-06-19

2019-06-10

2019-04-16

2019-04-02

2019-02-21

2018-11-14

2018-02-28

2018-02-15

2018-02-15

2018-02-12

Abstract

(EP3498086)

A tank housing a vertical **farm**, having inside a plurality of structures at different heights that are held on the tank wall such that they form ring-shaped projections on which to place the trays for the crops and the remaining installations and channels, wherein, since the structures are arranged as rings, a hollow space is generated in the central axis of the tank that is used to install a height-adjustable platform so that an operator or robot may access the different trays holding the vegetables, and wherein on the bottom part of the tank are located certain closed and sealed compartments intended for the hydraulic, **electric** and electronic systems for setting the parameters necessary for crop optimisation.

Images

Family 75/100 - FAMPAT - ©Questel

Title

(EP2199714)

Refrigerator

Publication numbers

BRPI0818294

EP2199714

EP2199714

IN302695

BRPI0818294

CN101874185

JP5386827

JP2013238392

JP5342157

JP5298503

JP5239456

AU2008310473

RU2473025

AU2008310473

NZ584547

RU2010113919

EP2199714

CN101874185

IN2037/CHENP/2010

US20100223944

AU2008310473

EP2199714

JP2009243782

JP2009204294

JP2009115374

JP2009109175

AU2008310473

WO2009/047896

Publication dates

2020-01-21

2019-12-18

2019-03-20

2018-10-31

2015-11-03

2014-04-02

2014-01-15

2013-11-28

2013-11-13

2013-09-25

2013-07-17

2013-05-30

2013-01-20

2012-09-20

2012-01-12

2011-11-20

2011-04-20

2010-10-27

2010-09-17

2010-09-09

2010-07-01

2010-06-23

2009-10-22

2009-09-10

2009-05-28

2009-05-21

2009-04-16

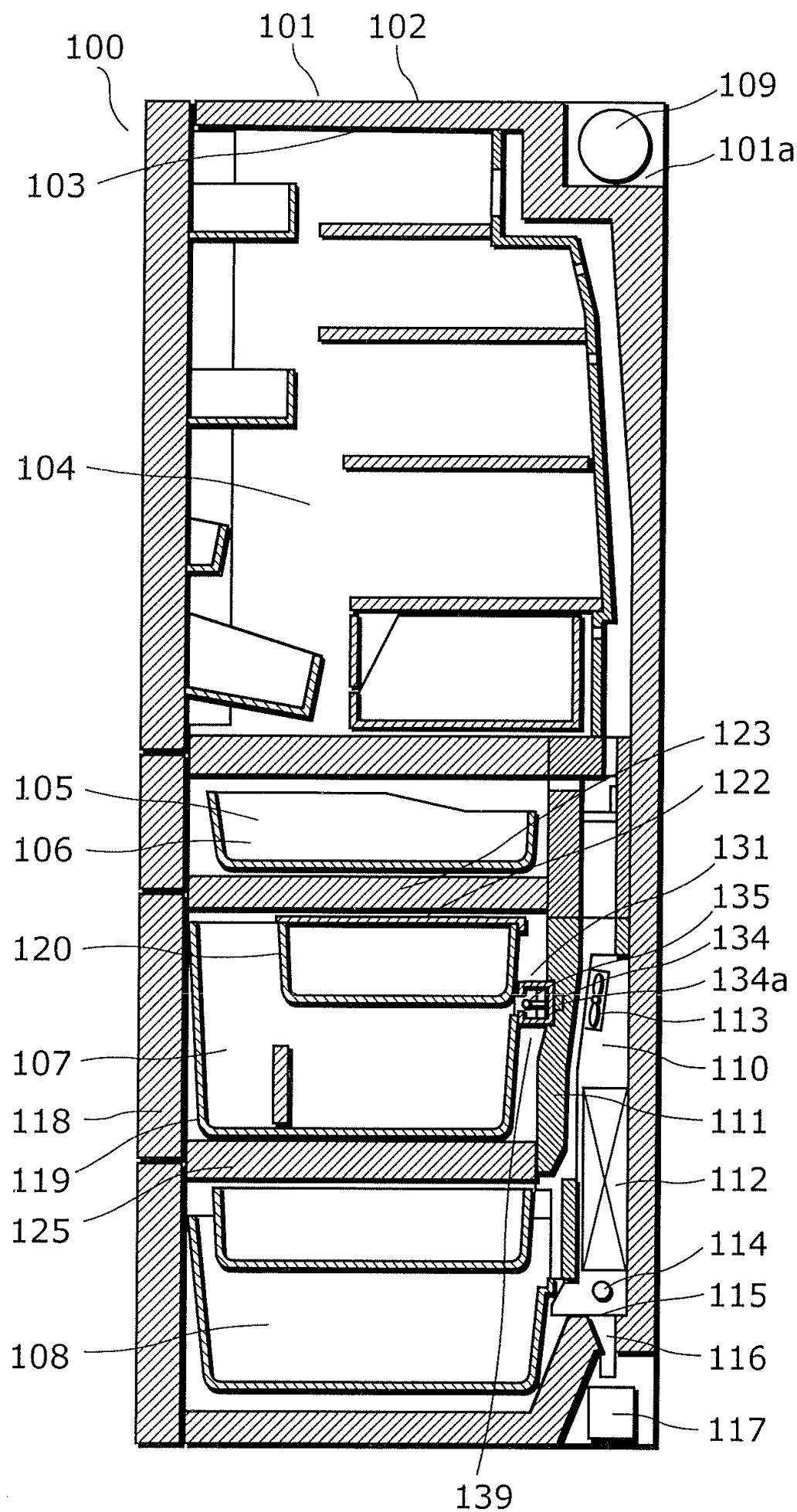
2009-04-16

Abstract

(EP2199714)

To provide a refrigerator including: a heat-insulating main body; a storage compartment defined in the heat-insulating main body; and a mist spray apparatus that sprays a fine mist into the storage compartment. The fine mist generated by the mist spray apparatus has a nano-size particle diameter and reduces microorganisms adhering to the inside of the storage compartment and to vegetable surfaces, the microorganisms including molds, bacteria, yeasts, and viruses.

Images



Family 77/100 - FAMPAT - ©Questel

Title

(KR20170090121)

Fence for breeding animals**Publication numbers**

KR20170090121

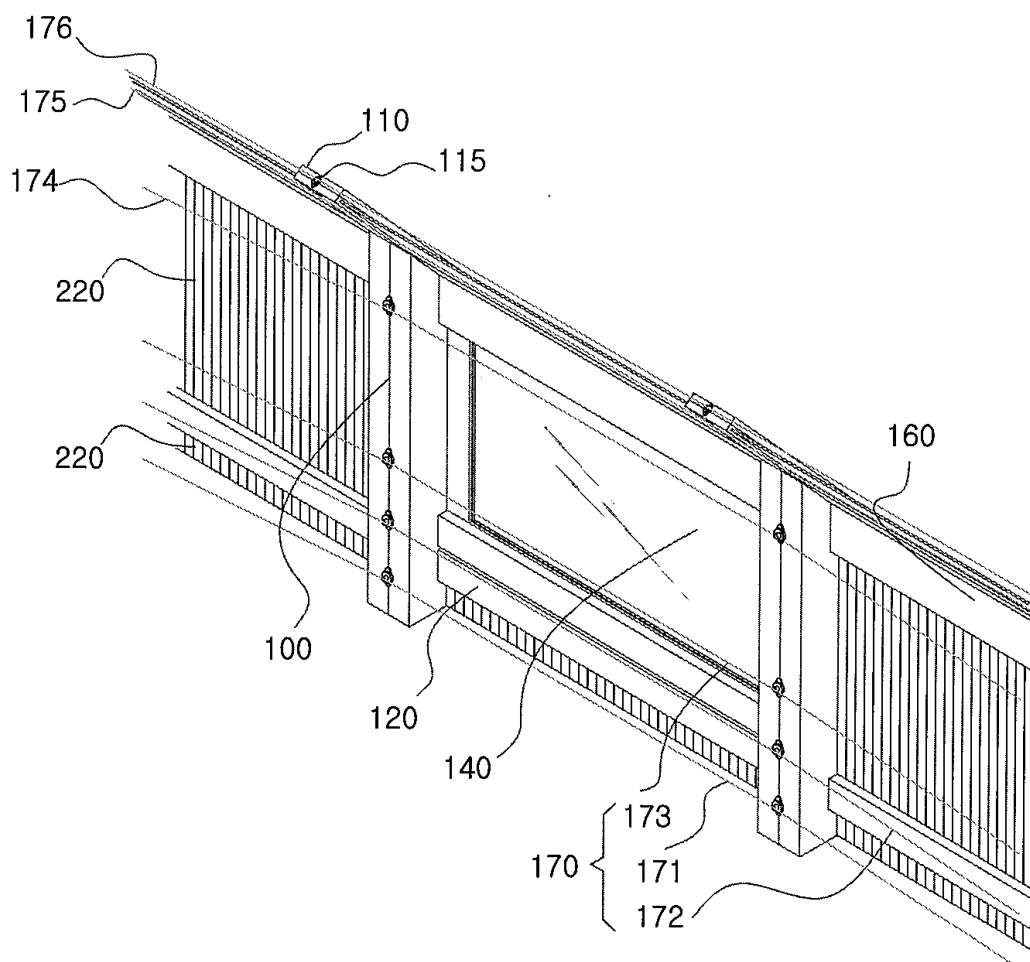
Publication dates

2017-08-07

Abstract

(KR20170090121)

The present invention is to provide a **fence** for breeding animals, wherein the **fence** for breeding relatively small animals excluding predatory animals is formed by treated wood material; the **fence** includes transparent windows at positions convenient for allowing a user to check and observe the inside of the **fence** conveniently; and the **fence** prevents the bred animals from escaping through under the ground, and has **electric** lines efficiently installed to prevent outside animals from entering. To this end, the **fence** of the present invention comprises: a main wood column which has its lower end supported by being joined to the concrete and is vertically installed at a uniform interval; and a supplementary wood column which is installed while being bent at a uniform angle at an upper end of the main wood column, wherein a horizontal wood bar is installed between the main wood columns so as to connect and support the main wood columns to each other; a wood board is installed in the vertical direction above and below the horizontal wood bar; and a first transparent window showing the inside of the **fence** is installed between the supplementary wood columns.

Images

Family 78/100 - FAMPAT - ©Questel

Title

(EP3601060)

Process for the gravimetric filing in sterile conditions of solids in a pharmaceutical container

Publication numbers

JP2020515478

BR112019020258

EA201992297

EP3601060

US20200024013

VN67358

KR10-2019-0134601

CL2019002278

MX2019011509

IL268924

SG11201907919S

CN110325447

BR112019020258

IN201947033998

CO2019009613

AU2018246951

ES2684403

CA3054473

WO2018/177800

ES2684403

Publication dates

2020-05-28

2020-04-22

2020-02-12

2020-02-05

2020-01-23

2019-12-25

2019-12-04

2019-11-08

2019-11-01

2019-10-31

2019-10-30

2019-10-11

2019-10-08

2019-09-27

2019-09-18

2019-08-22

2019-07-09

2018-10-04

2018-10-04

2018-10-02

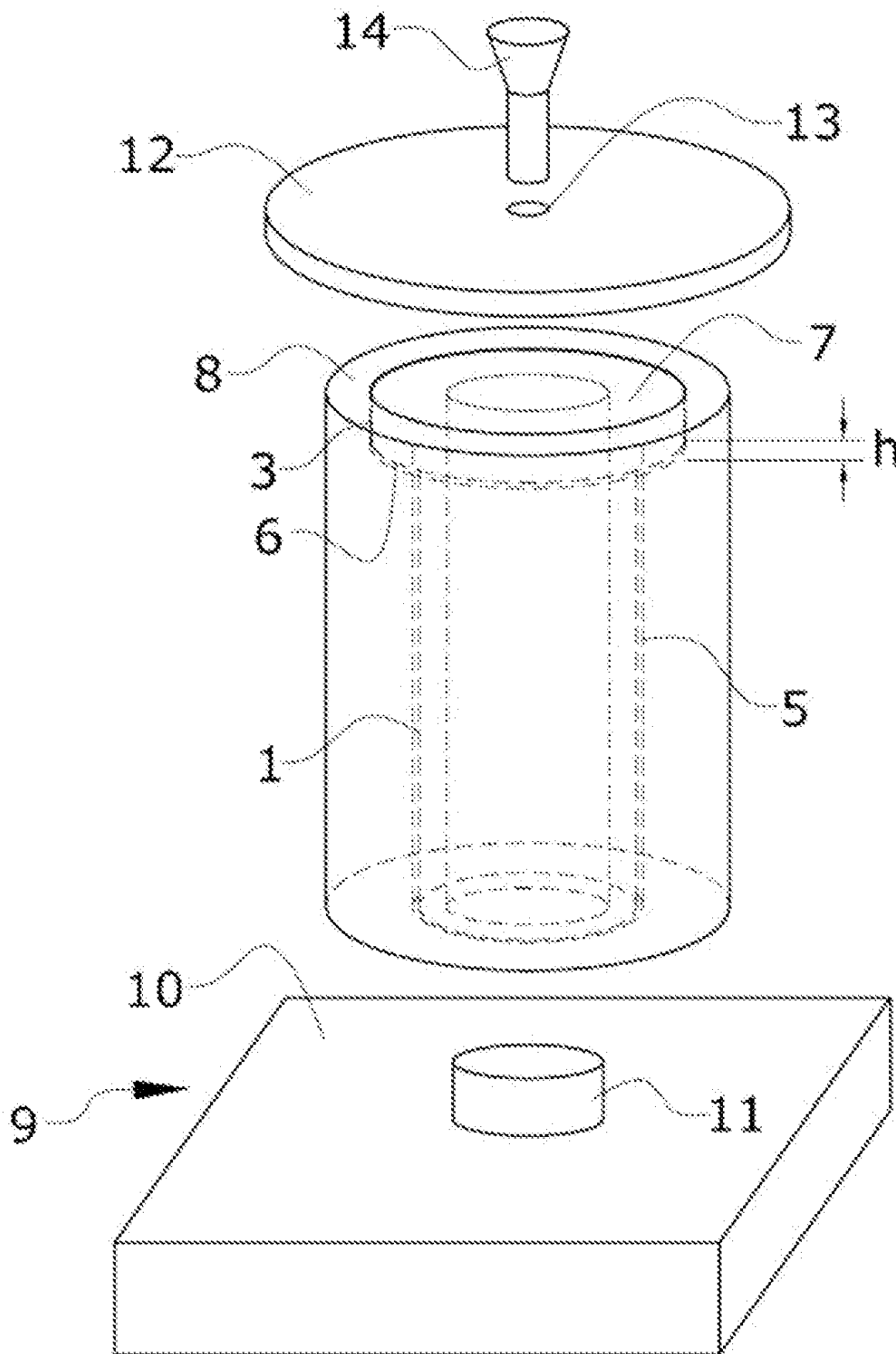
Abstract

(EP3601060)

Method of gravimetric filling of a solid product in sterile conditions in a pharmaceutical container (1) of small dimensions

including syringes, vials, capsules, ampoules, single-dose devices, inhalers, bottles, carpules blister, sachets or bags with solid substances selected from the group formed by powder, lyophilizate, granules, pellets, nanoparticles or microparticles. More particularly, it relates to a process for the gravimetric filling of pharmaceutical containers (1) with one or more sterile solid pharmaceutical substances or sterile excipients dosed and prepared in an aseptic environment.

