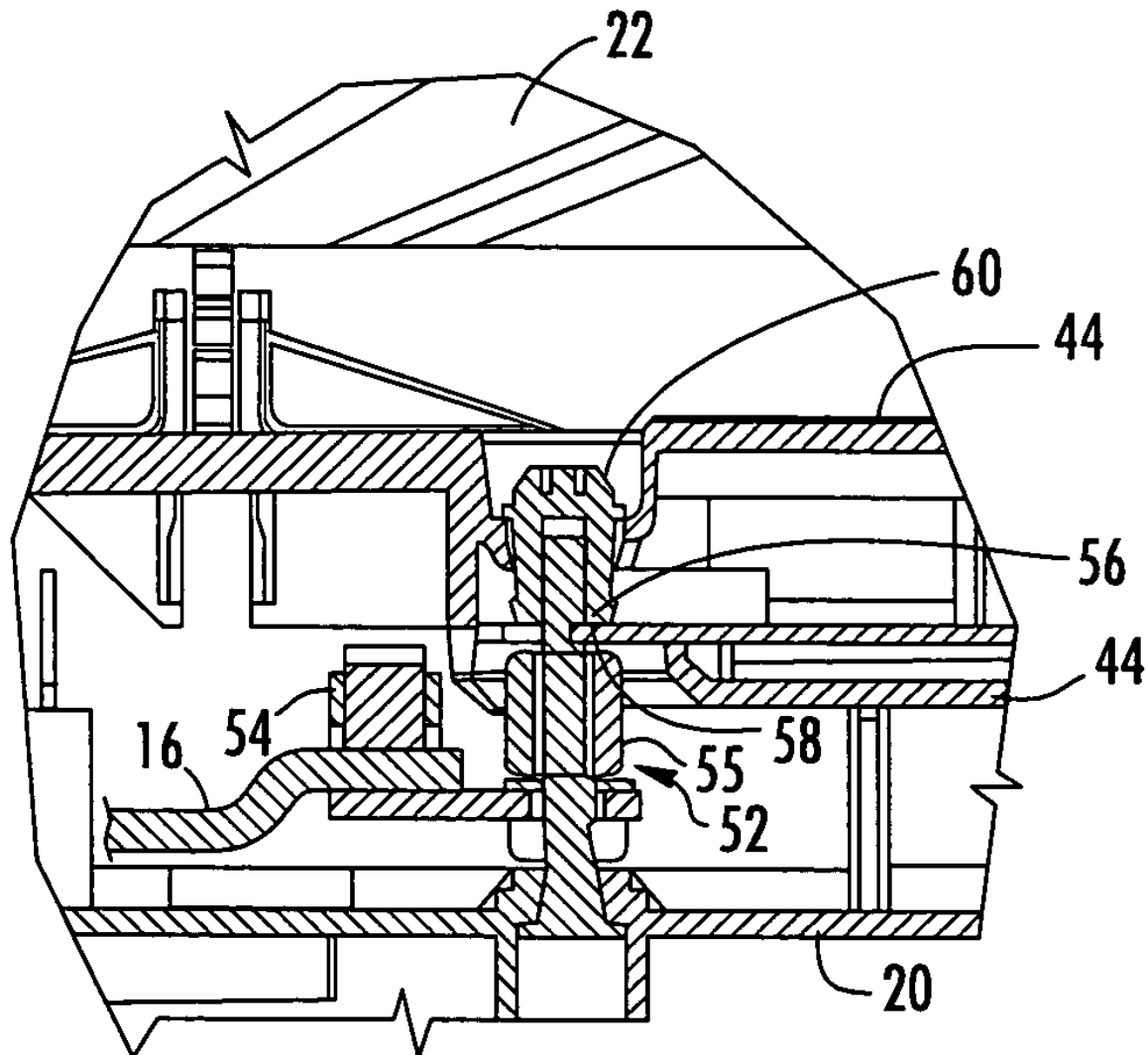


25 Documents

Publication numbers	Title	Current assignees
US20070272440 A1	Enclosure for housing communications equipment	CORNING OPTICAL COMMUNICATIONS
US20070192817 A1	Fiber distribution hub with outside accessible grounding terminals	COMMSCOPE TECHNOLOGIES
CA2360705 A1	Low profile optical fibre network interface enclosure	COMMSCOPE TECHNOLOGIES
US20110052133 A1	Fiber organizer tray and telecommunications enclosure	3M INNOVATIVE PROPERTIES
CN207249215U U	Method for high voltage transmission line fiber optic cable switching box	YI MICROELECTRONICS TECHNOLOGY DEVELOPMENT
CN202404283U U	Corridor optical splitter box used for accessing triple-play optical fiber to residential district	SHANGHAI POSTS & TELECOMM DESIGNING CONSULTING INSTITUTE, ...
WO201096500 A2	Fiber management shelf having removable door, push-push fastening elements, stackable side retainer rings and reduced profile front retainer rings	COMMSCOPE
CA2748602 A1	Integrated distribution enabling access apparatus	AFL TELECOMMUNICATIONS
US20140355945 A1	Integrated distribution enabling access apparatus	AFL TELECOMMUNICATIONS
CN207232453U U	Fiber optic cable distribution box	SICHUAN DAYA HANG SHUN COMMUNICATION TECHNOLOGY
CN201758431U U	Household triple-play optical fiber distribution message box	HEBEI YANG DAY COMM TECHNOLOGY
CN203535286U U	Electric optical cable joint box	STATE GRID CORPORATION OF CHINA (SGCC), ...
CN204855892U U	Case is synthesized to photoelectricity for cable tunnel	WUHAN NEW ENERGY TECHNOLOGY DEVELOPMENT
US20160097907 A1	Optical fiber management	CLEARFIELD
CN104142549 A	Electric power communicating equipment box	STATE GRID SHANDONG QIHE POWER SUPPLY
CN204732810U U	Photoelectricity distribution case for electricity distribution room	WUHAN NEW ENERGY TECHNOLOGY DEVELOPMENT

Publication numbers	Title	Current assignees
CN207488536U U	Heat-shrinkable fiber protection sleeve self-heating furnace	NANJING DVP O E TECHNOLOGY
CN107561661 A	Safe and reliable optical fiber distribution box device having dedusting function	PING BUQING
CN202421580U U	Rotary optical fiber distribution frame	NINGBO ABN COMM
CN206558993U U	Low -voltage wire inlet case	KUNMING TIANJING ELECTRIC POWER EQUIPMENT
US20110190662 A1	Endoscopic ultrasound-guided biliary access system	BEACON ENDOSCIPIC, ...
US20160279388 A1	Fluid-expandable body articulation of catheters and other flexible structures	PROJECT MORAY
CN203617575U U	Reversible power distribution unit structural body	SHENZHEN KEXIN COMM TECHNOLOGY
WO200848688 A2	Optical surgical device and methods of use	FEMSUITE
CN205429486U U	Power communication equipment box convenient to overhaul	STATE GRID CORPORATION OF CHINA (SGCC), ...



US2007272440	A1	2007-11-29	US20070272440
WO2007139822	A2	2007-12-06	WO2007139822
CA2652817	A1	2007-12-06	CA2652817
AU2007267992	A1	2007-12-06	AU2007267992
WO2007139822	A3	2008-08-28	WO2007139822
EP2020166	A2	2009-02-04	EP2020166
US7619160	B2	2009-11-17	US7619160
AU2007267992	B2	2011-07-28	AU2007267992
EP2020166	B1	2011-10-12	EP2020166
AT528977	T	2011-10-15	ATE528977
CA2652817	C	2017-02-14	CA2652817



An enclosure for **housing** communications equipment at subscriber premises includes at least one cable port for receiving service provider cable, a subscriber cable, and ground cable. The enclosure further includes **housing** having base and outer cover movably attached to base between opened position and closed position to define **housing** interior volume when outer

cover is in closed position. A grounding post extends from base within the **housing** interior volume and is electrically connectable with ground cable. Active electronic components located in the **housing** interior volume connect service provider cable with subscriber cable. Service provider security nut attachable to the grounding post both fixes the active electronic components within the **housing** and grounds active electronic components to grounding post and ground cable. The active electronic components may be mounted to movable inner cover and outer cover may include skirt extending in first direction to obscure cable ports, mounting feet, and hinges.

Inventors

GRUNWALD BRAD N

KEENUM JOHN A

Latest standardized assignees - inventors removed

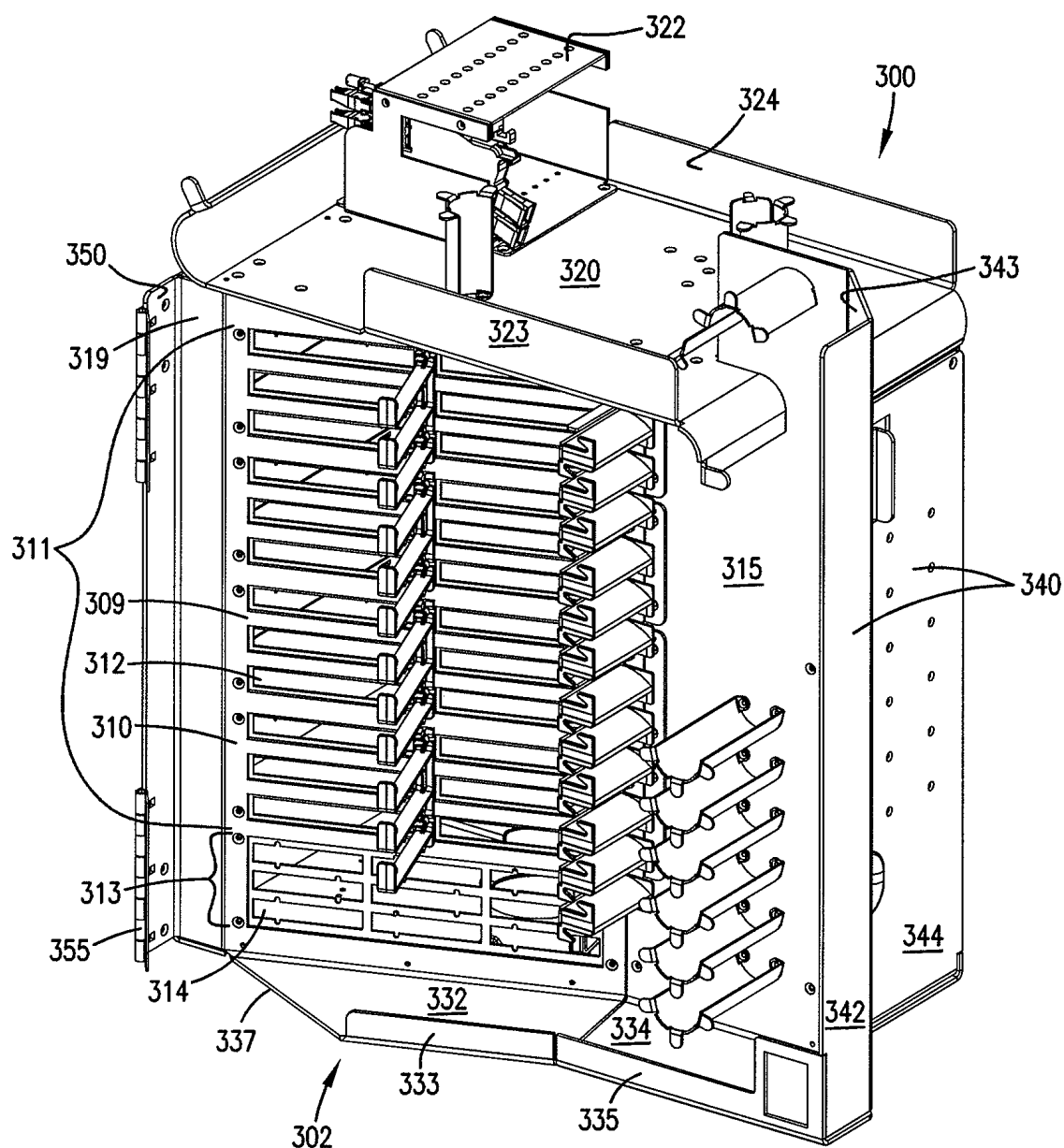
CORNING OPTICAL COMMUNICATIONS

Family 2/25 - FAMPAT - ©Questel

Title

(EP1987385)

Fiber distribution hub with outside accessible grounding terminals

Images

US2007192817	A1	2007-08-16	US20070192817				
US2007189691	A1	2007-08-16	US20070189691				
WO2007095037	A2	2007-08-23	WO200795037				
WO2007095029	A2	2007-08-23	WO200795029				
AU2007215422	A1	2007-08-23	AU2007215422				
AU2007215414	A1	2007-08-23	AU2007215414				
WO2007095029	A3	2007-10-11	WO200795029				
TW200739157	A	2007-10-16	TW200739157				
WO2007095037	A3	2007-11-01	WO200795037				
TW200745649	A	2007-12-16	TW200745649				
MX2008009515	A	2008-09-12	MX2008009515				
KR20080094830	A	2008-10-24	KR20080094830				
EP1987385	A2	2008-11-05	EP1987385				
EP1987384	A2	2008-11-05	EP1987384				
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IN3150/KOLNP/2008	A	2009-02-13	IN2008KN03150				
IN3144/KOLNP/2008	A	2009-02-13	IN2008KN03144				
CN101384937	A	2009-03-11	CN101384937				
CN101384936	A	2009-03-11	CN101384936				
JP2009527006	A	2009-07-23	JP2009527006				
JP2009527005	A	2009-07-23	JP2009527005				
US7720343	B2	2010-05-18	US7720343				
US7816602	B2	2010-10-19	US7816602				
BRPI0707783	A2	2011-05-10	BR200707783				
BRPI0707783	A2	2011-05-10	BRPI0707783				
BRPI0707732	A2	2011-05-10	BR200707732				
BRPI0707732	A2	2011-05-10	BRPI0707732				
US2011123165	A1	2011-05-26	US20110123165				
US2011242735	A1	2011-10-06	US20110242735				
EP1987385	B1	2011-12-07	EP1987385				
AT536562	T	2011-12-15	ATE536562				
US8121458	B2	2012-02-21	US8121458				
AU2007215422	B2	2012-03-15	AU2007215422				
CN101384937	B	2012-04-25	CN101384937B				
AU2007215414	B2	2012-08-02	AU2007215414				
US8263861	B2	2012-09-11	US8263861				
CN101384936	B	2012-11-14	CN101384936B				
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US8569618	B2	2013-10-29	US8569618				
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TWI432808	B	2014-04-01	TWI432808				
US2014126870	A1	2014-05-08	US20140126870				
KR101397280	B1	2014-05-20	KR101397280				
TWI444684	B	2014-07-11	TWI444684				
IN278161	B	2016-12-16	IN-278161				
US9678292	B2	2017-06-13	US9678292				
US2017343755	A1	2017-11-30	US20170343755				

(EP1987385)

The present disclosure relates to a telecommunications distribution hub having a cabinet that defines a primary compartment. The cabinet also includes one or more main doors for accessing the primary compartment. Telecommunications equipment is mounted within the primary compartment. The distribution hub further includes a secondary compartment that can be accessed from an exterior of the cabinet without accessing the primary compartment. A grounding interface is accessible from within the secondary compartment.

Inventors

BECK RONALD A

ZABEL JOSHUA A

ANDERSON STEVE

LANDRY EDWARD T

STANDISH CRAIG M

Latest standardized assignees - inventors removed

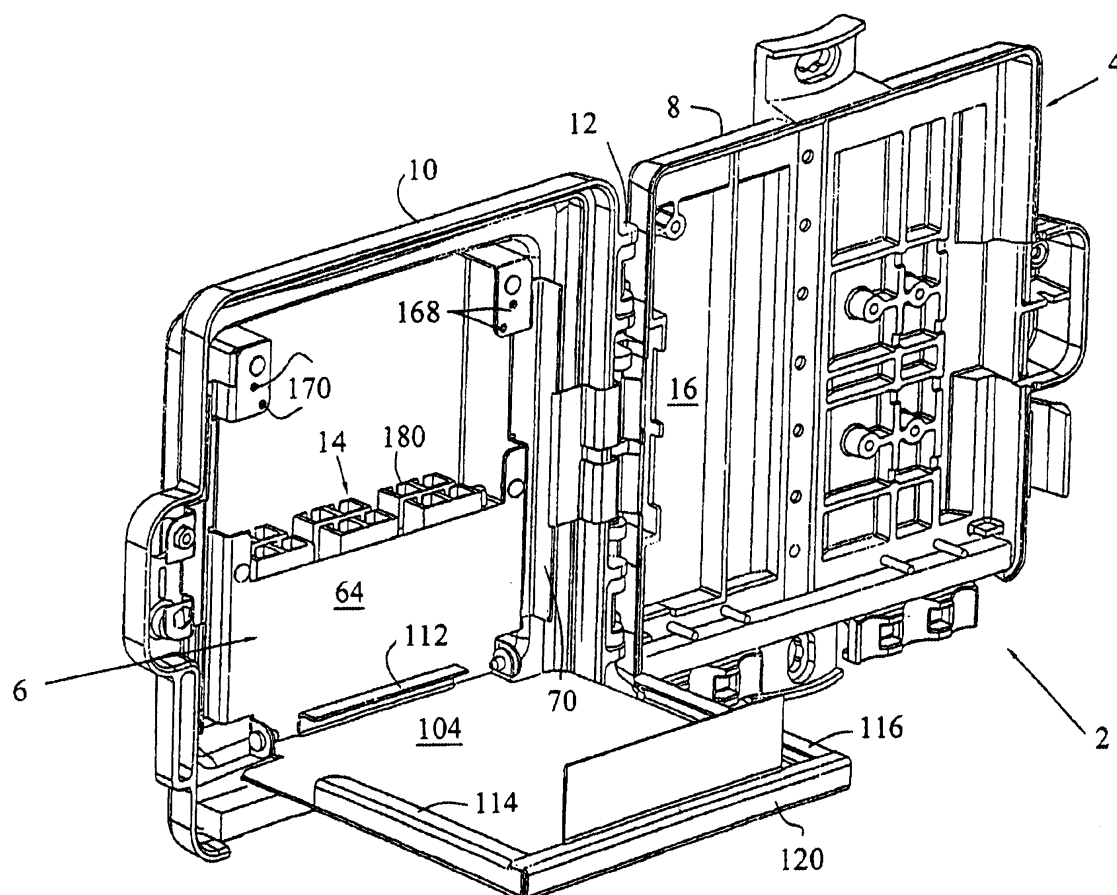
COMMSCOPE TECHNOLOGIES

Family 3/25 - FAMPAT - ©Questel

Title

(EP1203974)

Low profile optical fibre network interface enclosure

Images**Publication data including kind & date**

CA2360705	A1	2002-05-01	CA2360705
EP1203974	A2	2002-05-08	EP1203974
US6661961	B1	2003-12-09	US6661961
EP1203974	A3	2004-06-09	EP1203974
EP1203974	B1	2006-02-01	EP1203974



AT317132	T	2006-02-15	ATE317132
DE60116952	D1	2006-04-13	DE60116952
DK1203974	T3	2006-05-15	DK1203974T
ES2256156	T3	2006-07-16	ES2256156
DE60116952	T2	2006-09-21	DE60116952



Abstract

(EP1203974)

A low profile fibre network interface device (2) includes a housing enclosure (4) having a front cover (10) hinged to a rear fixed housing portion (8). An inner connection divider wall (6) is also hingedly fixed to the enclosure which is rotatable between a position which the divider wall lies against the fixed housing portion, and to an open position where it lies adjacent to the open cover. The divider wall (6) also includes an interface wall including a plurality of fibre optic connector headers (14) whereby one side is accessible only from the back side of the divider wall, whereas the other header is accessible from the front of the divider wall. In this manner, when the divider wall is locked in the closed position, users cannot access the opposite side which is dedicated to the telecom service. <IMAGE>

Inventors

ALLEN BARRY W

DENOVICH SAM

DORIAN ROBERT E

Latest standardized assignees - inventors removed

COMMSCOPE TECHNOLOGIES

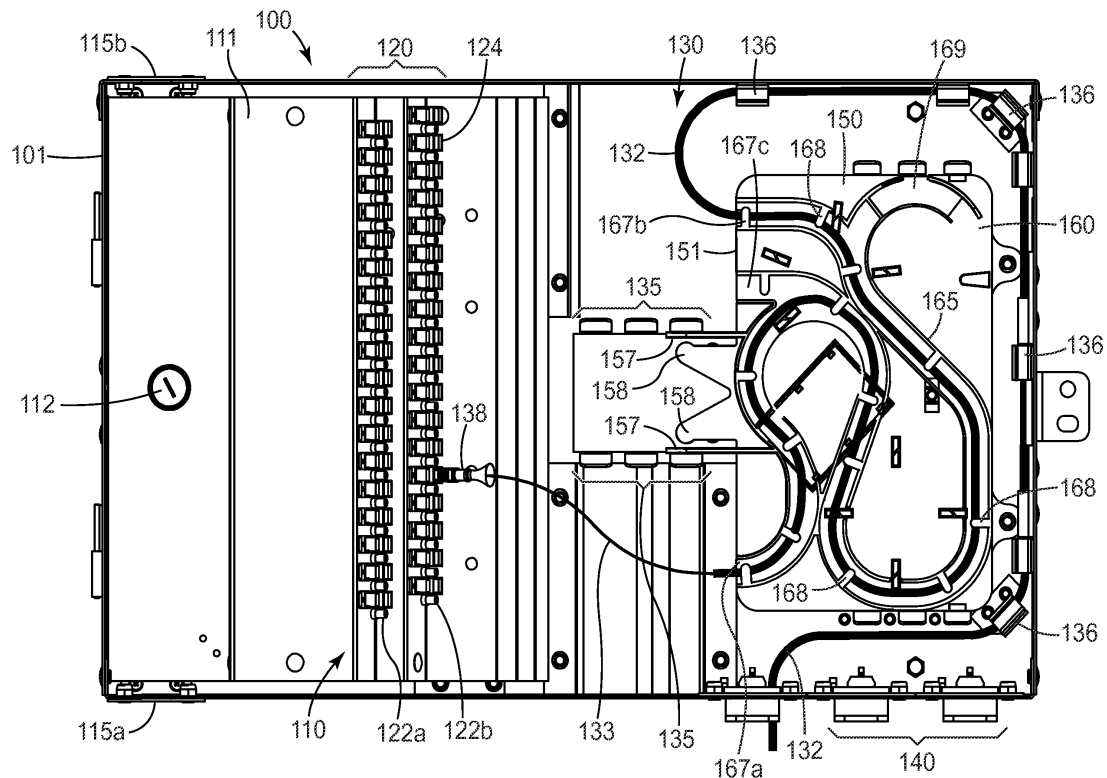
Family 4/25 - FAMPAT - ©Questel

Title

(US20110052133)

Fiber organizer tray and telecommunications enclosure

Images



[US2011052133](#)

A1 2011-03-03 US20110052133

**Abstract**

(US20110052133)

A fiber organizer tray comprises a generally rectangular or oblong body having a first side and an opposite second side. The first side is configured to route and provide slack storage for a plurality of jacketed cables. The first side includes a winding cable guide that routes multiple jacketed cables a predetermined distance in a manner in which the multiple jacketed cables do not cross over themselves and do not experience a cable bend that violates a minimum bend radius of an optical fiber portion of the jacketed cable. The second side of the organizer tray is configured to route and splice a plurality of the drop cables to a plurality of optical fiber pigtails. The fiber organizer tray can be implemented in a telecommunication enclosure having a distribution management unit and a jacketed cable management unit disposed therein. The telecommunication enclosure can be configured as a fiber distribution terminal (FDT) for managing telecommunication lines, especially optical fiber telecommunication lines, in a building, such as an MDU or other location.