Images



Family 79/100 - FAMPAT - ©Questel**Title**

(US5322032)

Fence identification device**Publication numbers**

US5322032

Publication dates

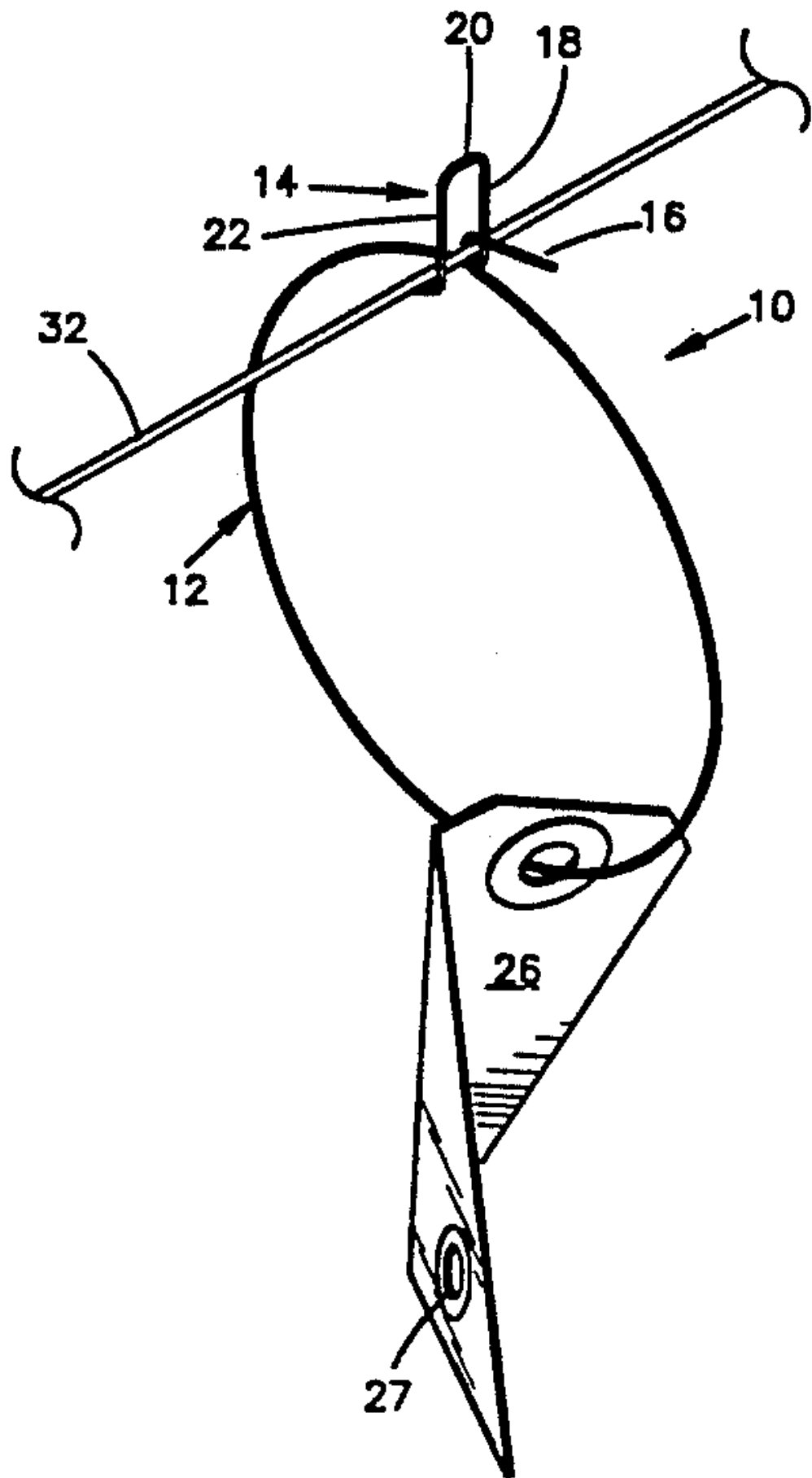
1994-06-21

Abstract

(US5322032)

In an effort to minimize injuries to **farm** animals, and the explicit and implicit costs associated with those injuries, a novel **fence** identification device which can be easily secured to a **fence wire** to securely position a flag on the **wire** is provided. The device comprises a spring **wire** clamp having a loop at one end and a hook at the other end. The loop end defines a substantially U-shaped brace portion of predetermined length and width. The hook end defines a predetermined acute angle which is sized to pass within the brace portion in tensioned relationship. The flag includes an oversized eyelet aperture and is suspended from the spring **wire** by the eyelet. The hook end is then passed within the loop end to compress the spring **wire** and define a gap in which a **fence wire** is placed. Once released, the tension of the spring **wire** secures the **fence wire** between the vortex of the hook end and the U-shaped brace portion.

Images



Family 80/100 - FAMPAT - ©Questel

Title

(US20020003195)

Electric wire insulator and fastener**Publication numbers**

US20020003195

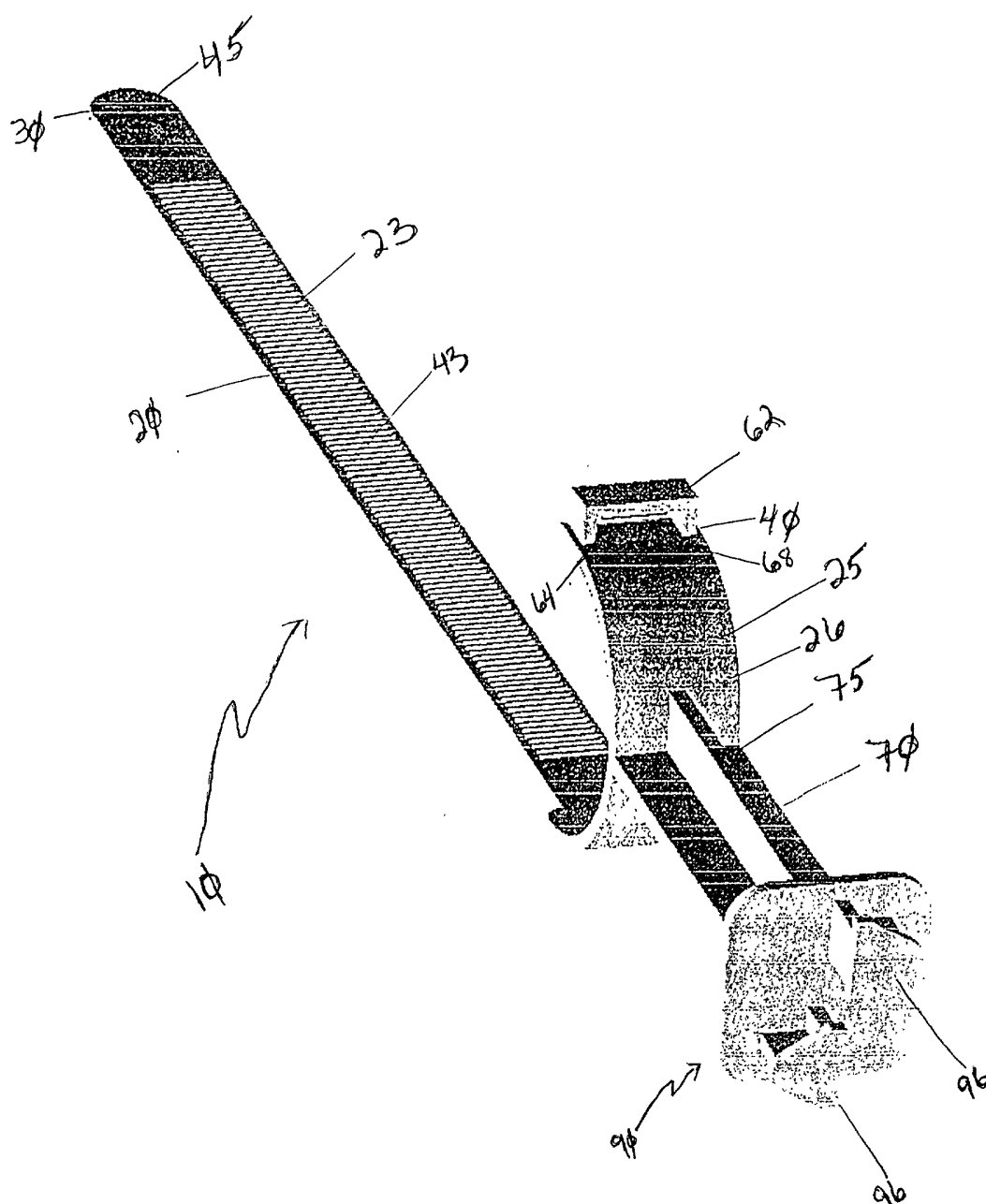
Publication dates

2002-01-10

Abstract

(US20020003195)

An apparatus which attaches to a pole, post or panel providing a means of installing electrical fencing. The apparatus comprising a strap capable of interconnection around a pipe or panel element, a member extending from the strap terminating in a fixture receiving an electrical **wire**.

Images

Family 81/100 - FAMPAT - ©Questel

Title

(DE4103901)

Apparatus for erecting a temporary fencing

Publication numbers

DE4103901

GB2240760

GB9102458

Publication dates

1991-08-14

1991-08-14

1991-03-20

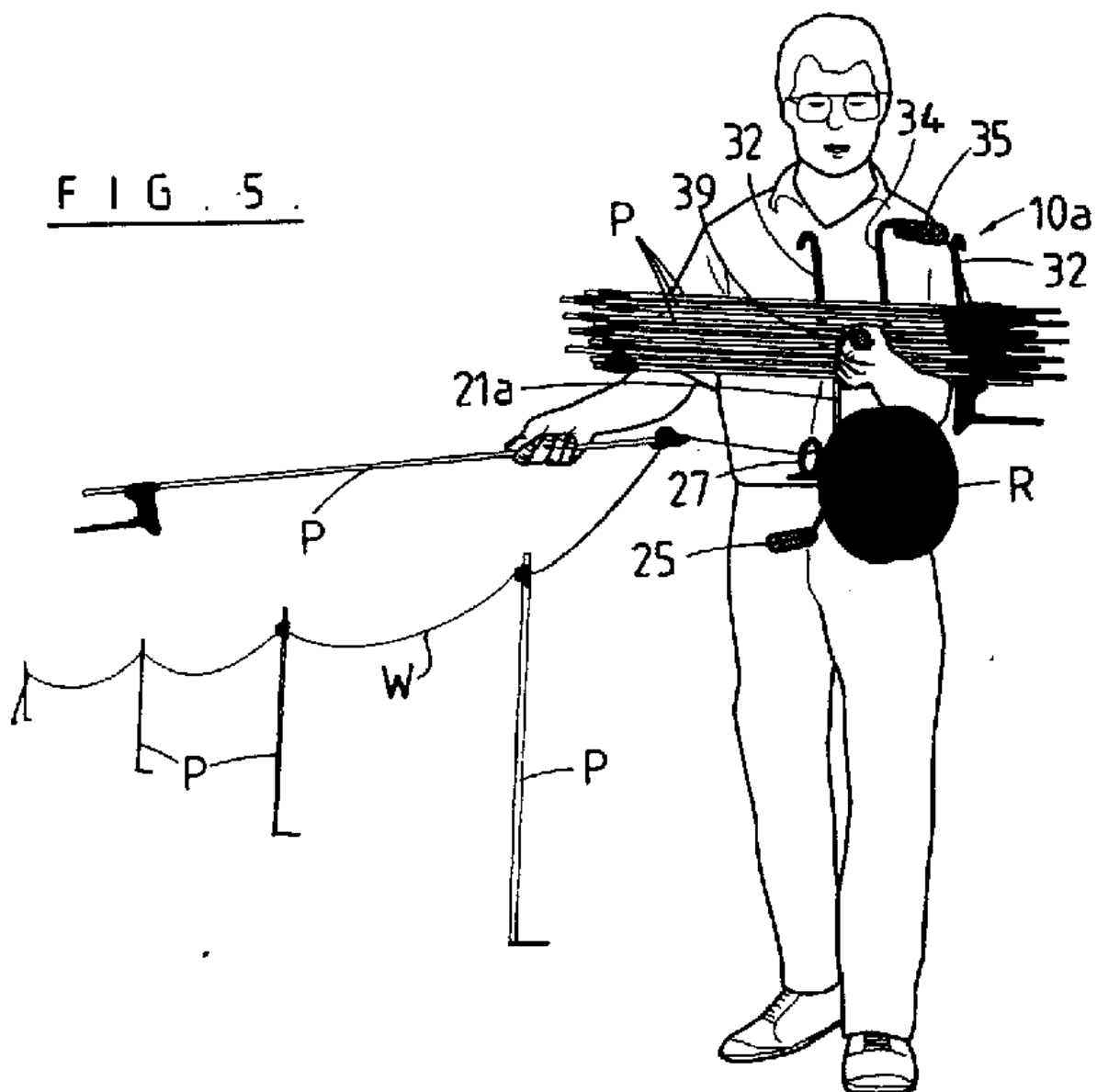
Abstract

(DE4103901)