Inventors

SIMMONS RICHARD L

VAN ALLEN JOSEPH M

ZOSS JEREMY K

NAVE JASON C

Latest standardized assignees - inventors removed

3M INNOVATIVE PROPERTIES

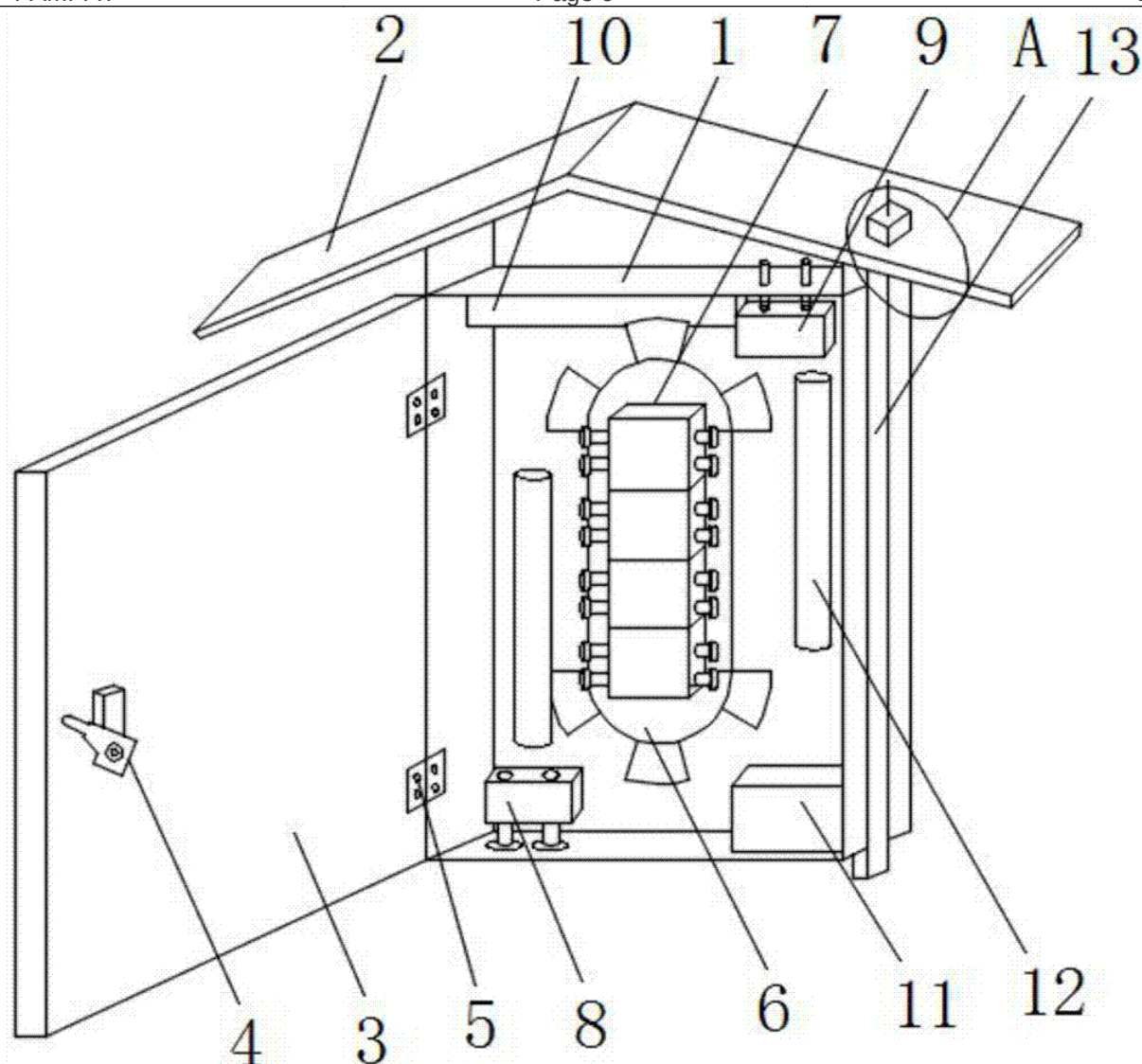
Family 5/25 - FAMPAT - ©Questel

Title

(CN207249215U)

Method for high voltage transmission line fiber optic cable switching box

Images

**Publication data including kind & date**

CN207249215

U

2018-04-17

CN207249215U

**Abstract**

(CN207249215U)

The present utility model relates to the technical field of fiber optic cable switching box, particularly a fiber optic cable for high voltage transmission line of the switching box, an AND coupler comprises an insulative **housing**, an outer insulating **housing** is provided above the shield, the inner side of the insulative **housing** is fixedly attached to the middle coupler mounting plate, a lower end movably mounted outside of the first car coupler number two couplers, the center of the lower outer end of the third coupler movably mounted coupler, a low-pressure outlet tank outside of the optical fiber pigtail protection mechanisms provided on one end, the upper end of the ground structure arranged in the middle lightning conductor. The present utility model for high voltage transmission line fiber optic cable switching box, is provided with a shield, the lightning rod, a driver coupler, the center coupler to the third coupler, it is possible to prevent rain from entering the internal switching box, and is capable of weather protection against lightning strikes the lightning diverting cartridge, the coupler may be assembled and disassembled, to accommodate different operating conditions, resulting in better prospects for use.

Inventors

WANG YATAO

WANG GUANLIN

WANG WEIJI

Latest standardized assignees - inventors removed

YI MICROELECTRONICS TECHNOLOGY DEVELOPMENT

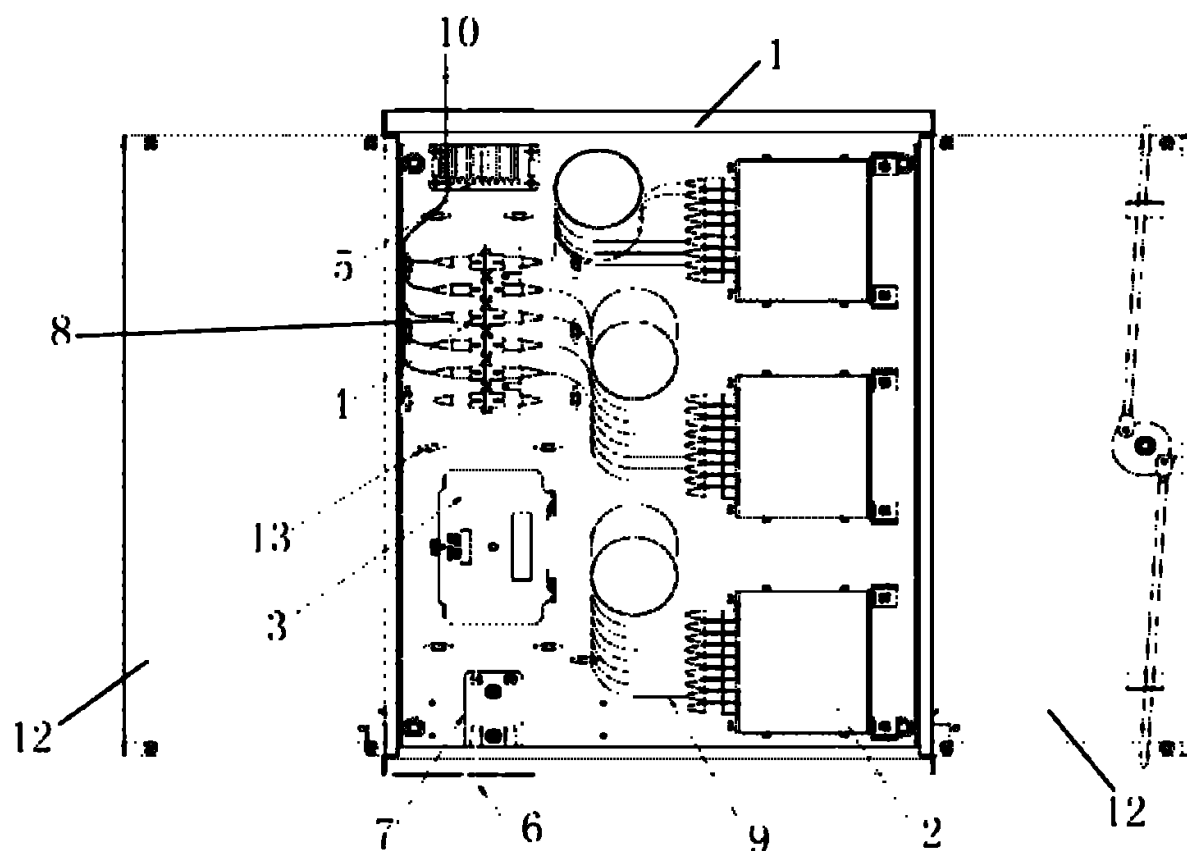
Family 6/25 - FAMPAT - ©Questel

Title

(CN202404283U)

Corridor optical splitter box used for accessing triple-play optical fiber to residential district

Images



Publication data including kind & date

CN202404283

U

2012-08-29

CN202404283U



Abstract

(CN202404283U)

A corridor optical splitter box used for accessing a triple-play optical fiber to a residential district comprises a box body; wherein, an optical cable fusion splice box, an adapter parking plate, a rubber-covered optical cable fixing plate, and at least three optical cable splitters are arranged in the box body; more than three optical cable adapters are fixed on the adapter parking plate; all the optical cable splitters are connected with tail fibers, the tail fibers are respectively connected with the optical cable adapters; the each optical cable splitter comprises a case, one side of the any one case is connected in the box body through a **hinge** or a turnover panel structure; the box body is provided with tail fiber winding plates therein, the number of the tail fiber winding plates is the same with the number of the optical cable splitters, the tail fibers between the optical cable splitters and the optical cable adapters are respectively stored on the tail fiber winding plates; and earthing copper plates are fixed on sidewalls of the box body. The corridor optical splitter box of the utility model has the beneficial effects that: the box body occupies small corridor space; by adopting the corridor optical splitter box, many communication service providers, such as China Telecom, China Mobile, China Unicom, and so on, can share one optical cable distribution network; and operation processes for fusion splicing, storage, and optical fiber splitting can be more convenient.

Inventors

JIAN LIU

SONGXIANG LIN

DING HU

CHUNGUANG ZHU

HU XU

Latest standardized assignees - inventors removed

SHANGHAI POSTS & TELECOMM DESIGNING CONSULTING INSTITUTE

SHANGHAI HONGPU COMM EQUIPMENT

Family 7/25 - FAMPAT - ©Questel

Title

(WO201096500)

Fiber management shelf having removable door, push-push fastening elements, stackable side retainer rings and reduced profile front retainer rings

Images

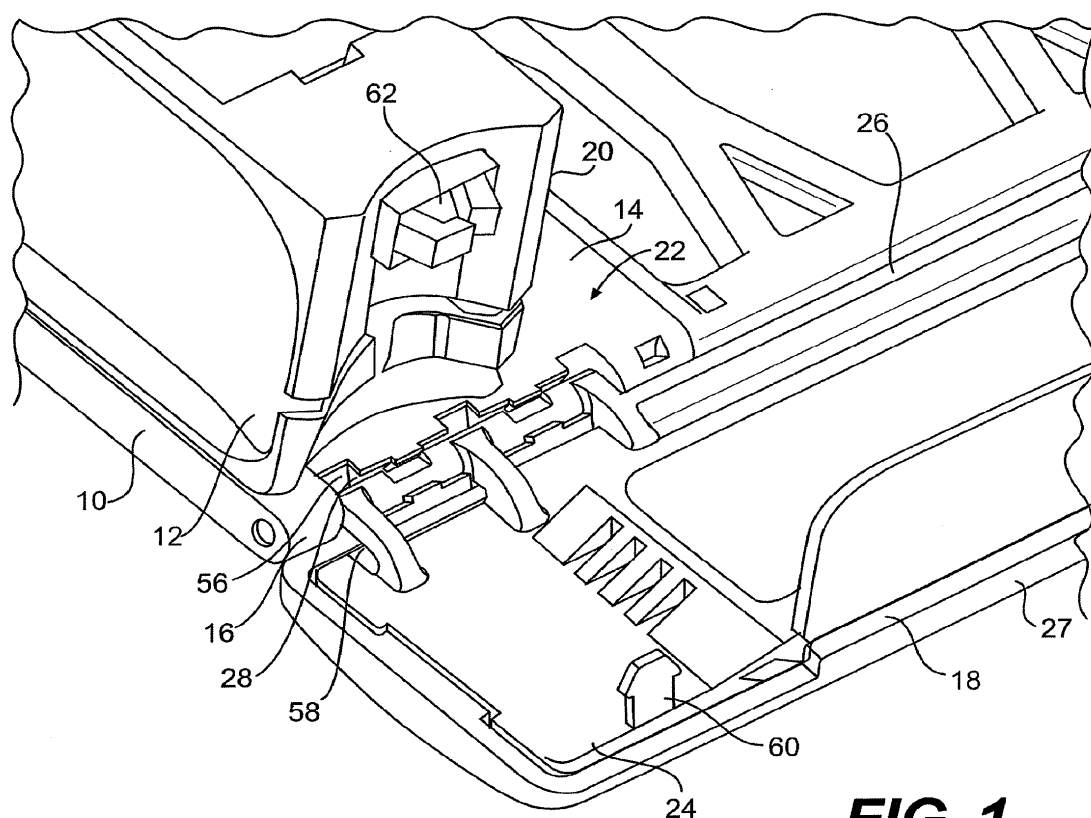


FIG. 1

Publication data including kind & date

WO2010096500	A2	2010-08-26	WO2010096500
WO2010096500	A3	2010-12-16	WO2010096500
GB201112435	D0	2011-08-31	GB201112435
GB2480023	A	2011-11-02	GB2480023
CN102326406	A	2012-01-18	CN102326406
DE112010002661	T5	2012-12-20	DE112010002661
DE112010004894	T5	2012-12-27	DE112010004894
DE112010004690	T5	2013-01-10	DE112010004690
CN103643847	A	2014-03-19	CN103643847
CN102326406	B	2014-12-24	CN102326406B
CN104533196	A	2015-04-22	CN104533196
GB2480023	B	2015-06-10	GB2480023
GB2480023	B8	2015-10-14	GB2480023
CN103643847	B	2016-08-24	CN103643847B
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DE112010002661	B4	2017-11-16	DE112010002661
DE112010004690	B4	2017-12-28	DE112010004690
DE112010004894	B4	2018-05-09	DE112010004894

**Abstract**

(WO201096500)

The present invention is directed to a fiber management shelf having a removable door, push-push fastening elements on the door, stackable side retainer rings and reduced profile front retainer rings.

Inventors

WOMACK WADE JAMES

RUIZ GIL

Latest standardized assignees - inventors removed

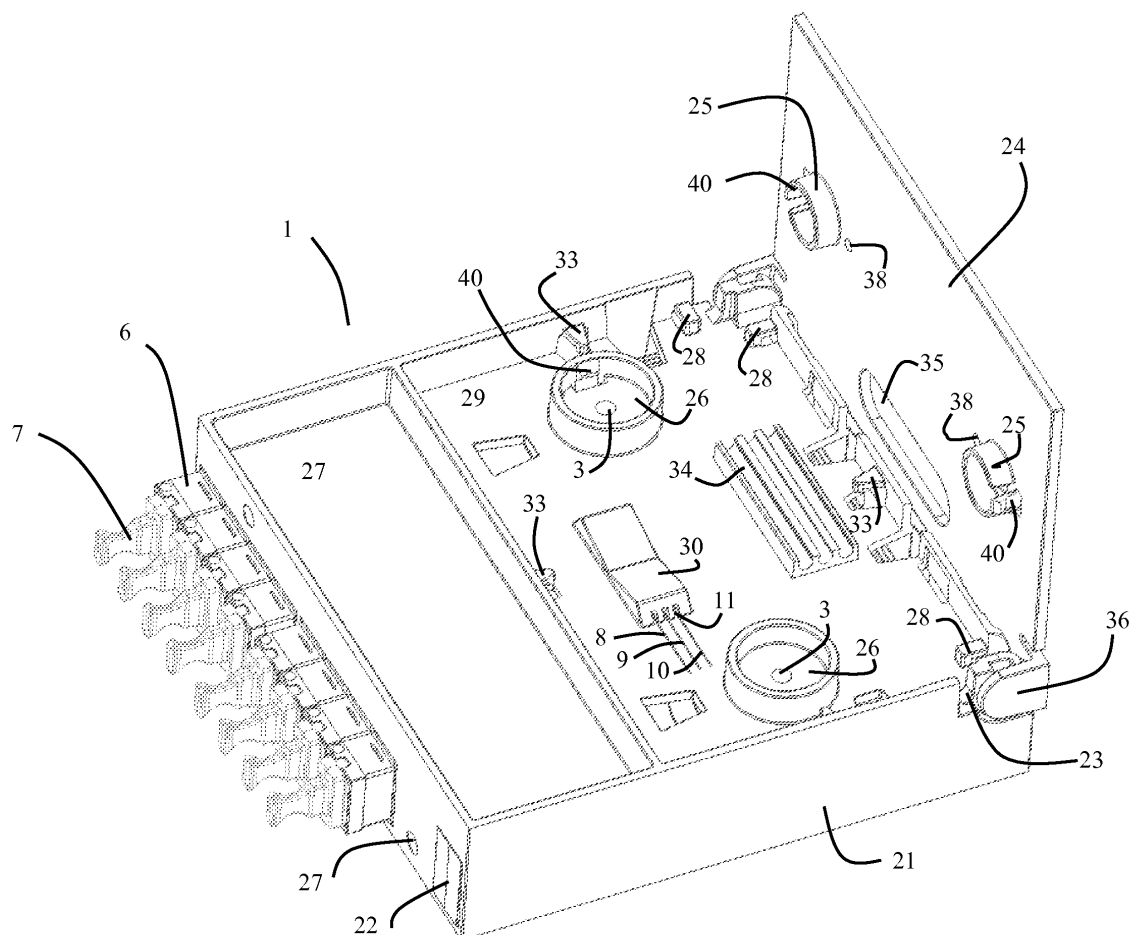
COMMSCOPE

Family 8/25 - FAMPAT - ©Questel

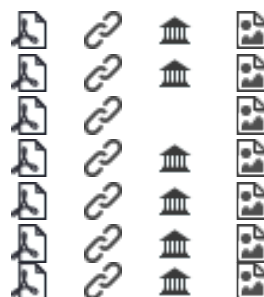
Title

(WO201194327)

Integrated distribution enabling access apparatus

Images**Publication data including kind & date**

CA2748602	A1	2011-07-26	CA2748602
WO2011094327	A1	2011-08-04	WO201194327
MX2011007119	A	2011-09-29	MX2011007119
US2011293235	A1	2011-12-01	US20110293235
US8886003	B2	2014-11-11	US8886003
US2016161694	A1	2016-06-09	US20160161694



CA2748602

C 2016-08-23 CA2748602

Abstract

(WO201194327)

An apparatus with a **housing** with a splitter compartment and a splicer compartment, a multiple fiber adapter attached to a wall of the **housing**, a multiple fiber connector connected to the multiple fiber adapter, an optical splitter in the splitter compartment of the **housing**, an input fiber optically connected to the optical splitter, and a plurality of output fibers optically connected to the optical splitter and the multiple fiber connector.

Inventors

NIEVES ANTHONY

COURCHAINÉ WILFRED

SENG KHENG HWA

JOHNSTON MATTHEW

Latest standardized assignees - inventors removed

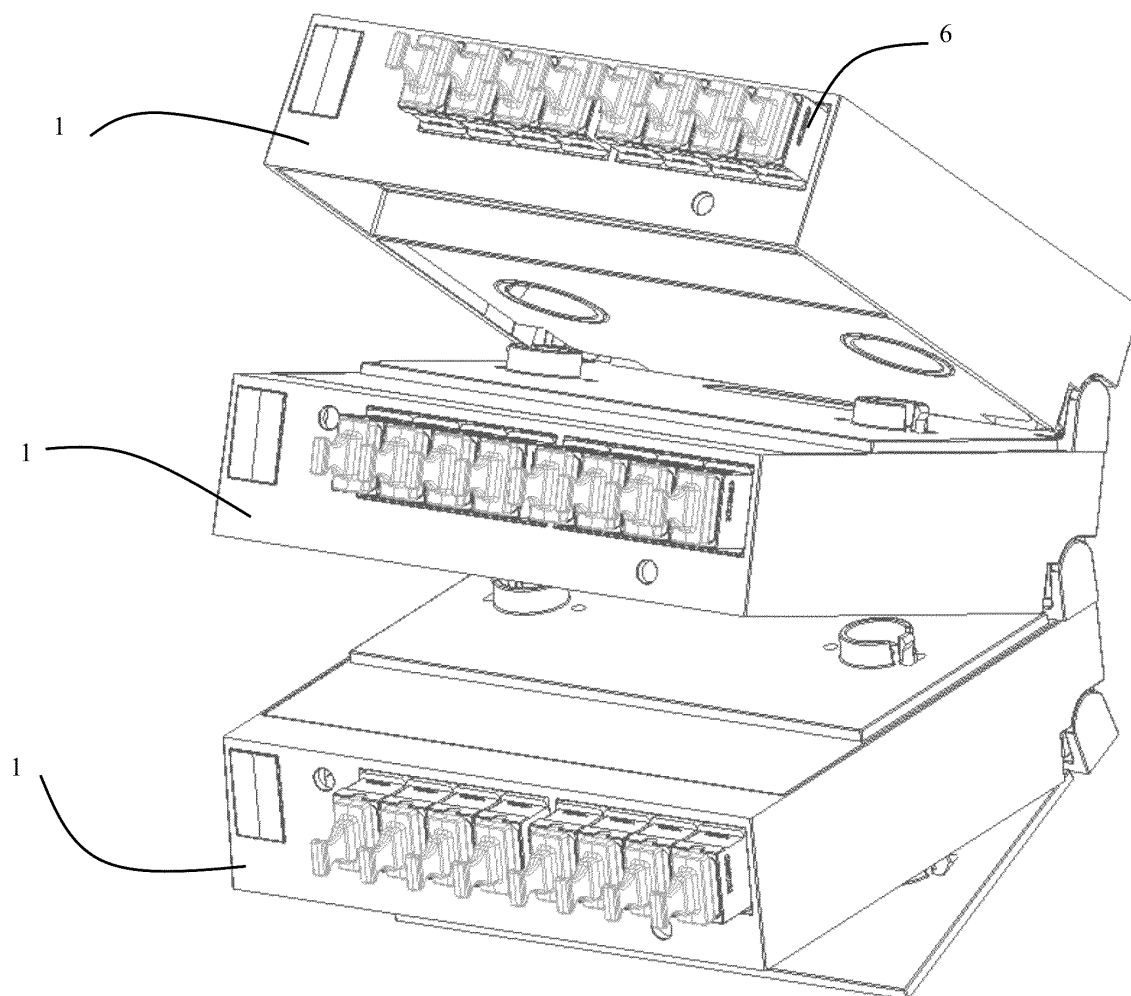
AFL TELECOMMUNICATIONS

Family 9/25 - FAMPAT - ©Questel

Title

(US9291787)

Integrated distribution enabling access apparatus

Images**Publication data including kind & date**

US2014355945

A1 2014-12-04

US20140355945

US9291787

B2 2016-03-22

US9291787



Abstract

(US9291787)

Provided is an apparatus including: a housing having a splitter compartment; a multiple fiber adapter attached to an exterior of a front housing wall of said housing; a multiple fiber connector connected to said multiple fiber adapter and disposed in an interior of the front housing wall of said housing; an optical splitter in said splitter compartment of said housing; an input fiber optically connected to said optical splitter; and a plurality of output fibers optically connected to said optical splitter and said multiple fiber connector, wherein the housing includes a hinge plate corresponding to a bottom housing wall perpendicular to the front housing wall of said housing in a closed state and mounted on a hinge affixed to said housing at an intersection between the bottom housing wall and a rear housing wall opposite from the front housing wall.