Apparatus for erecting temporary fences comprises a carry frame mounting one or more reels R onto which **electric fence wire** can be loaded. The frame also carries fencing posts P. Guides (27, 19) guide **wire** or wires from or onto the reel or reels. The reel mounting comprises a hub member (81, Fig. 8) locatable in a reel bore. A hub nut (88) screws an the hub to cause expansion of the hub to grip the reel. More than one **wire** reel may be mounted on the hub. Handle 25 is used for rewinding. Highly visible reflective flags, which may be metallised. are secured at intervals along the **wire** (Fig. 6). The remote end of unwound **wire** may be held by a device (Figs. 11, 12) which releases the **wire** when an operator gives a series of tugs on the **wire**. <IMAGE>

(From GB2240760 A)

Images



Family 82/100 - FAMPAT - ©Questel

Title

(JP2011113698)

Conductive **wire** installing device

Publication numbers

JP5220721

JP2011113698

Publication dates

2013-06-26

2011-06-09

Abstract

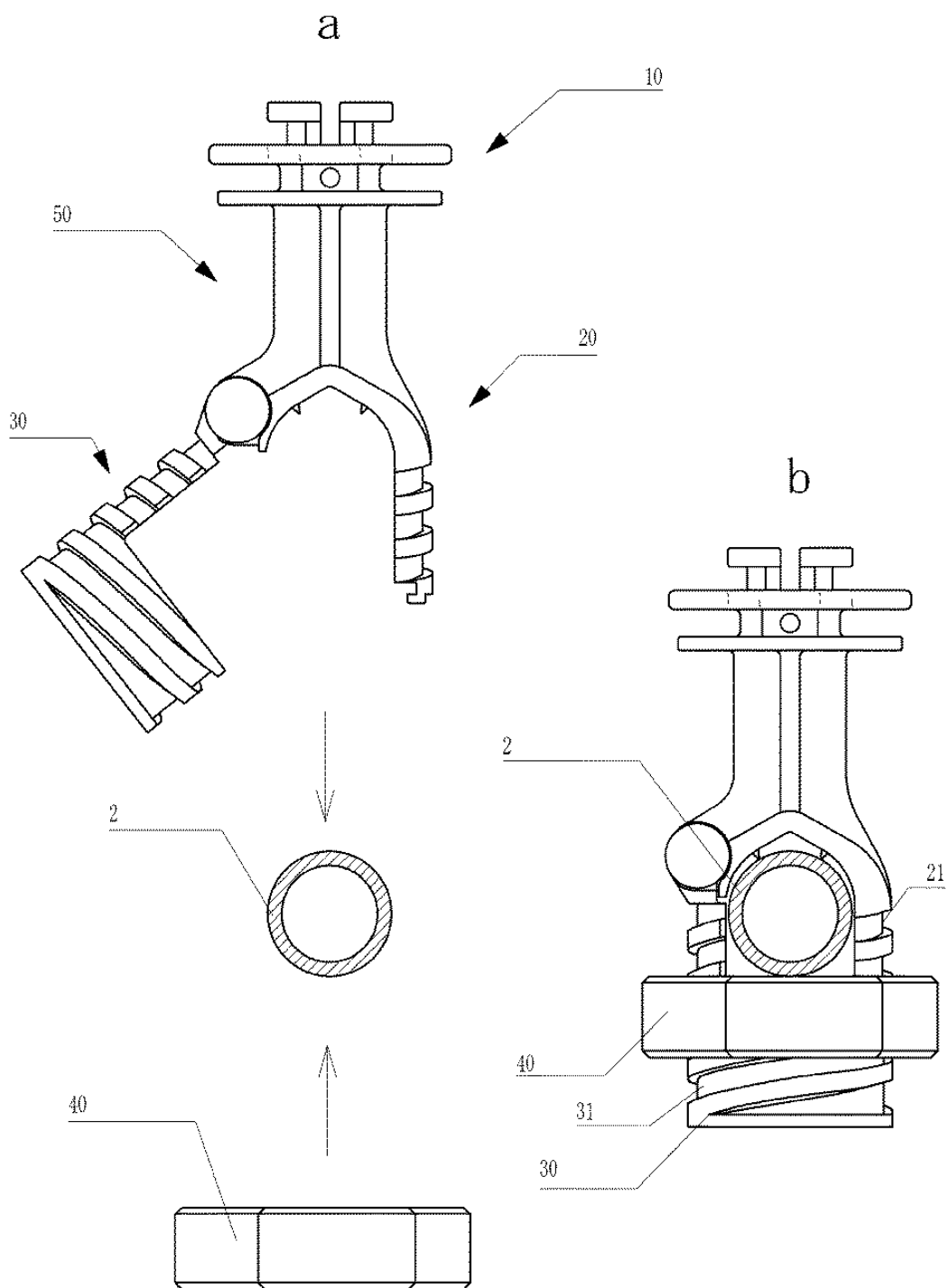
(JP2011113698)

PROBLEM TO BE SOLVED: To provide a conductive **wire** installing device which can be attached easily, with a position on a post to be attached being variable with ease, further, and can be attached to a post of a different diameter.

SOLUTION: The invention defined in claim 1 includes an **insulator** part for supporting a conductive **wire**, a pinching piece which is formed integrally with the **insulator** part, with a spiral ridge being provided to its outer peripheral surface, a pinching member which is swingably attached to the pinching member, with a spiral ridge being provided to its outer peripheral surface, and a ring member which can be screwed into the pinching piece and the pinching member. In the invention defined in claim 2, the end of the pinching member is cylindrical. In the invention defined in claim 3, a disc part is provided to the end of the pinching member so that coming-off of the ring member is prevented. In the invention defined in claim 4, one or more protrusions are provided on the inner peripheral surface of a pinching piece base.

COPYRIGHT: (C)2011,JPO&INPIT

Images



Family 83/100 - FAMPAT - ©Questel

Title

(US4493480)

Electrified fence gate

Publication numbers

US4493480

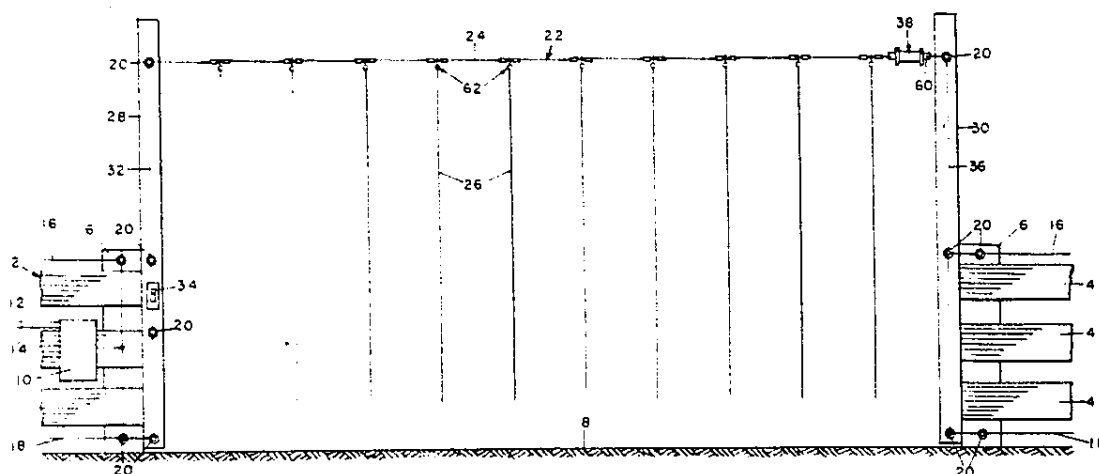
Publication dates

1985-01-15

Abstract

(US4493480)

An electrified fence gate including a tensioned flexible support wire extending horizontally across a fence gate opening, at a height greater than that of vehicles normally intended to pass through the opening, a series of spaced gate wires connected at their upper ends to the support wire and depending closely adjacent but not engaging the road surface, and a fence charger operable to charge the wires with a shocking electric charge. Vehicles, insulated from the ground by their rubber tires, may thus pass freely through the gate without stopping, merely deflecting the hanging wires, but any livestock attempting to pass through, being grounded, will receive an electric shock whenever they touch any of the hanging gate wires, and hence be driven away from the gate.

Images

Family 84/100 - FAMPAT - ©Questel

Title

(JP2002209467)

Farm of cross breed of wild and domestic duck

Publication numbers

JP2002209467

Publication dates

2002-07-30

Abstract

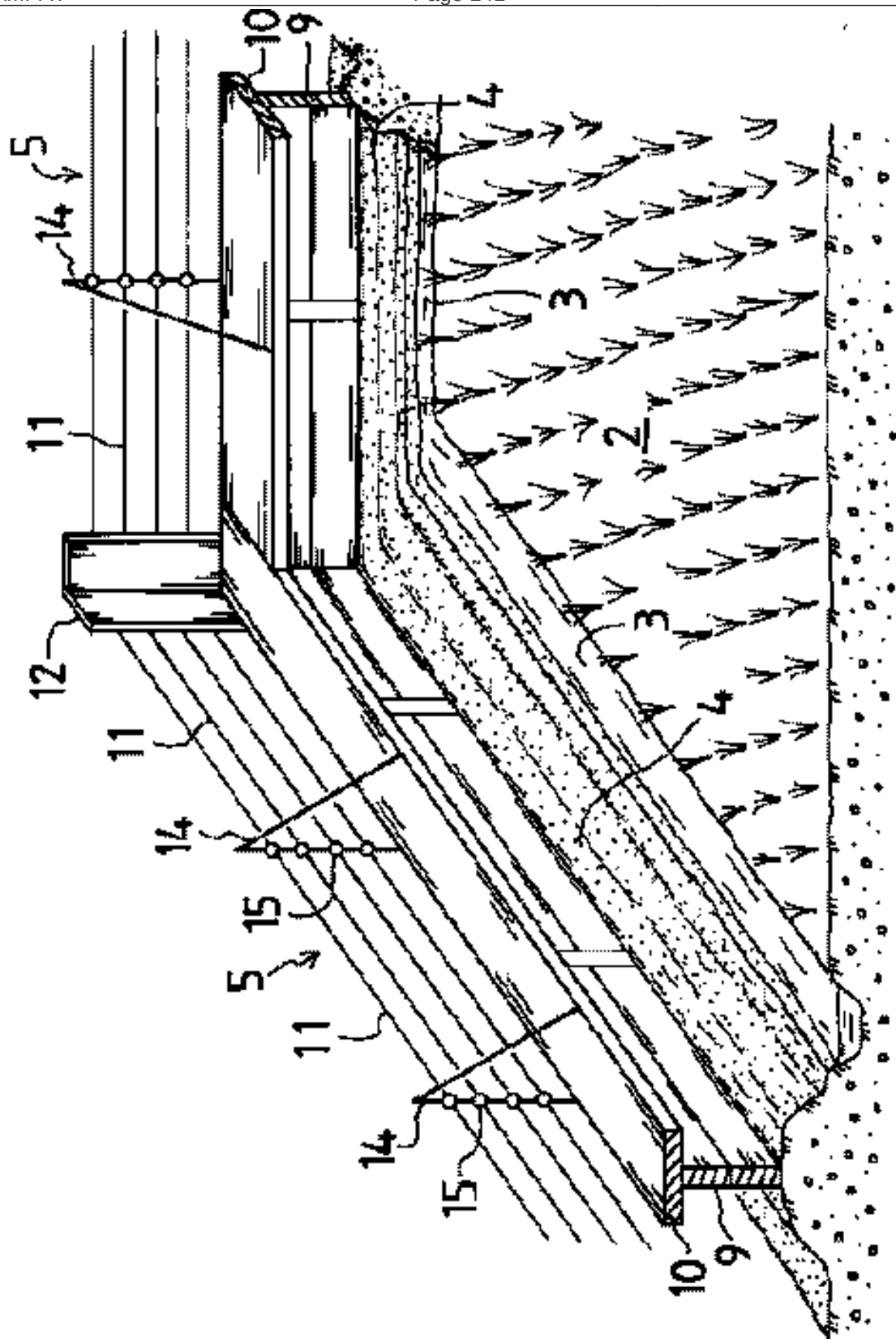
(JP2002209467)

PROBLEM TO BE SOLVED: To provide a **farm** of a cross breed of wild and domestic ducks in which advantages of the method for farming of the cross breed of the wild and domestic ducks are sufficiently exhibited and the yield can be increased without causing trouble such as invasion of a foreign enemy or a flight or an **electric** shock of the cross breed of the wild and domestic ducks.