Inventors

NIEVES ANTHONY

COURCHAINE WILFRED

SENG KHENG HWA

JOHNSON MATTHEW

Latest standardized assignees - inventors removed

AFL TELECOMMUNICATIONS

Family 10/25 - FAMPAT - ©Questel

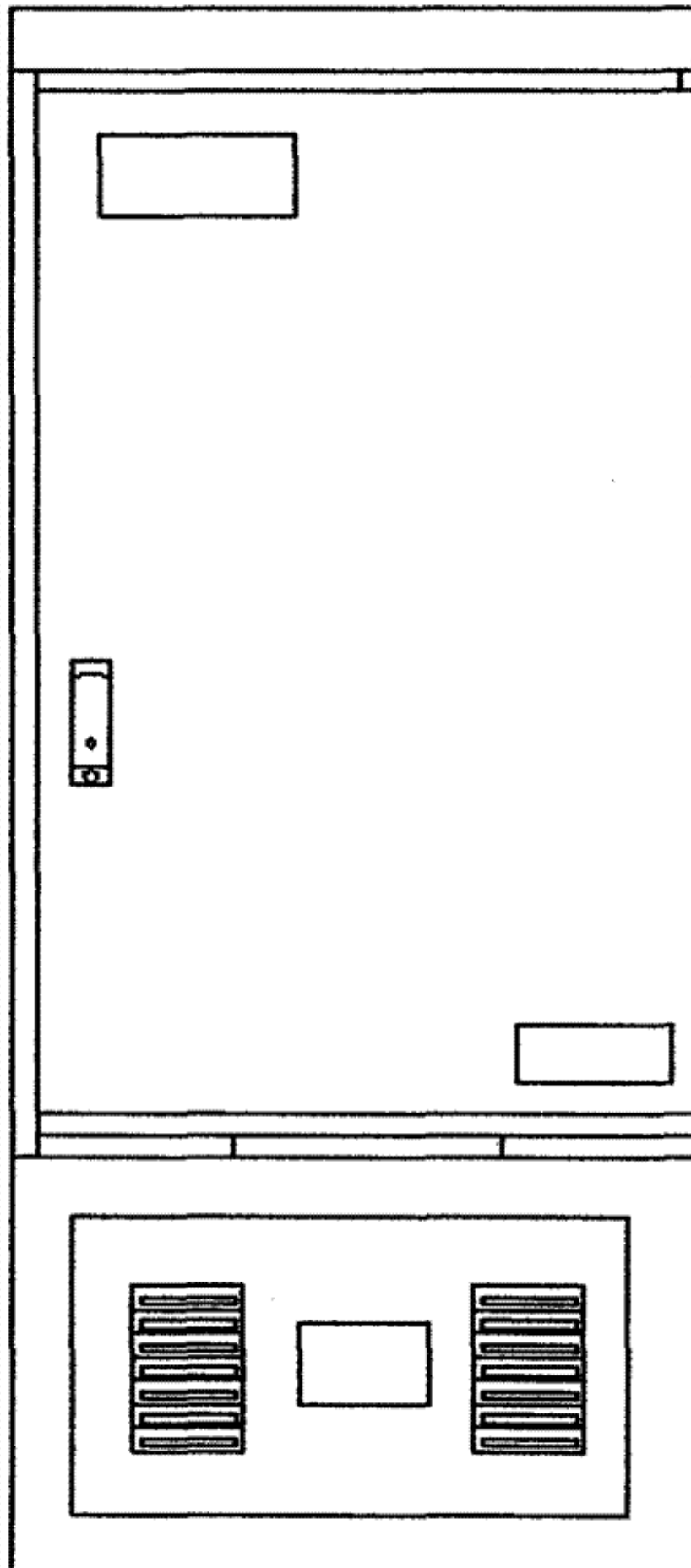
Title

(CN207232453U)

Fiber optic cable distribution box

Images

11



Publication data including kind & date

CN207232453

U 2018-04-13 CN207232453U

**Abstract**

(CN207232453U)

The present utility model provides a fiber optic cable distribution box, field belonging to the communication facility, may be a conventional cable distribution box, it is possible to be either cable distributing box. The cable interface housing includes a cabinet, cabinet having a door, cabinet also having side panels, the panels hinged to side panel; 1st 2nd vertical side plate includes a connecting plate connected to the connection board and, wherein the inside of the cabinet adjacent to the connecting plate 1st, 2nd door panel hinged to the connecting plate; plate includes an inner side of the stopper plate close to the cabinet; 2nd connecting plate is provided with a stopper mechanism, in turn limiting mechanism comprises a rod for articulation of 1st, 2nd 3rd rod body and a shank, 1st 2nd pole and the connecting plate is hinged. Such an optical cable distribution box, the door is opened, through limiting mechanism, so that it does not automatically shut-off, allow the operator to facilitate an unobstructed construction, ensure the smooth progress of the construction.

Inventors

CHANG ZELONG

SONG YONGGANG

Latest standardized assignees - inventors removed

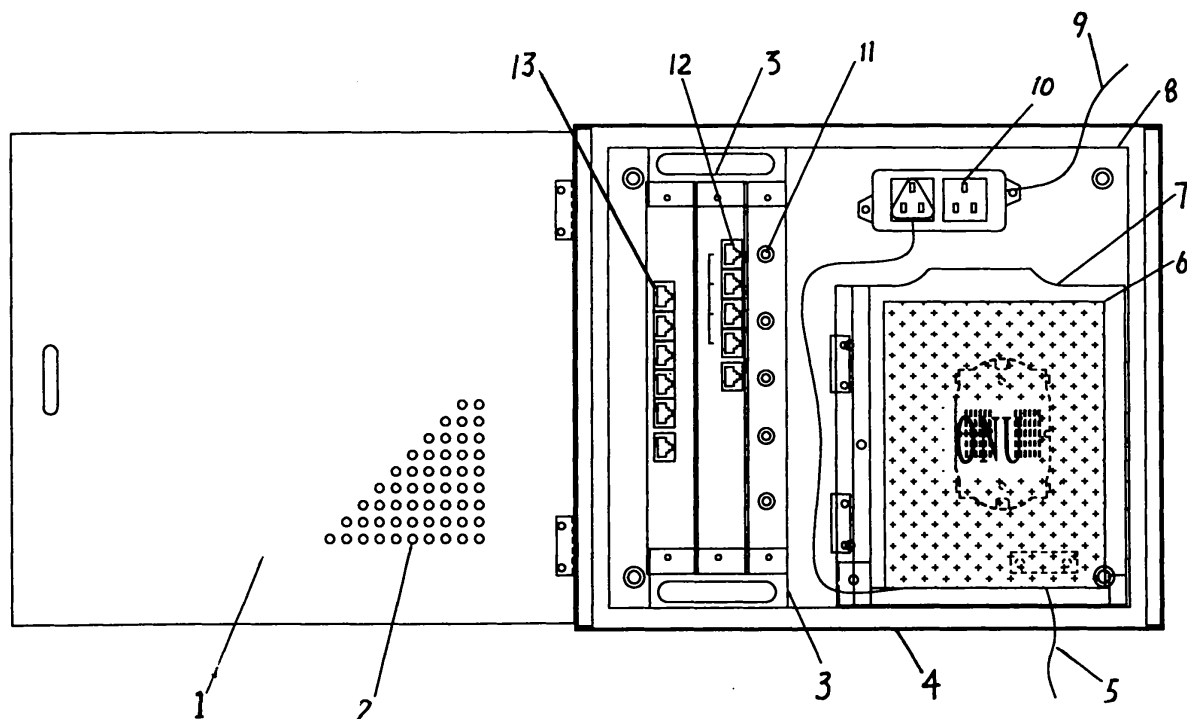
SICHUAN DAYA HANG SHUN COMMUNICATION TECHNOLOGY

Family 11/25 - FAMPAT - ©Questel

Title

(CN201758431U)

Household triple-play optical fiber distribution message box

Images**Publication data including kind & date**

CN201758431

U 2011-03-09 CN201758431U

**Abstract**

(CN201758431U)

The utility model discloses a household triple-play optical fiber distribution message box, which structurally comprises a box body. Improvement of the household triple-play optical fiber distribution message box includes that a detachable back plate is arranged inside the box body, an optical fiber ONU equipment area and a distribution area are arranged on the back

plate, an optical fiber fixing device and an optical fiber welding unit are arranged inside the optical fiber ONU equipment area of the back plate, a rotary frame for mounting ONU equipment is fixed into the optical fiber ONU equipment area by the aid of a **hinge** shaft, the ONU equipment are positioned in front of the optical fiber fixing device and the optical fiber welding unit, the optical fiber welding unit is connected with the ONU equipment by the aid of a tail fiber, a module support is arranged inside the distribution area, and a cable television module, an audio module and an internet wideband module are sequentially arranged on the module support and connected with the ONU equipment through signals. The household triple-play optical fiber distribution message box can be widely applied to the terminal of 'fiber to the home' communication engineering, and is applied to the places such as households in a residential district, villas, concentrated blocks, floors or departments, and office places, thereby solving the problem of speed attenuation of an existing network and effectively improving the network speed of user terminals.