SOLUTION: This **farm** 1 of the cross breed of the wild and domestic ducks is provided with a water flow ditch 3 formed around a paddy field 2, a protective **fence** 5 stood along a levee 4 on the outside of the water flow ditch 3, a reservoir 6, etc., provided by communication with the water flow ditch 3 in a corner part of the paddy field 2. The protective **fence** 5 is composed of a shielding plate 9 stood nearly vertically on the ground surface, a horizontal plate 10 nearly horizontally arranged on the shielding plate 9 and a plurality of wires 11 stretched nearly horizontally at a mutual interval kept therebetween in the upper part of the horizontal plate 10.

COPYRIGHT: (C)2002,JPO

Images



Family 85/100 - FAMPAT - ©Questel

Title

(JP2014090680)

Pole extension member

Publication numbers

JP2014090680

JP5192606

Publication dates

2014-05-19

2013-02-08

Abstract

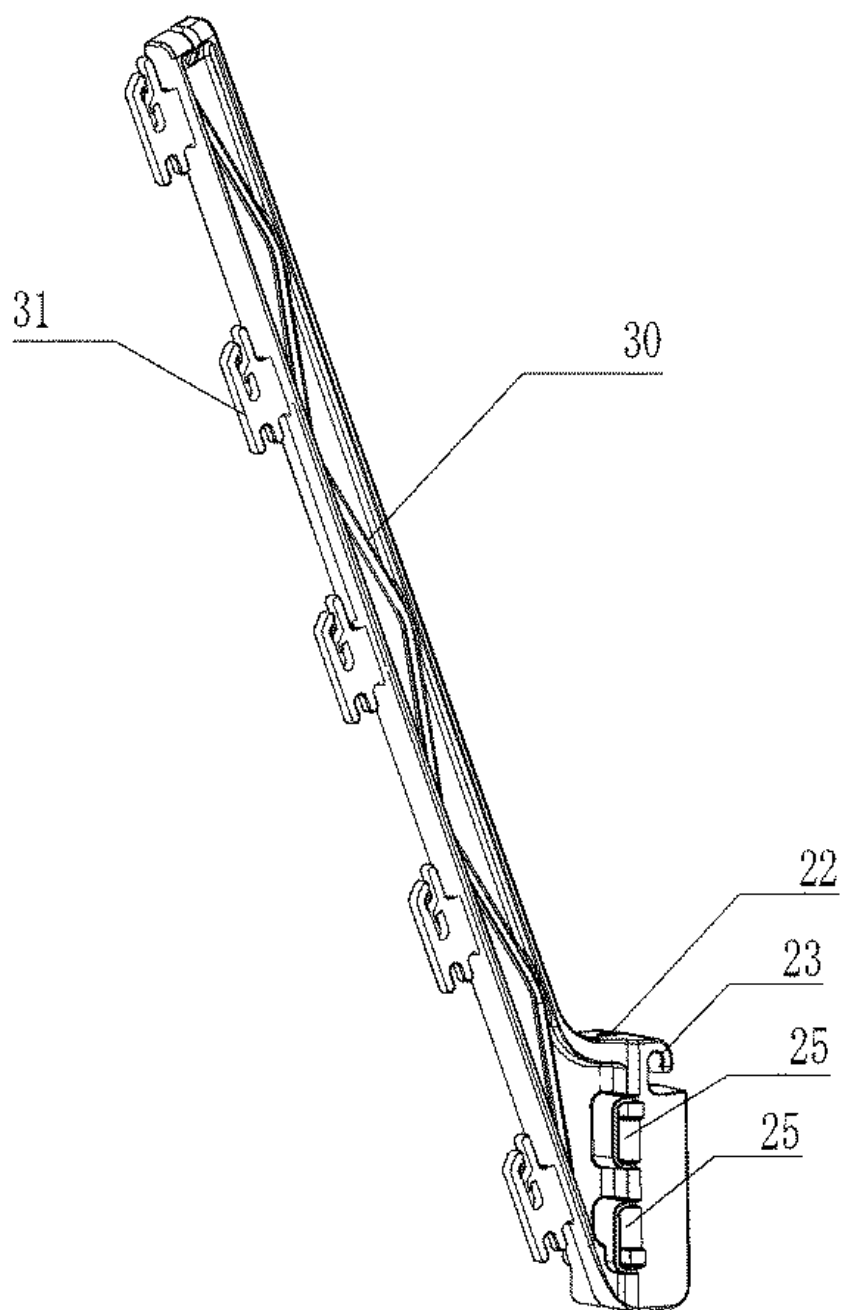
(JP5192606)

PROBLEM TO BE SOLVED: To provide effective means for preventing intrusion of animals, such as deer or the like having excellent jumping power or monkeys or the like having high ability to climb, who jump over an **electric fence** or an animal-proof net or climb a pole and invade fields, and more specifically, a pole extension member which can easily be attached to the pole of the **electric fence** or the animal-proof net or the welded **wire** mesh itself composing the animal-proof net.

SOLUTION: A hollow part into which an **insulator** is inserted and a groove part into which a welded **wire** mesh is fitted are formed in a base end and a hole for winding a band member is formed in the region where a branch part extends from the base end.

COPYRIGHT: (C)2014,JPO&INPIT

Images



Family 86/100 - FAMPAT - ©Questel

Title

(US3456067)

Fence wire mounting device

Publication numbers

US3456067

Publication dates

1969-07-15

Images

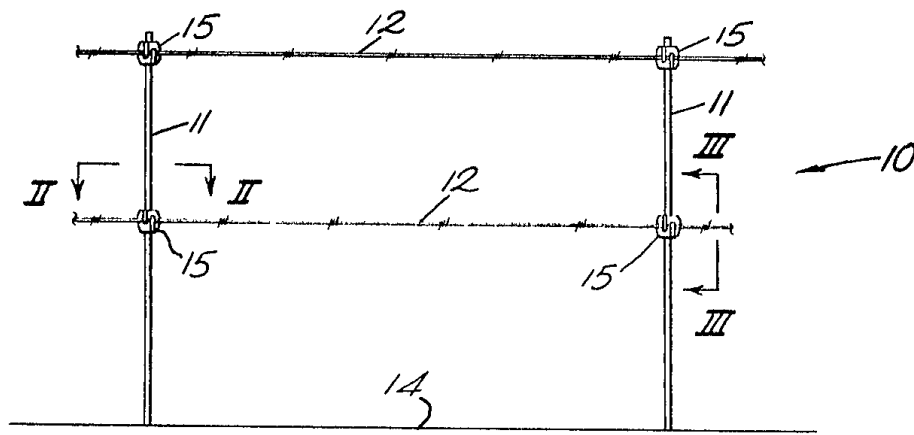


FIG. 1

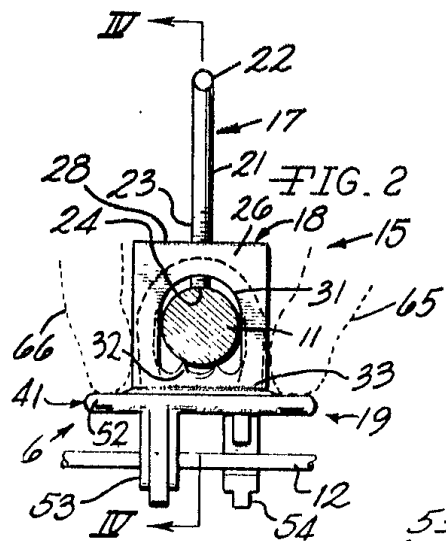


FIG. 2

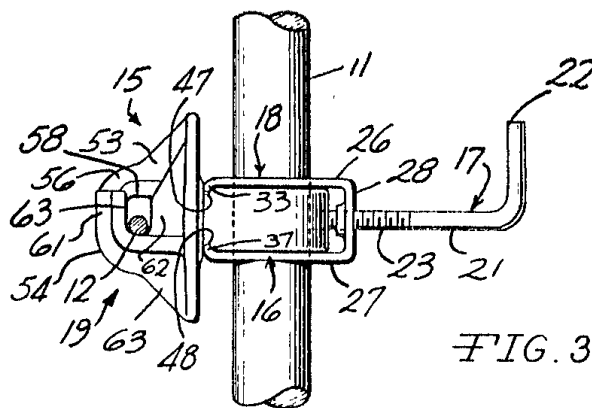


FIG. 3

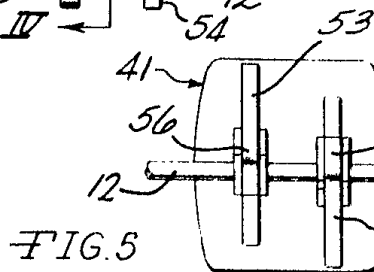


FIG. 5

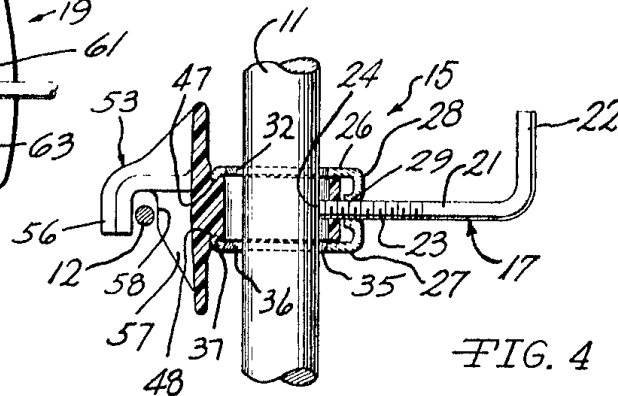


FIG. 4

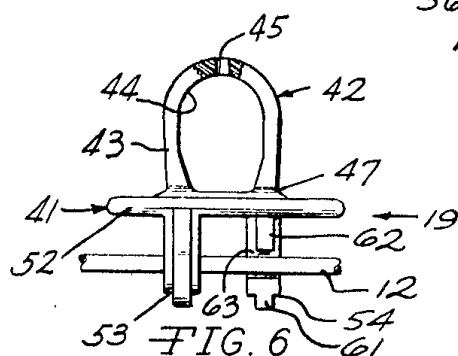


FIG. 6

INVENTOR

ROBERT M. WILSON

BY

Roy A. Plant

Family 87/100 - FAMPAT - ©Questel

Title

(DE102008048621)

Area i.e. agricultural area, limitation device for open land animal husbandry, has conducting fence mounted on supports with non-conducting distance pieces and non-conducting fence, and lower tunneling guard controlling eroding of device

Publication numbers

DE102008048621

Publication dates

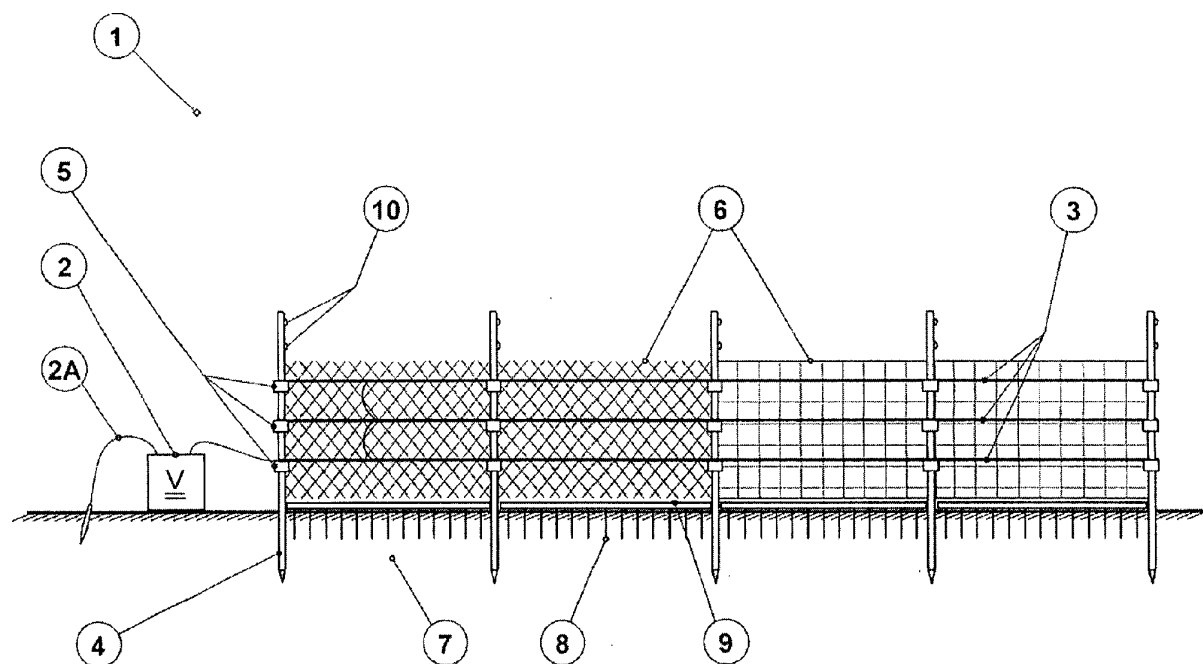
2009-10-01

Abstract

(DE102008048621)

The device (1) has a voltage generator (2) and an electrically conducting fence (3), which is mounted on supports (4) with electrically non-conducting distance pieces (5) and with an electrically non-conducting fence (6). A lower tunneling guard (7) controls eroding of the device and is connected laterally with the supports. The guard has pins (8) of defined length and diameter, where the pins are plunged into the earth in defined distances from each other. The electrically non-conducting fence consists of knot network or wire mesh, which is fastened to the supports and/or the guard.

(From DE102008048621 A1)

Images

Family 88/100 - FAMPAT - ©Questel

Title

(US20150076433)

Means for protecting a fence line

Publication numbers

AU2014101592

US20150076433

AU2014202786

NZ614628

Publication dates

2016-10-20

2015-03-19

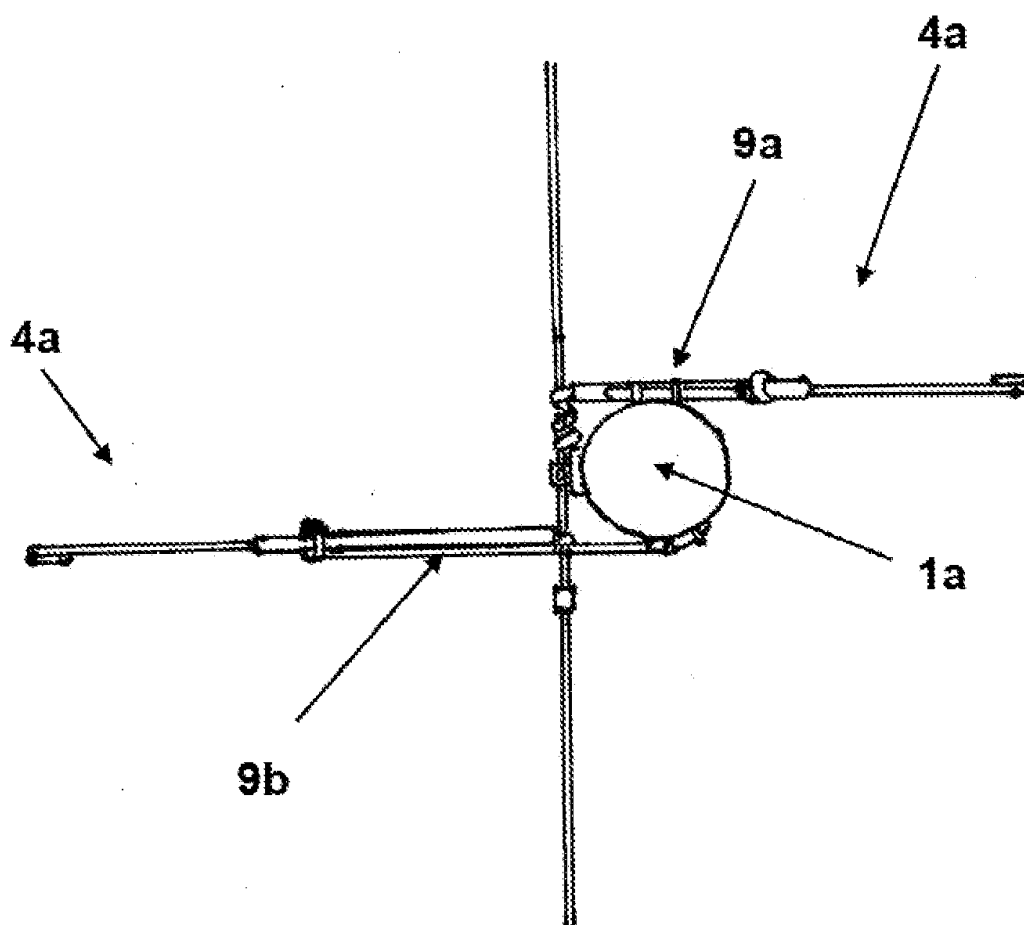
2015-03-12

2013-12-20

Abstract

(US20150076433)

A fence line has a series of electrified wands extending outwards of the fence line at intervals. Each wand is arranged such that in the event a livestock animal walks along the fence line it will contact the wand and the wand will move in the direction the animal is moving so as not to break away from the fence line. At the same time the wand will deliver an electric shock to the animal to deter it from walking along the fence line subsequently. After delivering the shock, the wand moves to assume the disposition it had prior to contact with the animal.

Images

Family 89/100 - FAMPAT - ©Questel

Title

(WO200051144)

Insulator**Publication numbers**

GB2362763

NZ513188

US20020025218

GB2362763

GB0118868

AU1085700

WO00/51144

Publication dates

2003-07-09

2002-09-27

2002-02-28

2001-11-28

2001-09-26

2000-09-14

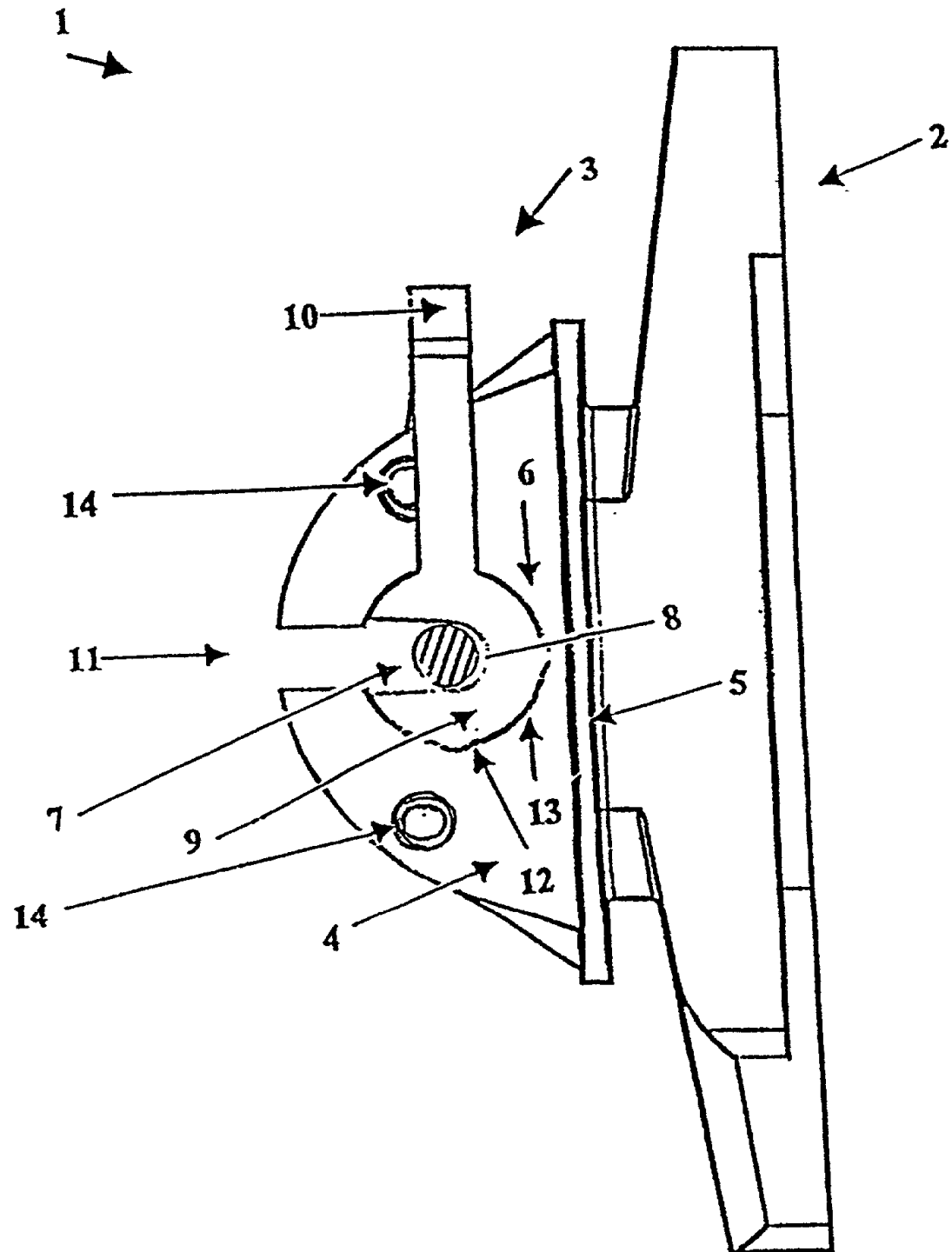
2000-08-31

Abstract

(WO00/51144)

This invention relates to an **insulator** including a mounting portion for mounting the **insulator** to a surface, and a securing portion for securing a length of material relative to the **insulator**, and a securing portion capable of being moved to release the length of material with respect to the **insulator**, the **insulator** characterised in that the movement of the securing portion to allow release of the length of material is contained within the **insulator**.

Images



Family 90/100 - FAMPAT - ©Questel

Title

(CN205409038U)

Fence is raised in deer class animal field with take **electric**?protection?device**Publication numbers**

CN205409038

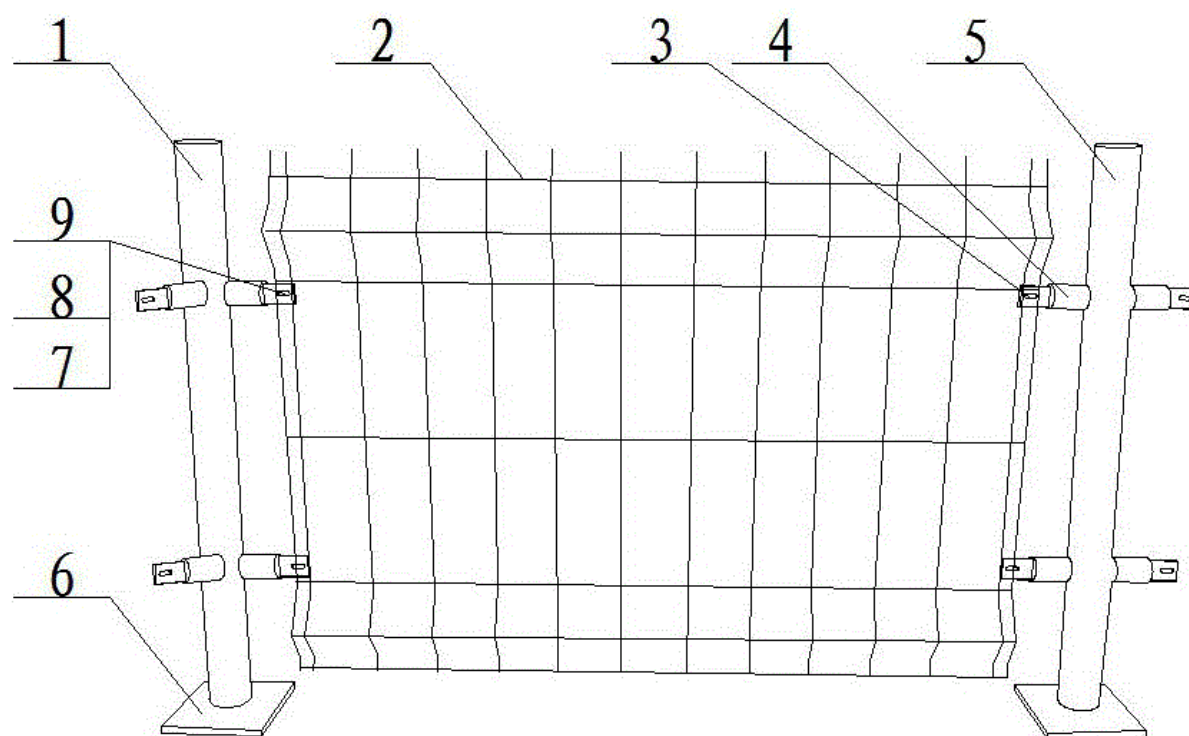
Publication dates

2016-08-03

Abstract

(CN205409038)

The utility model provides a **fence** is raised in deer class animal field with take **electric**?protection?device. Traditional deer class wild animal before the habit changes, for keeping animal habit, made it to be put after a large amount of the reproduction and returns the field after artificial feeding a period, just need carry out rearing in pens under the half open -air environment. A **fence** is raised in deer class animal field, and its constitution includes: of it is electrified the rail, rail (2) be a net that forms with 8 steel wires of phi welding, both sides use connecting piece (3) on bolt (9), nut (8), cushion (7) and the insulating part (4) to be connected respectively, the insulating part install respectively again on limit stand (5) or angle column (1), the both sides horizontal plane of limit stand respectively have respectively about two insulating parts, the insulating part of both sides becomes horizontal arrangement on the face of the both sides of limit stand, angle column on two couples of rectangular vertical arrangement of insulating part. The utility model discloses be applied to the animal feeding field, be applied to a **fence** is raised in deer class animal field with take **electric**?protection?device very much.