Inventors

QINGHUA WANG

Latest standardized assignees - inventors removed

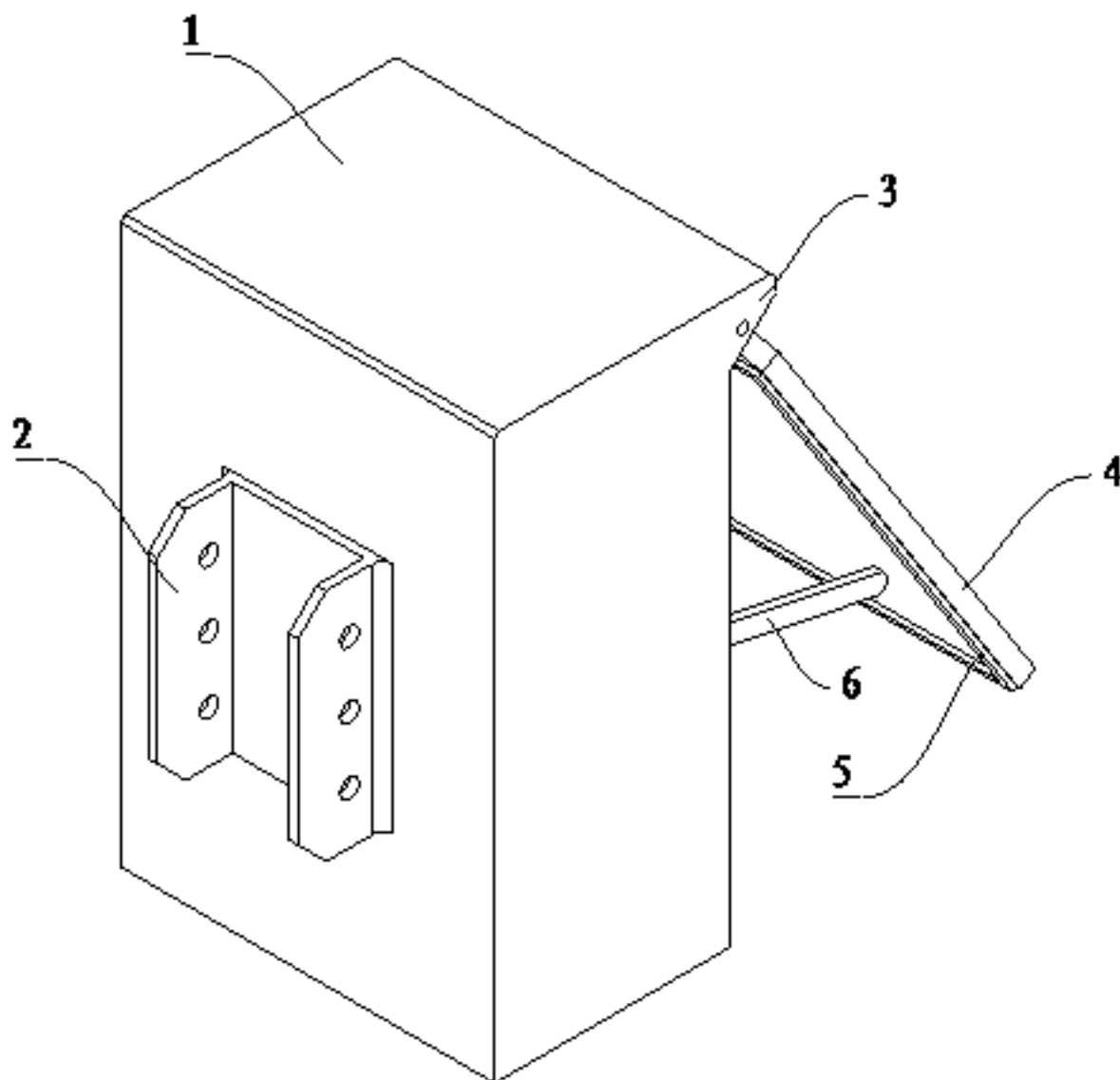
HEBEI YANG DAY COMM TECHNOLOGY

Family 12/25 - FAMPAT - ©Questel

Title

(CN203535286U)

Electric optical cable joint box

Images

CN203535286

U 2014-04-09 CN203535286U

Abstract

(CN203535286U)

The utility model discloses an electric optical cable joint box. The joint box comprises a square box body. An installation frame is arranged on the back side of the box body. An outer brim is arranged on the upper end of the front side of the box body. A box door is horizontally hinged below the outer brim of the box body. Sealing strips are arranged on the periphery of the inner side of the box door. Optical cable inlets are formed in the bottom part of the box body. An optical cable fixing splint is arranged above the optical cable inlets. A wiring welding plate is arranged above the optical cable fixing splint. Jump fiber redundant wire disks are arranged at the left side of the wiring welding plate. A tail fiber fixing member is arranged at the right side of the wiring welding plate. Jump fiber wiring grooves are arranged above the wiring welding plate. According to the utility model, the outer brim is arranged above the hinged position of the box door of the electric optical cable joint box for shielding, so that the intrusion of rainwater is effectively prevented; the maintenance of the optical cables can be carried out conveniently just by opening the box door; in addition, the box body structure of the joint box is provided with a relatively wide operation space, so that the operation of workers is convenient.

Inventors

HE TAO

ZHANG YE

MENG YU

Latest standardized assignees - inventors removed

STATE GRID CORPORATION OF CHINA (SGCC)

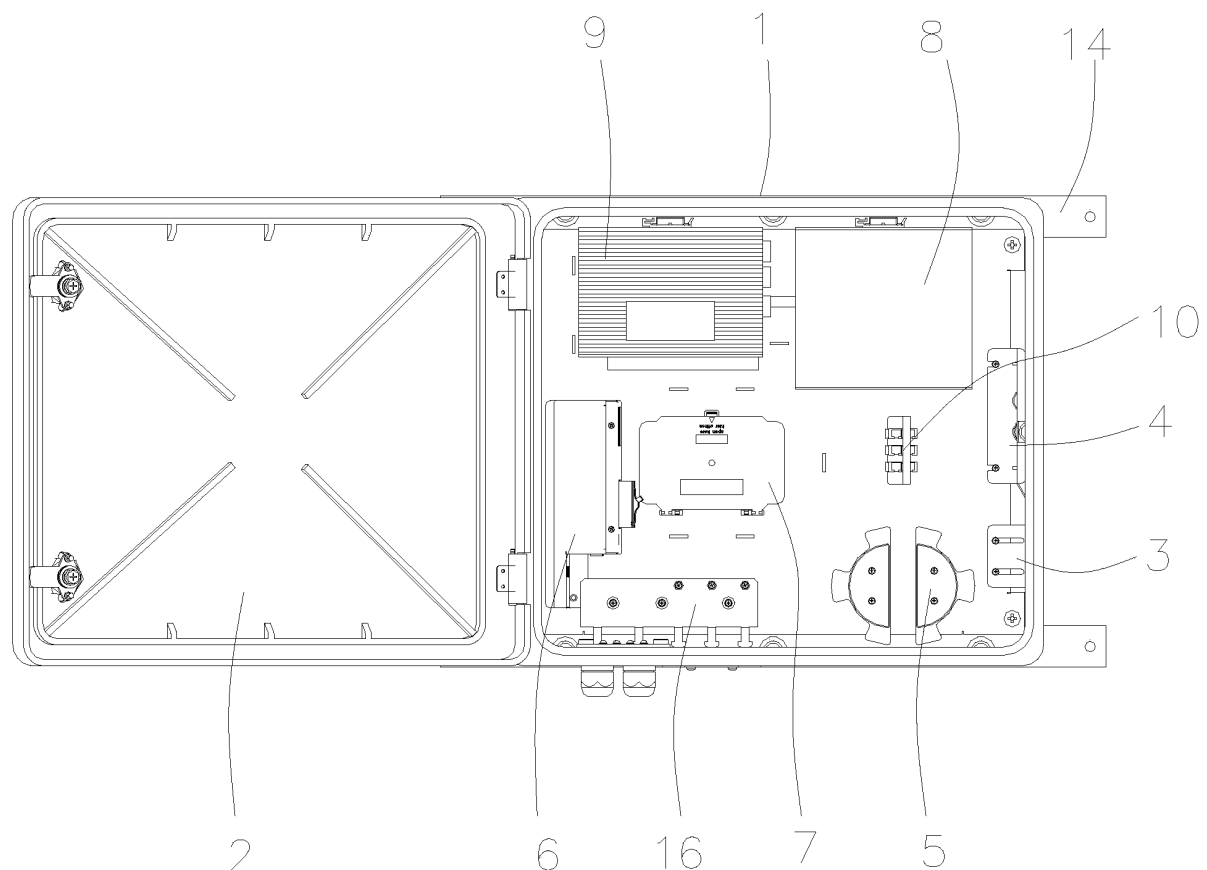
DEYANG POWER SUPPLY

Family 13/25 - FAMPAT - ©Questel

Title

(CN204855892U)

Case is synthesized to photoelectricity for cable tunnel

Images

Publication data including kind & date[CN204855892](#)

U 2015-12-09 CN204855892U

**Abstract**

(CN204855892U)

The utility model discloses a case is synthesized to photoelectricity for cable tunnel, including box and last case lid, it is articulated with the box to go up the case lid, the distribution case is synthesized for photoelectricity to the box, be equipped with optical cable business turn over line passageway, cable passage and signalling channel on the lateral wall of the comprehensive distribution case of photoelectricity, be equipped with the cable assembly who is used for the optical cable distribution, connects and save in the comprehensive distribution case of photoelectricity, install optical divider, power distribution unit, ONU equipment, switch, power adapter in the comprehensive distribution case of photoelectricity, optical divider with ONU equipment links to each other, power adapter connects power distribution unit, power adapter passes through the net twine and connects the wireless signal transceiver who sets up in the box outside, power distribution unit respectively with ONU equipment is connected with the exchange is electromechanical, ONU equipment with the switch both -way communication is connected. About 250 meters installations at the interval in the tunnel the utility model discloses and wireless transmitter, it all has radio signal in the whole piece tunnel to ensure.

Inventors

YU TAO

Latest standardized assignees - inventors removed

WUHAN NEW ENERGY TECHNOLOGY DEVELOPMENT

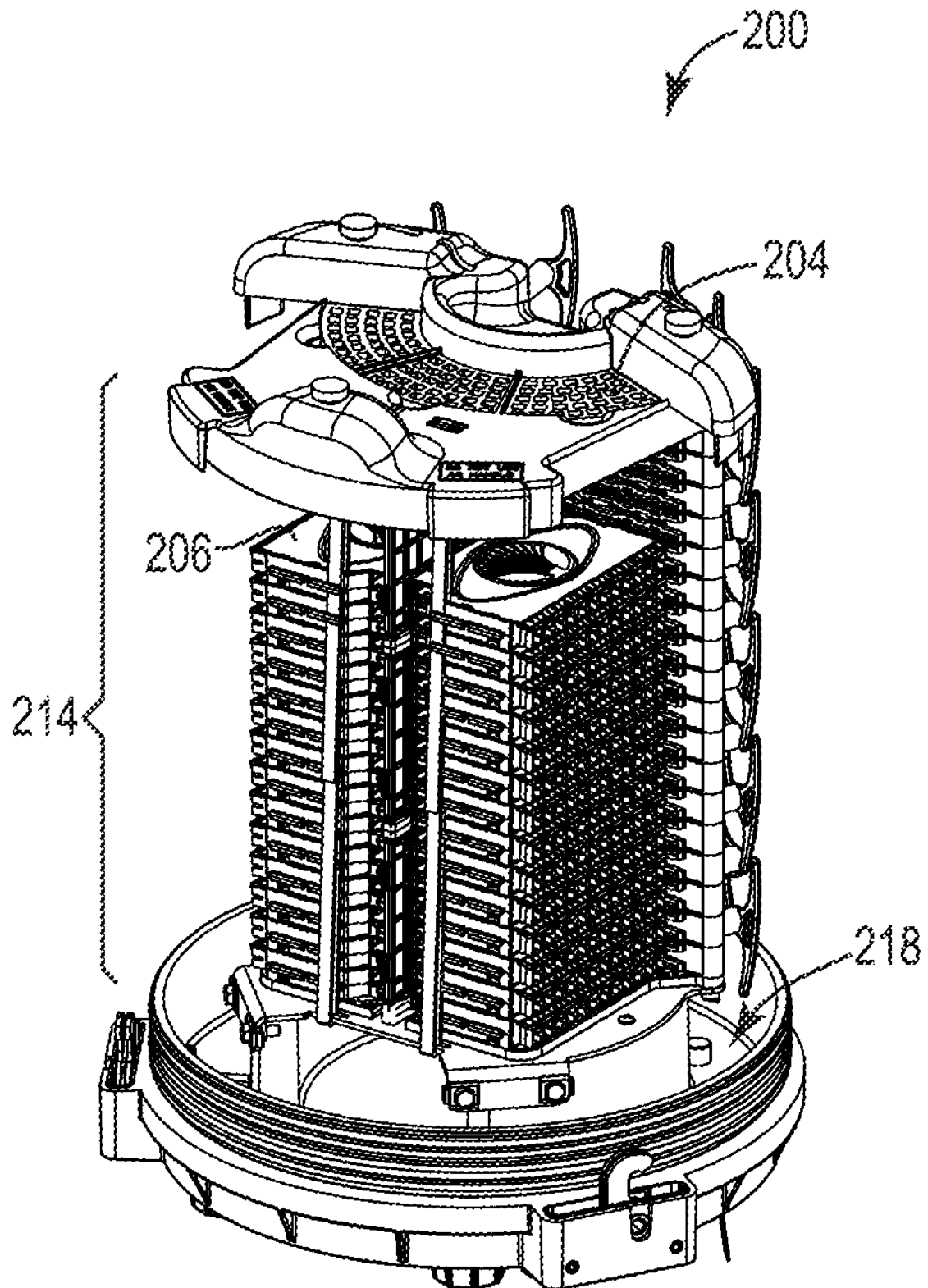
Family 14/25 - FAMPAT - ©Questel

Title

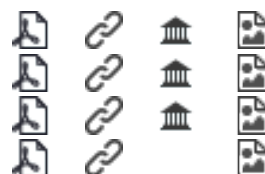
(EP3201665)

Optical fiber management

Images

**Publication data including kind & date**

US2016097907	A1	2016-04-07	US20160097907
WO2016054308	A1	2016-04-07	WO201654308
EP3201665	A1	2017-08-09	EP3201665
MX2017004170	A	2017-10-18	MX2017004170

**Abstract**

(EP3201665)

The present disclosure includes devices and systems for optical fiber management. One embodiment includes a device

comprising an integrated separation surface separating an upper level of storage and a lower level of storage and an integrated adapter plate comprising a number of optical connectors and arranged at a first angle with respect to a floor of the device.