Images

Family 91/100 - FAMPAT - ©Questel

Title

(US3071640)

Fence insulators

Publication numbers

US3071640

Publication dates

1963-01-01

Images

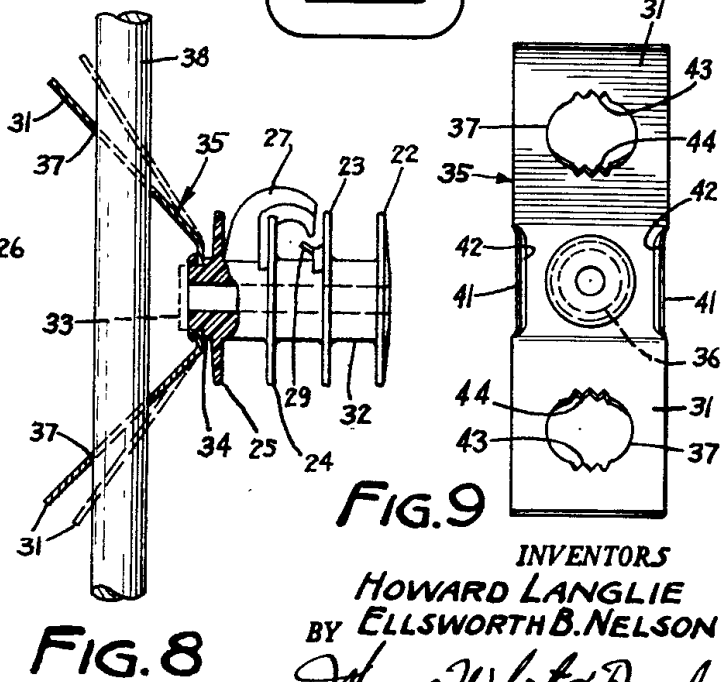
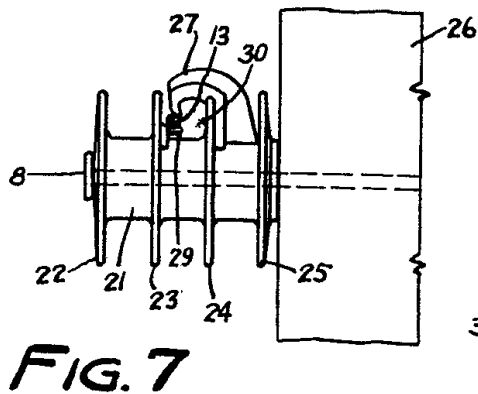
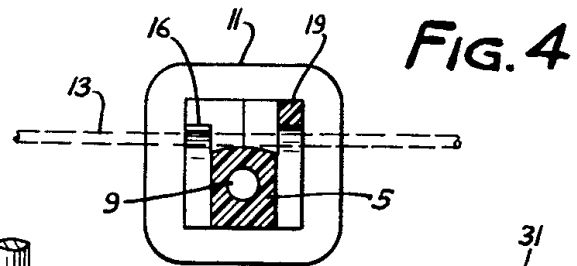
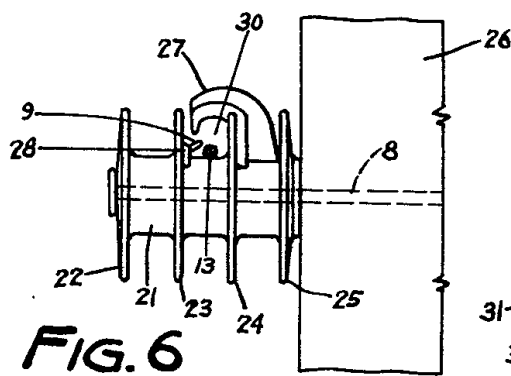
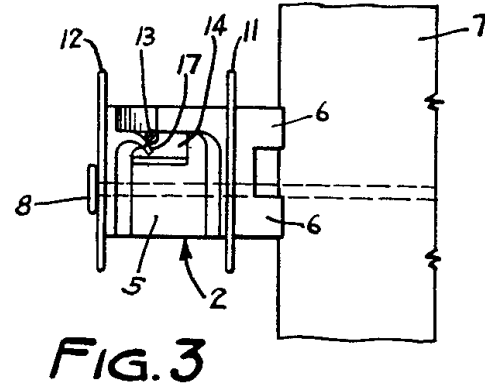
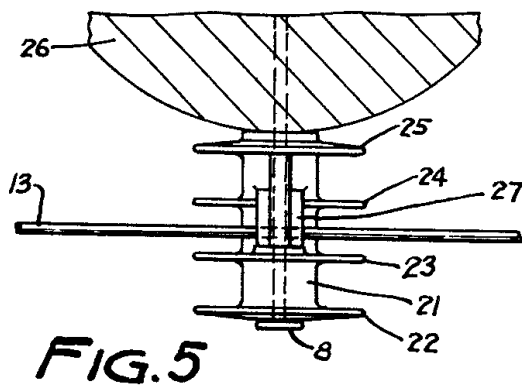
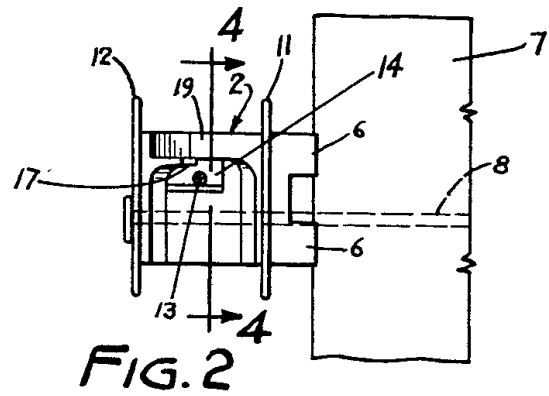
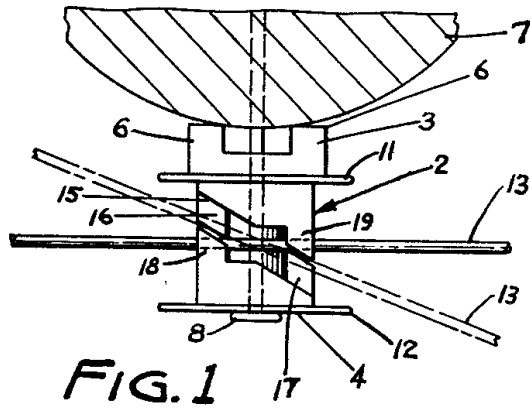
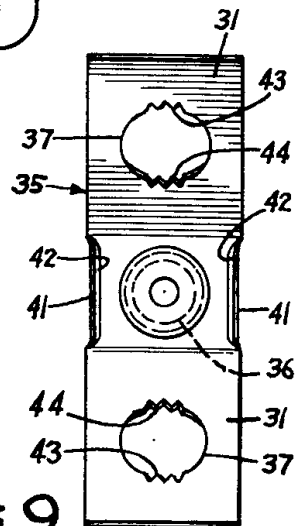


FIG. 9



INVENTORS
HOWARD LANGLEIE
BY ELLSWORTH B. NELSON

Moore, White & Burd
ATTORNEYS

Family 92/100 - FAMPAT - ©Questel

Title

(EP1427055)

Low cost antennas using conductive plastics or conductive composites

Publication numbers

US8268222

US7829006

US7726440

US7708920

US7658663

US7549521

US7432448

US7425885

US7372006

US7372127

US7339146

US20080036241

US7326463

US7316838

US7317420

US7273135

US7268461

US7268479

US7268562

US7268637

US7230572

US7222727

US7223144

US7223469

US7224108

US7198735

US7182889

US7164388

US20060287126

US7102077

US20060174753

US20060137688

US20060138646

US20060131547

US20060128895

US20060118554

US20060114169

US20060091887

US20060071862

US7017822

US20060060690

US7006046

US7006050

US7002234

US20060003667
US20050269727
US20050271838
US20050263124
US20050263935
US20050236406
US20050236407
US20050230867
US20050224280
US20050225485
US20050212161
US20050212162
US20050204544
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US20050205551
US20050205712
US20050206028
US20050206270
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US20050199413
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US20050167133
US20050167188
US20050167189
US20050167931
US20050170078
US20050160547
US20050161142
US20050162133
US20050146072
US20050139811
US20050139812
US20050140042

US20050078050
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US20050031823
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US20040222863
US20040217405
US20040217472
US20040211653
CN1538554
US20040196198
US20040188418
US20040189170
US20040174318
JP2004236289
US20040160377
KR20040048848
EP1427055
CA2452284
US20040051666

Publication dates

2012-09-18
2010-11-09
2010-06-01
2010-05-04
2010-02-09
2009-06-23
2008-10-07
2008-09-16
2008-05-13
2008-05-13
2008-03-04
2008-02-14
2008-02-05
2008-01-08
2008-01-08
2007-09-25
2007-09-11
2007-09-11
2007-09-11

[illegible]

2005-09-20

2005-09-20

2005-09-15

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2005-09-15

2005-09-15

2005-09-01

2005-08-18

2005-08-11

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2005-08-04

2005-08-04

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2005-07-28

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2005-06-30

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2005-06-30

2005-04-14

2005-03-24

2005-03-22

2005-02-10

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2005-02-03

2005-02-03

2005-01-13

2005-01-06

2004-12-02

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2004-11-11

2004-11-04

2004-11-04

2004-10-28

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2004-09-09

2004-08-19

2004-08-19

2004-06-10

2004-06-09

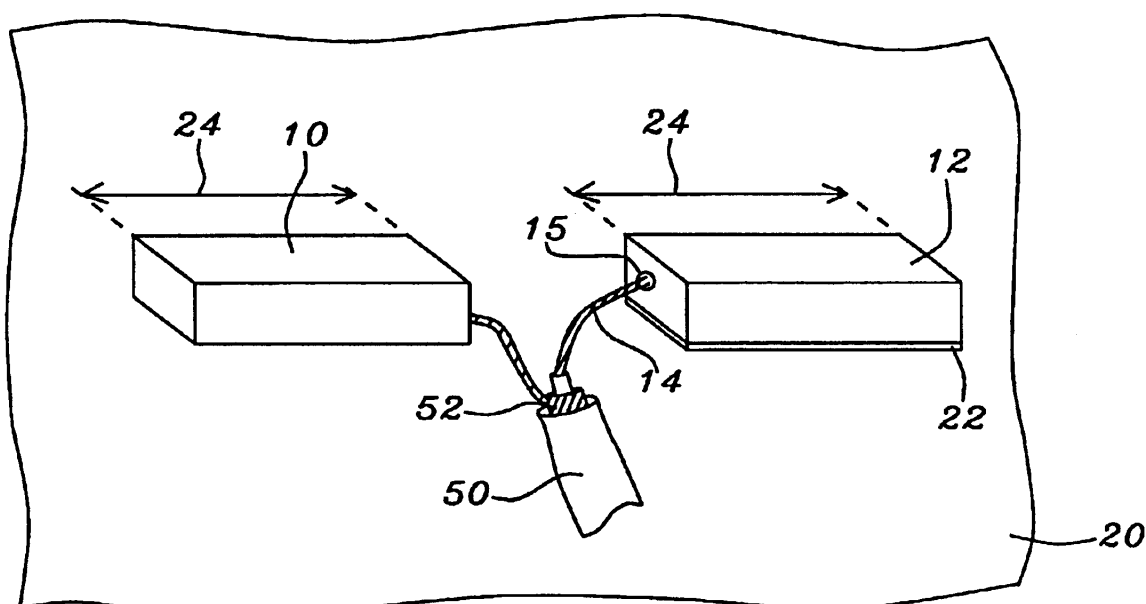
2004-06-04

2004-03-18

Abstract

(EP1427055)

Low cost antennas formed of a conductive loaded resin-based material. The conductive loaded resin-based material comprises conductor fibers or conductor particles in a resin or plastic host wherein the ratio of the weight of the conductor fibers or conductor particles to the weight of the resin or plastic host is between about 0.20 and 0.40. The conductive fibers can be stainless steel, nickel, copper, silver, or the like. The antenna elements can be formed using methods such as injection molding or extrusion. Virtually any antenna fabricated by conventional means such as **wire**, strip-line, printed circuit boards, or the like can be fabricated using the conductive loaded resin-based materials. The conductive loaded resin-based material used to form the antenna elements can be in the form of a thin flexible woven fabric which can readily cut to the desired shape. <IMAGE>

Images

Family 93/100 - FAMPAT - ©Questel

Title

(CN201892994U)

High-voltage electronic impulse type probe

Publication numbers

CN201892994

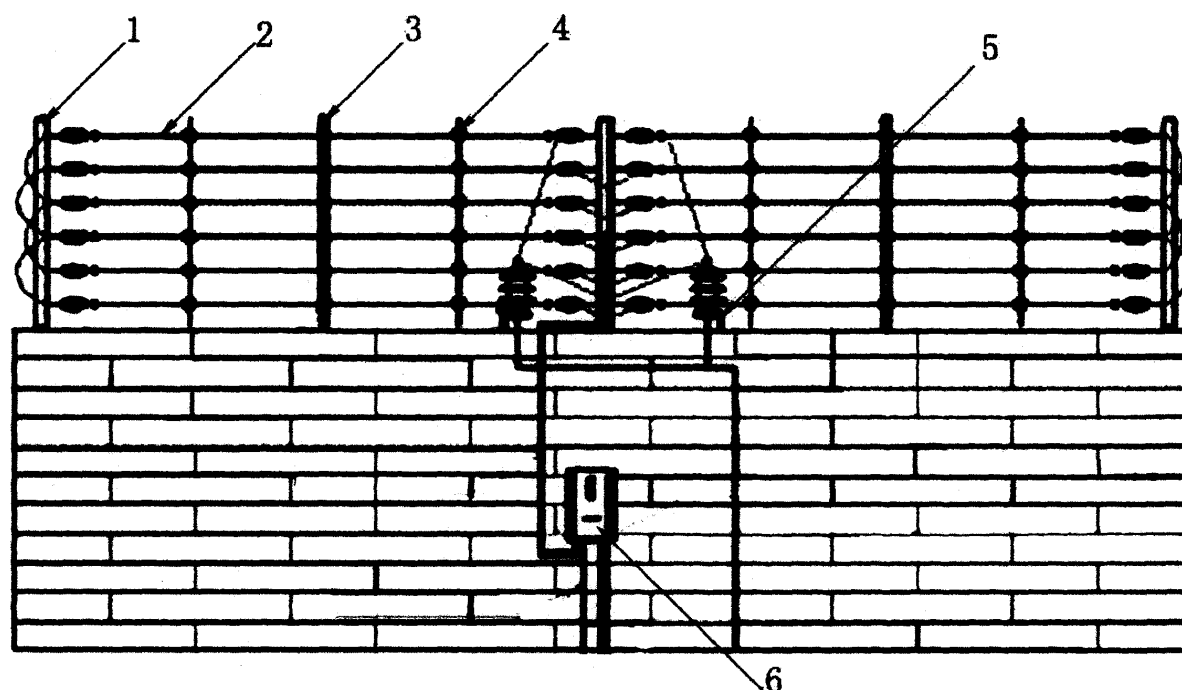
Publication dates

2011-07-06

Abstract

(CN201892994)

The utility model relates to an electronic **fence**, particularly relates to an electronic impulse type probe, and aims at providing a high-voltage electronic impulse type probe which can not be out of work caused by the short circuit of two adjacent wires. In order to achieve the above purposes, the high-voltage electronic impulse type probe comprises a host machine, an electronic **fence** and lightning protection equipment; the electronic **fence** is connected with the host machine through an insulated **wire**; the lightning protection equipment is connected with the electronic **fence**; the host machine is also grounded; the electronic **fence** comprises a rail and at least two groups of wires; each group of **wire** is connected with the rail through the insulated **wire**; each group of wires form a loop and comprise three wires; and two groups of wires are in mutually crossed arrangement. The patent product is mainly used for periphery safety guard, is applicable to industrial and mining enterprises, warehouses, transformer substations, reservoirs, natural preservation areas, parking lots, farms, growing bases, airfields, jails, farms, military installations and housing districts and the like.

Images

Family 94/100 - FAMPAT - ©Questel**Title**

(US3684248)

Fence gate handle**Publication numbers**

US3684248

Publication dates

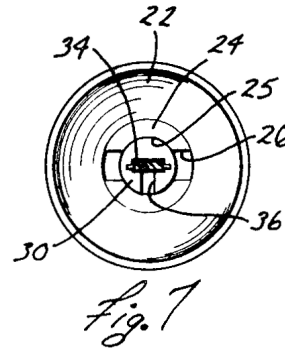
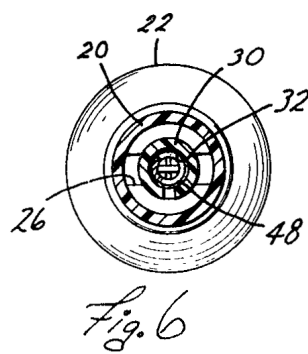
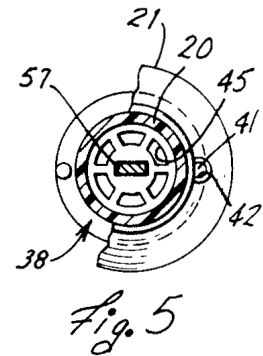
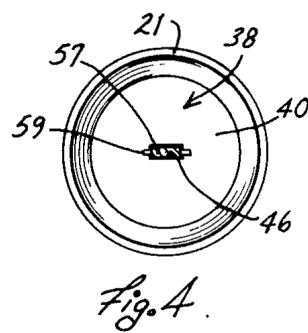
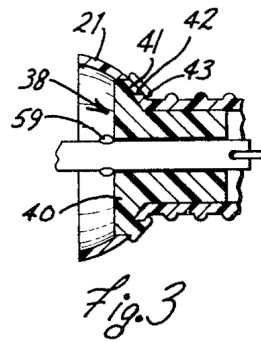
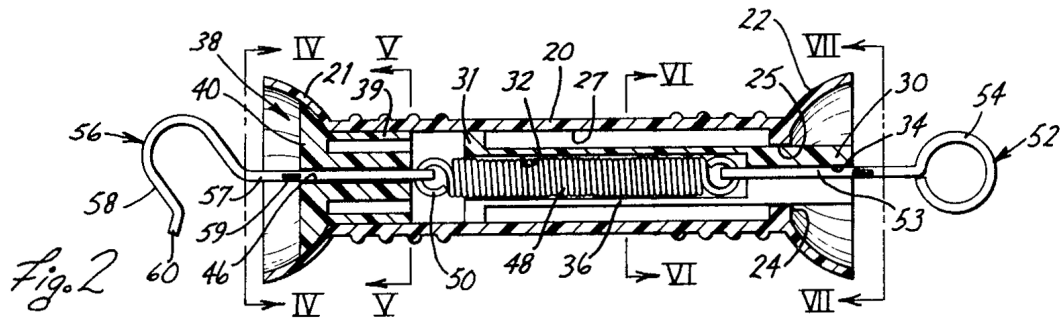
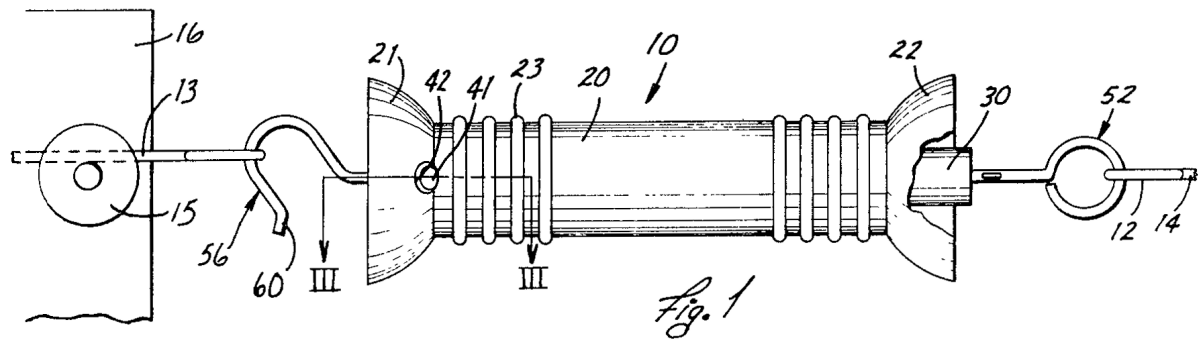
1972-08-15

Abstract

(US3684248)

A gate handle for providing an opening in an electrified **fence**, including a hollow plastic housing flared at both ends and having an end wall at one end. An elongated tubular plunger is disposed in said housing and extends through an opening in said end wall by which the plunger is supported for axial sliding movement with respect to the housing. Said plunger has a radially outwardly extending flange on the interior end thereof which slidably engages the housing. A coil spring is disposed within one end of the plunger. A hook and an eyelet, which are at opposite ends of the housing, have elongated shanks secured to the opposite ends of the spring. The eyelet shank slidably extends axially through the exposed end of the plunger, and the hook shank extends through a closure member secured to the housing at the end thereof opposite the end wall. The plunger has an axially and radially extending slot for assisting in the assembly of the spring, plunger, hook and eyelet.

Images



INVENTOR
ROBERT E. MAES, JR.
BY

Handwritten signature: Robert E. Maes, Jr.

Family 95/100 - FAMPAT - ©Questel

Title

(CN207029355U)

Carrier that can move on **fence****Publication numbers**

CN207029355

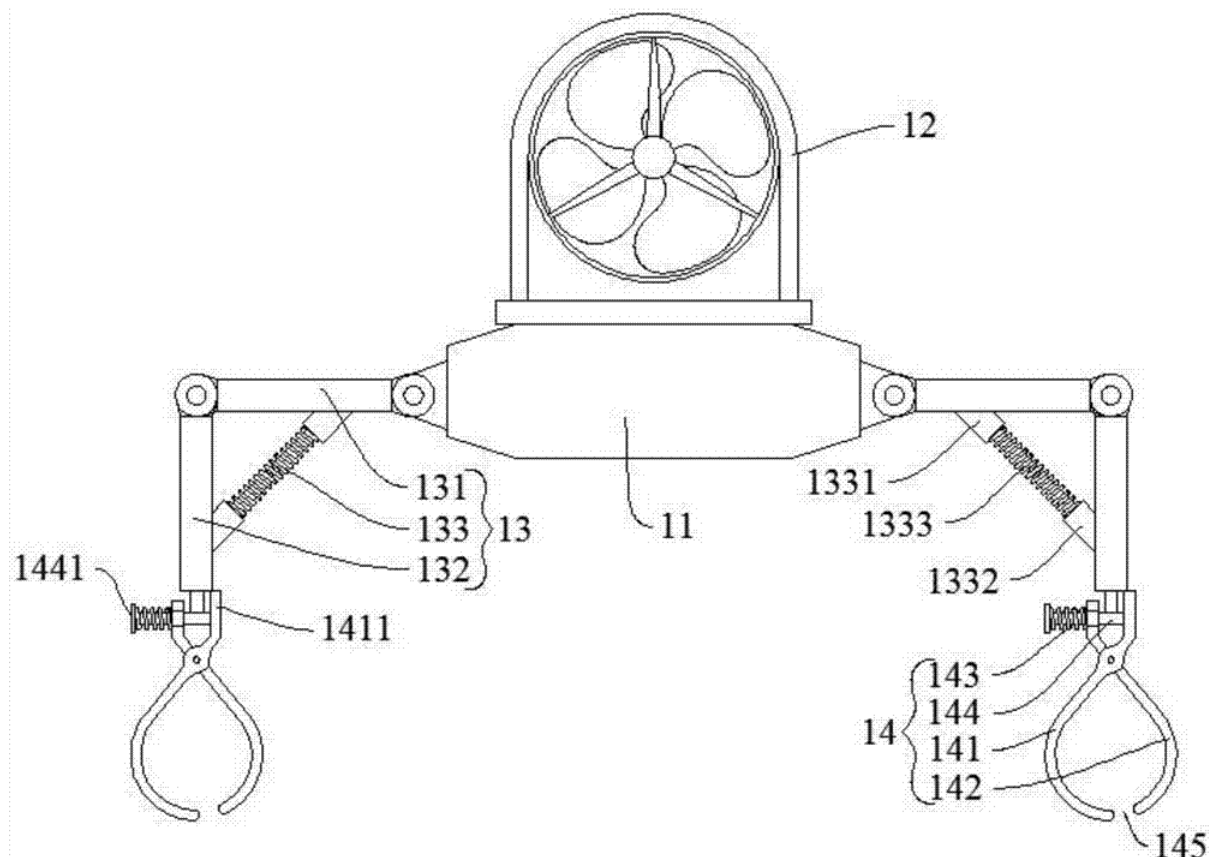
Publication dates

2018-02-23

Abstract

(CN207029355)

The utility model provides a carrier that can move on **fence**, the both sides of fuselage all are connected with the leg, and the sum of leg is no less than 3, and the terminal of every leg even has a foot of a chela, and the foot of a chela all is located the one side of fuselage, and the another side of fuselage is equipped with the pneumatic power device, the leg includes: go up podomere, podomere, traction mechanism down, traction mechanism is used for the restriction and goes up the podomere and the contained angle of podomere down, the foot of a chela includes: first curved bar, second curved bar, pressure spring, round pin post, first curved bar and second curved bar pass through hinge cross cross connection, and it is cyclic annular that first curved bar and second curved bar form with notch in hinge one side, and first curved bar and second curved bar extend a mesa at the hinge opposite side separately, and it has the through -hole to open on the mesa of second curved bar, and the round pin post fixes on the mesa of first curved bar and to pass this through -hole outwardly directed, and the end that stretches out of round pin post is connected with the dog, and the pressurespring cover is on round pin post extension and to the mesa of tight second curved bar. The utility model discloses an use the **fence** alloy **wire** to be the moving carrier of " track ".

Images

Family 96/100 - FAMPAT - ©Questel

Title

(US8955828)

Springless **electric** gate tensioner**Publication numbers**

US8955828

US20120295468

Publication dates

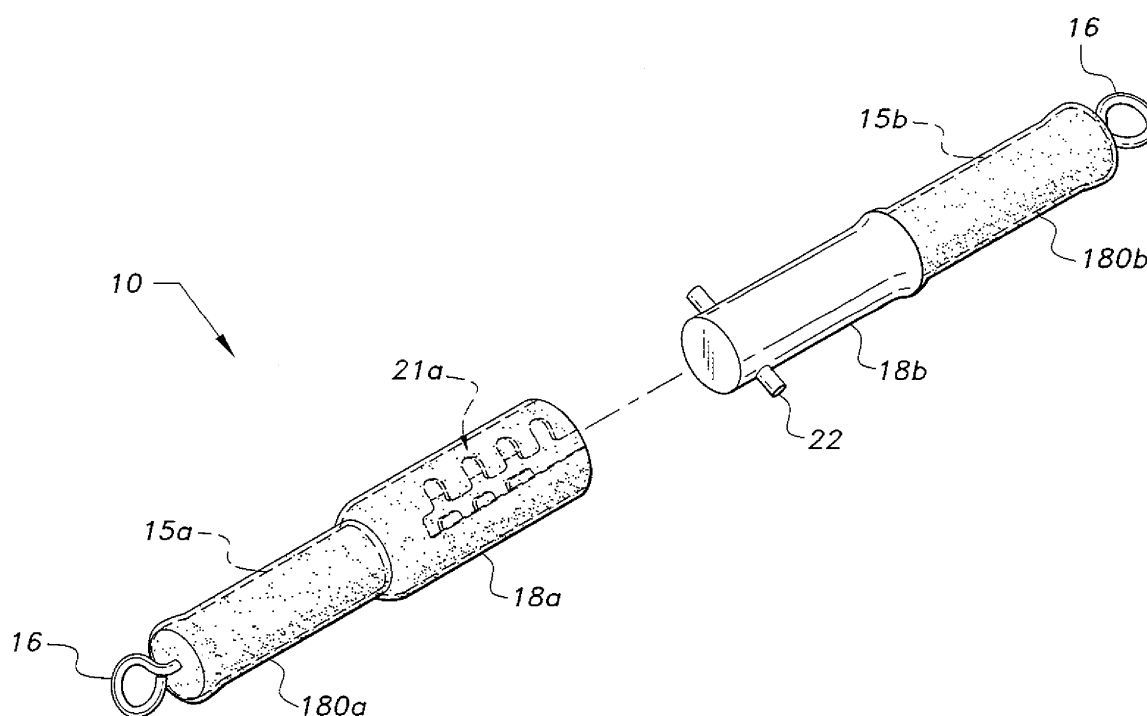
2015-02-17

2012-11-22

Abstract

(US20120295468)

The springless **electric** gate tensioner receptacle and plug connect and axially adjust relative to each other in order to mechanically tension the electrical **fence** gate **wire**. The receptacle has a resilient, electrically non-conductive **insulator** covering handle and conductive sleeve portions. Spaced apart bayonet slots are disposed axially along diametrically opposite sides of the sleeve. The plug includes a solid cylindrical conductive member extending from a handle, the handle being covered with a resilient, electrically non-conductive **insulator**. Bayonet lugs extend from the plug near its end and project outwardly in a radial direction approximately 180° from each other. Conducting rings extend from the plug and receptacle handles for connection to the gate and **fence** wires. The projecting bayonet lugs of the plug twist-lock engage user selectable receptacle slots, thereby tensioning the gate **wire**.