Inventors

HILL JOHN P

VANHORN RANDY T

POVLITZKI JOSHUA J

POWER II WALTER E

Latest standardized assignees - inventors removed

CLEARFIELD

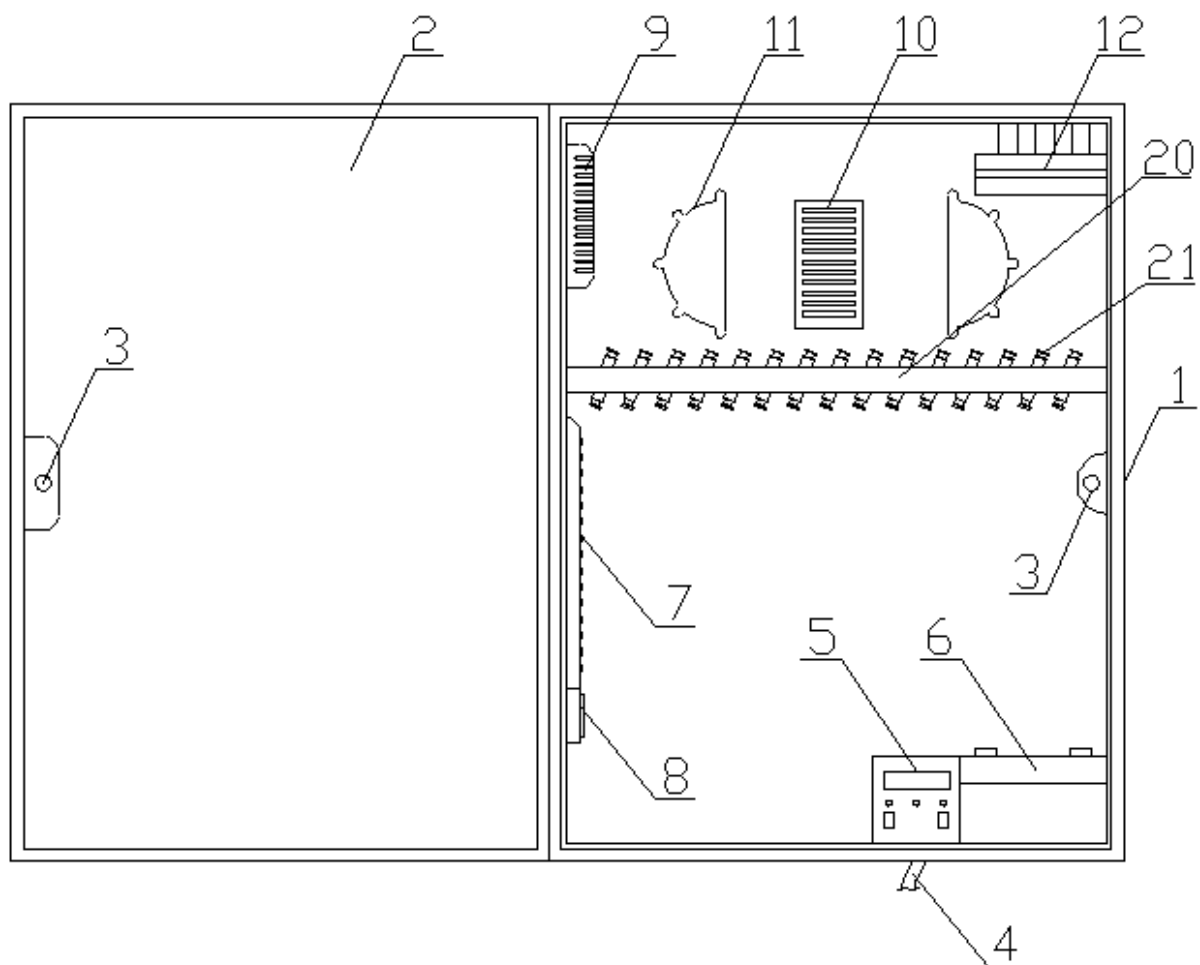
Family 15/25 - FAMPAT - ©Questel

Title

(CN104142549)

Electric power communicating equipment box

Images



Publication data including kind & date

[CN104142549](#)

A 2014-11-12 CN104142549



Abstract

(CN104142549)

The invention relates to an electric power communicating equipment box. The electric power communicating equipment box is characterized in that the rear side of a box body (1) is provided with six arc-shaped groove plates (13), the six arc-shaped groove plates (13) are distributed in an annular mode, the inner sides of the six groove plates (13) are provided with two T-type supports (14), the whole box body (1) is connected with two cross arms (17) through the two T-type supports (14), the two cross arms (17) are fixed on an electric pole (19) through hoops (18), the top of the box body (1) is provided with an optical cable fixing support (12) and two adaptive fiber winding supports (11) used for fixing optical cables

and winding optical cable fiber cores, a fiber melting disc (10) is arranged between the two fiber winding supports (11) and used for welding the optical cable fiber cores and tail fibers of optical fiber adapters, a partition board (20) is arranged in the box body (1), and a plurality of optical fiber adapters (21) are arranged on the partition board (20). The electric power communicating equipment box is used for installing communicating, optical fiber wiring and power supplying system equipment, and guarantees the operating environment of the equipment in the box body and operation of a communication system.

Inventors

LI CHEN

Latest standardized assignees - inventors removed

STATE GRID SHANDONG QIHE POWER SUPPLY

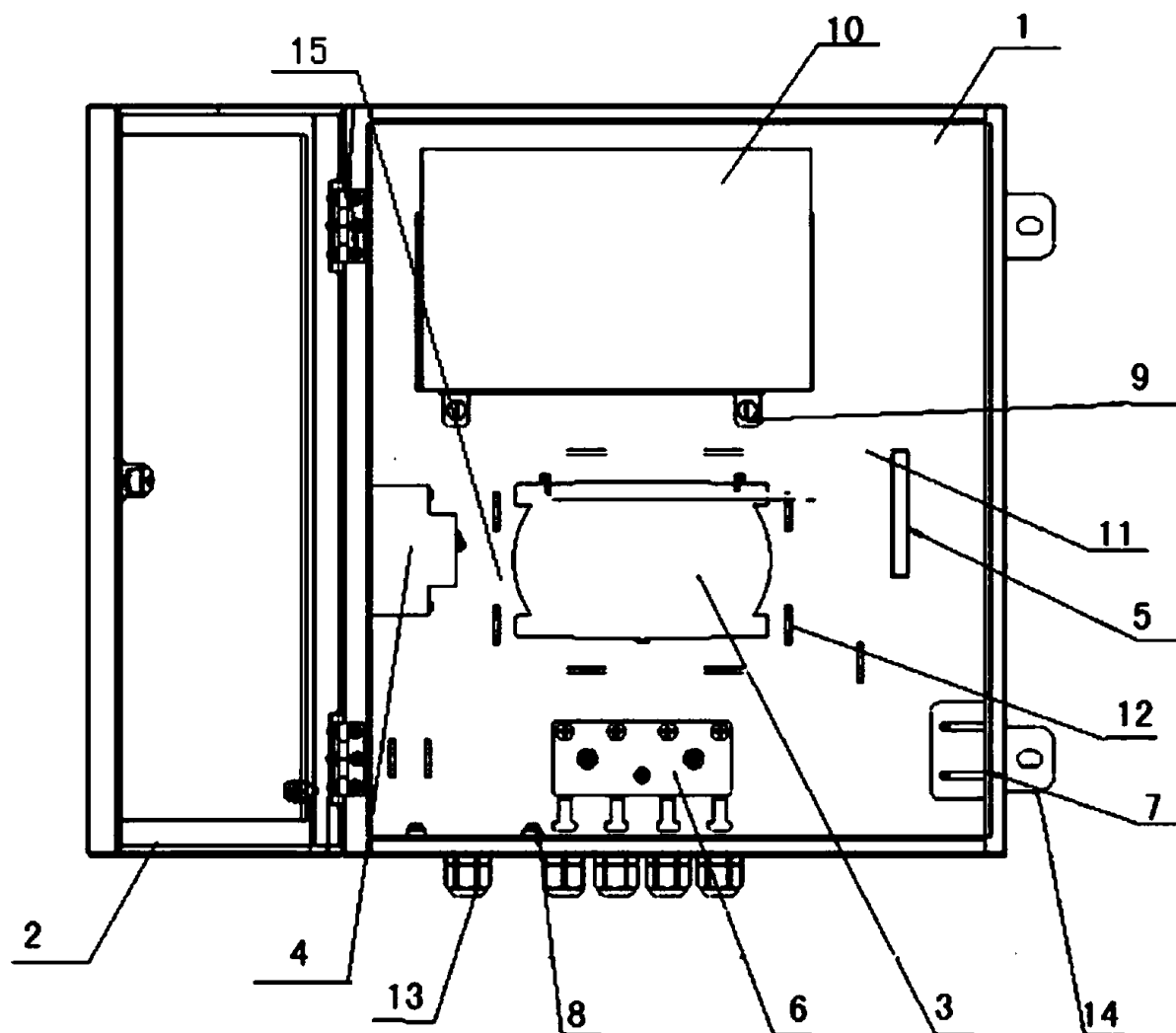
Family 16/25 - FAMPAT - ©Questel

Title

(CN204732810U)

Photoelectricity distribution case for electricity distribution room

Images



Publication data including kind & date

CN204732810

U 2015-10-28 CN204732810U



Abstract

(CN204732810U)

The utility model provides a photoelectricity distribution case for electricity distribution room, comprising a box body and a box cover, the case lid is articulated marginal on one side of the box, evenly be provided with the entrance hole on the box wall body, be provided with the tail optical fiber in the box, the adapter, the ODF support, the ONU installing support, power

distribution unit, splice tray, the optic fibre memory area, the optical cable fixing base, the optical divider clamp plate, the ground connection bronze medal, ONU equipment is fixed in in the box through the ONU installing support, the optic fibre memory area sets up around splice tray, the optic fibre memory area evenly is provided with a plurality of bridges of bundling that are used for the unnecessary tail optical fiber of ligature, the optical cable fixing base corresponds the setting with the entrance hole, an optical divider clamp plate and box inner wall correspond the cooperation for fixing box -shaped optical divider.Be provided with the box installation ear that is used for fixation cabinet on the box outer wall.The utility model discloses can satisfy multiple operation requirements such as fused fiber splice, distribution, beam split, branch fibre and power consumption information acquisition.