Images

Family 97/100 - FAMPAT - ©Questel

Title

(JP04278034)

Fence equipment

Publication numbers

JP2574949

JP04278034

Publication dates

1997-01-22

1992-10-02

Abstract

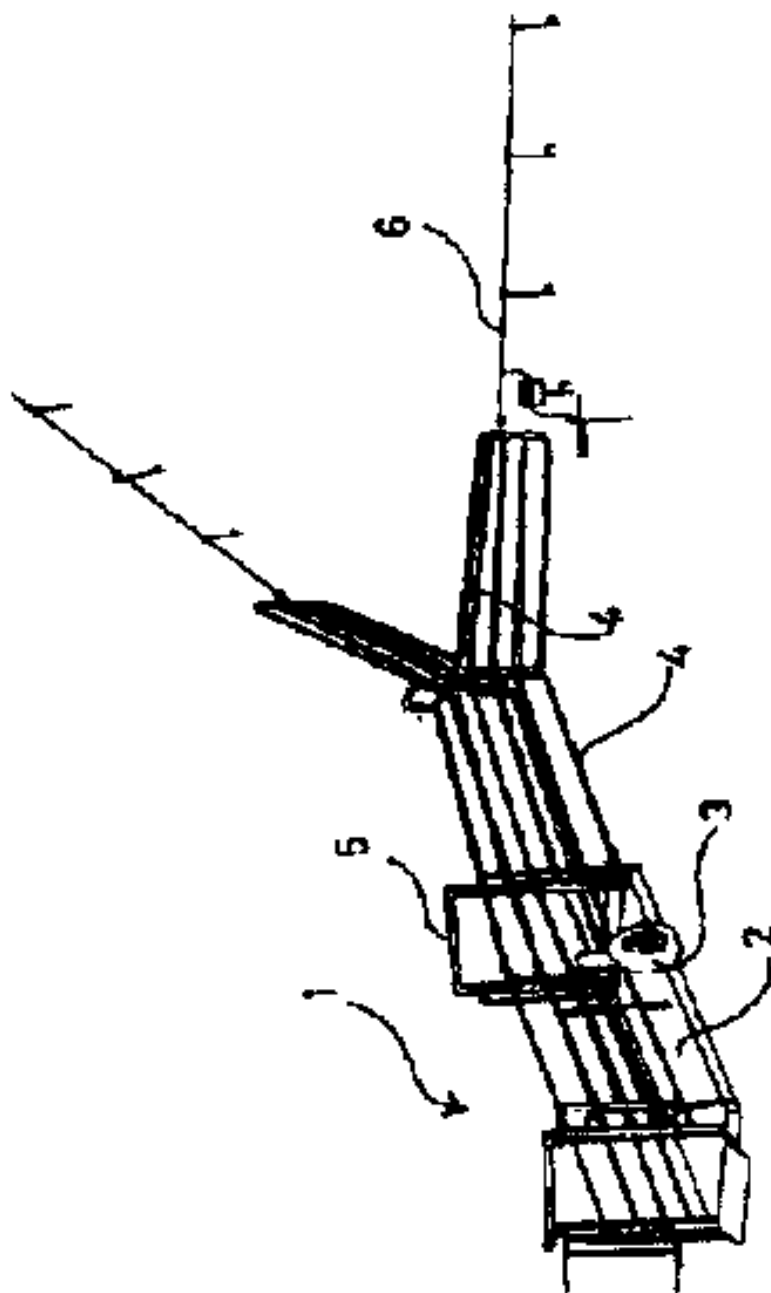
(JP04278034)

PURPOSE: To obtain the subject equipment, having a liftable and lowerable chute part and wheels, movable to a place for controlling livestock and capable of realizing remarkable labor saving of livestock control at a low cost due to the easily groundable chute part at the time of driving in operation.

CONSTITUTION: The objective equipment is **fence** equipment provided with a driving in **fence** 1 having a liftable and lowerable chute part 2 and wheels 3 and constructed as follows. The driving in **fence** 1 can be pulled, run and moved to a place for gathering livestock such as cattle group and the chute part 2 is freely grounded. The chute part 2 which is lifted in travel is placed on the ground surface at the time of driving in operation. When wing fences 4 capable of changing the shape of the chute part are connectedly installed in the driving in **fence** 1, the driving in operation is preferably facilitated.

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Images



Family 98/100 - FAMPAT - ©Questel

Title

(WO200018224)

Scaring device and bare **wire** for scaring device**Publication numbers**

JP3383645

AU1684800

WO00/18224

Publication dates

2003-03-04

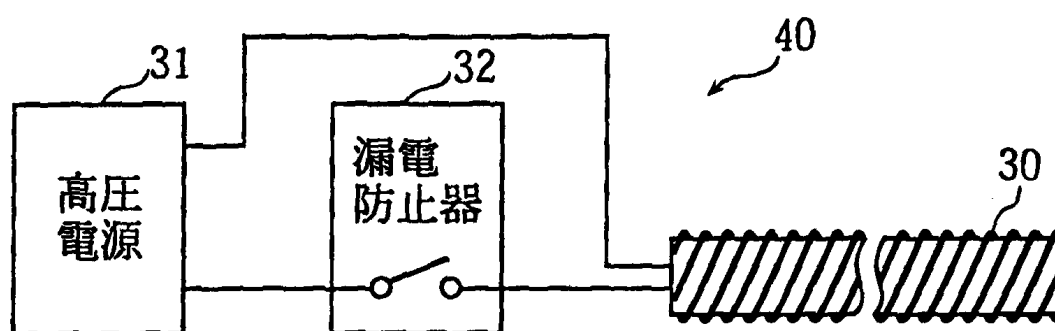
2000-04-17

2000-04-06

Abstract

(WO00/18224)

An **electric**-shock type scaring device capable of scaring away injurious birds and beasts more positively, comprising a rod-shaped bare **electric wire** (30), a high-voltage power supply (31) for applying high voltage to the **wire** and a short-circuit preventing unit (32) for preventing a short-circuit due to rain, the rod-shaped bare **electric wire** (30) being formed by winding a tape-shaped bare **electric wire** (20) spirally around a rod-shaped core such as a pole (21), the tape-shaped bare **electric wire** (20) being formed by laying and fixing two bare conductors (11a, 11b) in a rail form on the front surface of an insulating tape (10) having triangular projections (10b, 10c).

Images

31 ... HIGH-VOLTAGE POWER SUPPLY

32 ... SHORT-CIRCUIT PREVENTING UNIT

Family 99/100 - FAMPAT - ©Questel

Title

(GB2445753)

Post insertion and fencing apparatus

Publication numbers

GB2445753

GB2445753

GB0700848

Publication dates

2009-11-04

2008-07-23

2007-02-21

Abstract

(GB0700848)

A post insertion device 10 comprises a holder 16 for holding posts horizontally, a post insertion assembly 20 having a guide 22 for keeping posts vertically orientated whilst being inserted, a post delivery system 18 having a post delivery member moveable between the holder 16 for post retrieval and the guide of the post insertion assembly 20 for post delivery. The apparatus is suitable for mounting on a vehicle, in particular on the front of a tractor 2. Posts are preferably driven into the ground by a gravity assisted hammer. Posts are preferably delivered into and from the post delivery assembly by gravity and rotated whilst therein by paired wheels. A trigger mechanism preferably operates automatically to release posts from the delivery assembly. The guide member preferably comprises a pair of moveable clamp members having interdigitating fingers. A reel assembly 24 may be provided to hold a reel 26 of **wire** mesh, means are provided for automatic mesh dispensing and tensioning. The system preferably operates via the tractor hydraulics.

Images

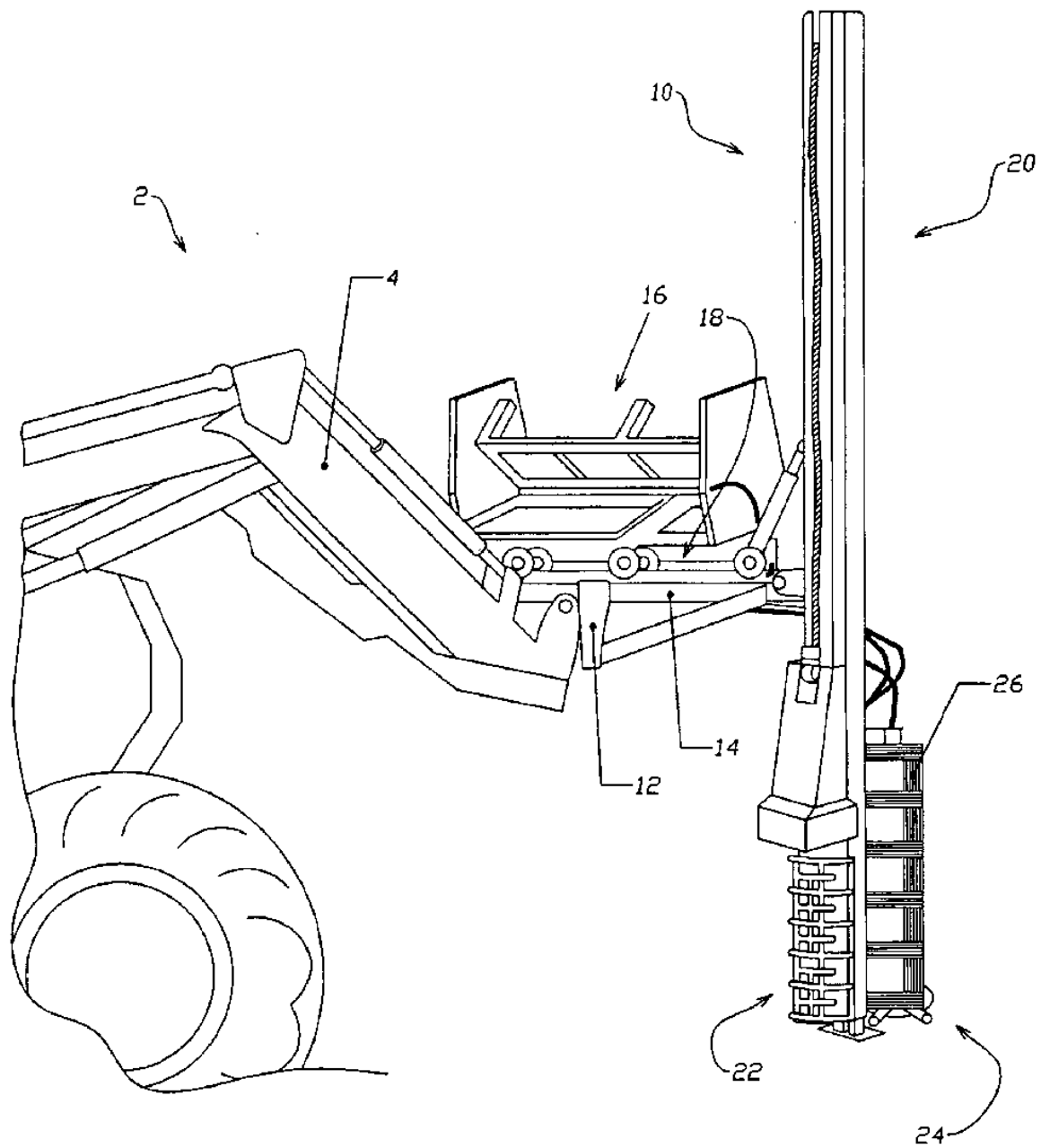


Figure 1.

Family 100/100 - FAMPAT - ©Questel

Title

(CN206976771U)

Cyclic annular pendant is used to load along alloy **wire** slides**Publication numbers**

CN206976771

Publication dates

2018-02-06

Abstract

(CN206976771)

The utility model provides a load that the alloy **wire** passed the **insulator** can be followed and cyclic annular pendant is used, card line block is horizontal shuttle form, and the lower part is along being amputated rather than axis same direction, and it has a circular slot and the notch with card line block axis syntropy downward to open on calorie line block excision face, and slide pad sets up in this circular slot and laminates with the cell wall, a curved bar is stretched out down respectively to the both sides slant in card line block length direction's middle part, this two curved barscoplane and perpendicular with calorie line block axis, and just one side curved bar and second curved bar pass through hinge cross cross connection, and two aforementioned curved bars, card line block excision face and second curved bar form with notch on one side of the hinge cyclic annular, makes the breach be the trend of reducing through the pressure spring, brush holder fixes in second curved bar bottom below, and the brush hinges on brush holder, is equipped with the torsional spring and makes **electric** brushhead portion have the gravity of the overcoming pivoted trend that makes progress on the articulated shaft. This scheme has reduced coefficient of friction, reduces the load of unit contact surface, avoids the contact surface design to derail for oval groove, conveniently gets through the brush.

Images