Inventors

YU TAO

Latest standardized assignees - inventors removed

WUHAN NEW ENERGY TECHNOLOGY DEVELOPMENT

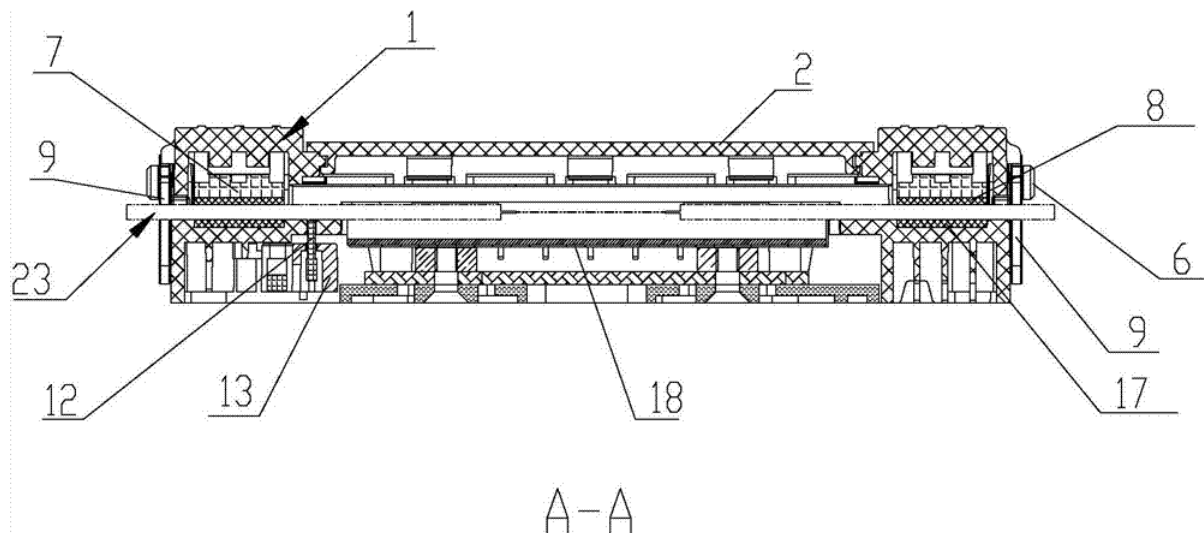
Family 17/25 - FAMPAT - ©Questel

Title

(CN207488536U)

Heat-shrinkable fiber protection sleeve self-heating furnace

Images



Publication data including kind & date

CN207488536

U 2018-06-12 CN207488536U



Abstract

(CN207488536U)

The present utility model provides an optical fiber heat-shrinkable protective sleeve automatically furnace, includes a heating furnace, the annunciator, control system and the housing, the housing includes a cover plate and the base, a cover plate hingedly connected to the base; 1st tank photoelectric sensor includes a signal device, a photoelectric sensor slot 2nd, 1st and mounted in a removable seat of the movable block, and a movable block 2nd spring; 1st 1st tab portion having a movable mass, when the upper cover plate when combined, cover the lower movable block 1st, 1st 1st photo sensor in the recess of the tab into the slot; 2nd 2nd tab portion having a movable mass, when placed in an optical fiber, an optical fiber down movable block 2nd, 2nd tank-type photoelectric sensor of the 2nd tab into the recess. The present utility model improves the operating efficiency of the optical fiber fusion splicing operation, optical fiber fusion splicer achieves a higher intelligence, customer's convenience for use.

Latest standardized assignees - inventors removed

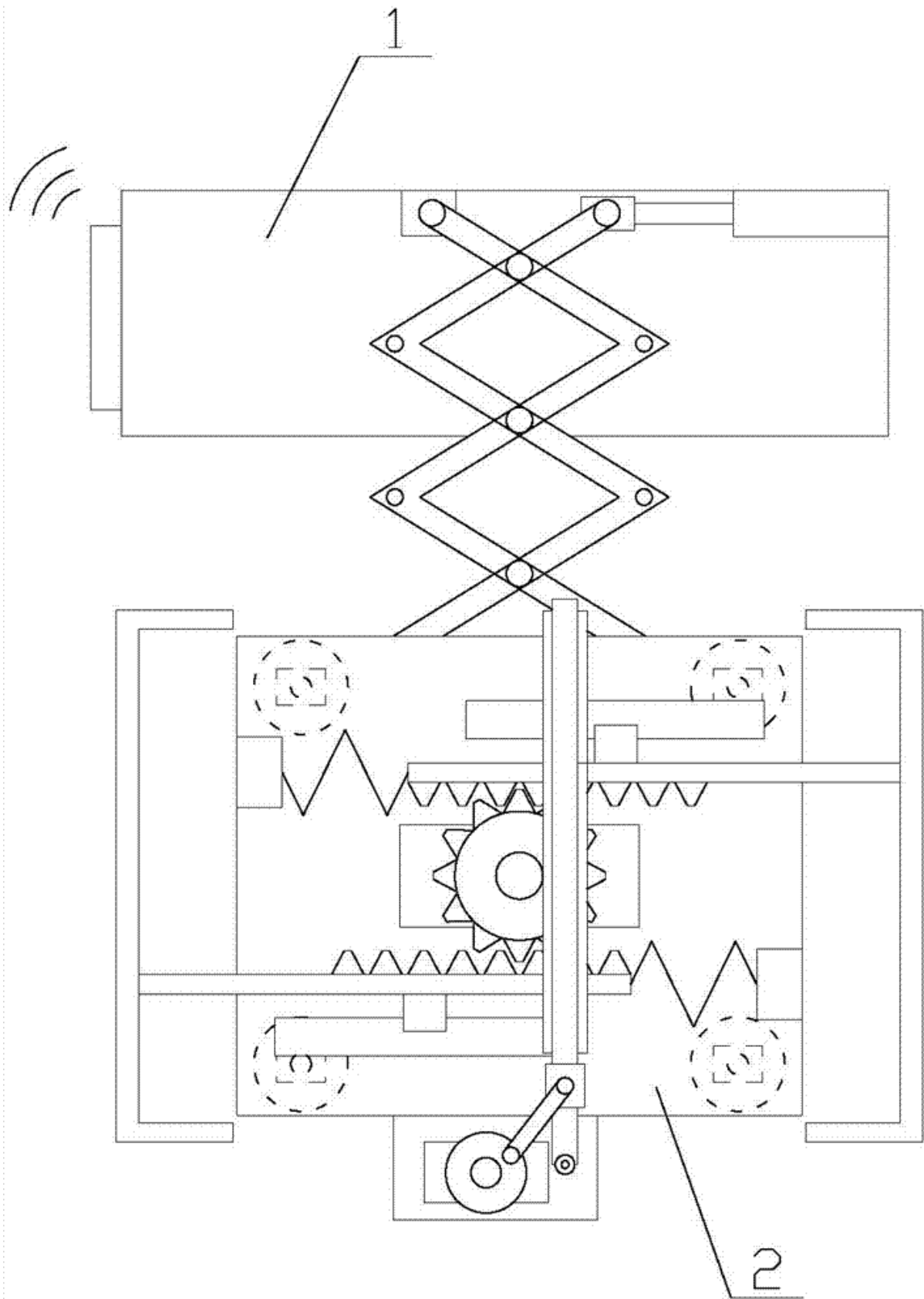
NANJING DVP O E TECHNOLOGY

Family 18/25 - FAMPAT - ©Questel

Title

(CN107561661)

Safe and reliable optical fiber distribution box device having dedusting function

Images**Publication data including kind & date**[CN107561661](#)

A 2018-01-09 CN107561661

**Abstract**

(CN107561661)

The invention relates to a safe and reliable optical fiber distribution box device having dedusting function. The device

includes a **housing**, a backup board, a lifting mechanism, a fastening mechanism, a cleaning mechanism and a center control mechanism. The lifting mechanism includes an air cylinder, a moving block and a telescopic rack. The fastening mechanism includes a control assembly and a moving assembly. The control assembly includes a first motor and a cylindrical gear. The moving assembly includes two strip-shaped gears and two fastening boards. According to the invention, through the lifting mechanism, soaking of a power distribution box by rainwater in a corridor is prevented and damage to the power distribution box by naughty kids can also be prevented, so that influence on use of the power distribution box is eliminated. Through the fastening mechanism, compared with a traditional mounting method employing screws to fix the power distribution box on a wall face, convenience is made for check and maintenance by maintenance workers and potential safety hazards in climbing work of the maintenance workers are avoided. Above all, the practicability and reliability of the optical fiber distribution box device are improved substantially.

Inventors

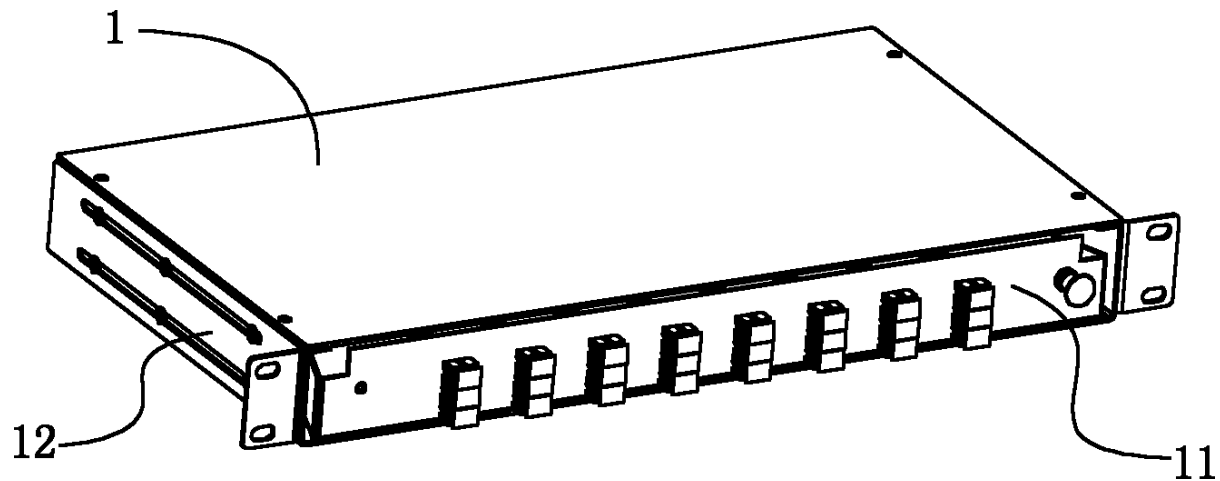
PING BUQING

Family 19/25 - FAMPAT - ©Questel

Title

(CN202421580U)

Rotary optical fiber distribution frame

Images**Publication data including kind & date**

CN202421580

U

2012-09-05

CN202421580U

**Abstract**

(CN202421580U)

A rotary optical fiber distribution frame comprises a frame body and a distribution unit fixed onto the frame body, and is characterized in that the distribution unit consists of an outer frame and a box, the outer frame is fixed onto the frame body, the box is positioned in the outer frame, the outer frame comprises supports and flat plates, the supports are arranged on the left side, the right side and the rear side of the outer frame in a frame manner, the flat plates are horizontally arranged and are erected on upper sides and lower sides of the supports, a hinged shaft perpendicular to the bottom of the box is arranged at one end of the front side of the bottom of the box, so that the box is connected with the flat plates of the distribution frame, and the box of the distribution unit can rotate around the hinged shaft in a plane parallel to the flat plates. The rotary optical fiber distribution frame has the advantages that the box in the distribution unit can rotate around the hinged shaft to extend out of the outer frame, connection, welding and the like of optical fibers in the box are facilitated, and the rotary optical fiber distribution frame is convenient to operate.

Inventors

SHAONENG CEN

XIAOHONG CHAI

ZHENGYUAN YANG

SHIQUAN JIANG

Latest standardized assignees - inventors removed

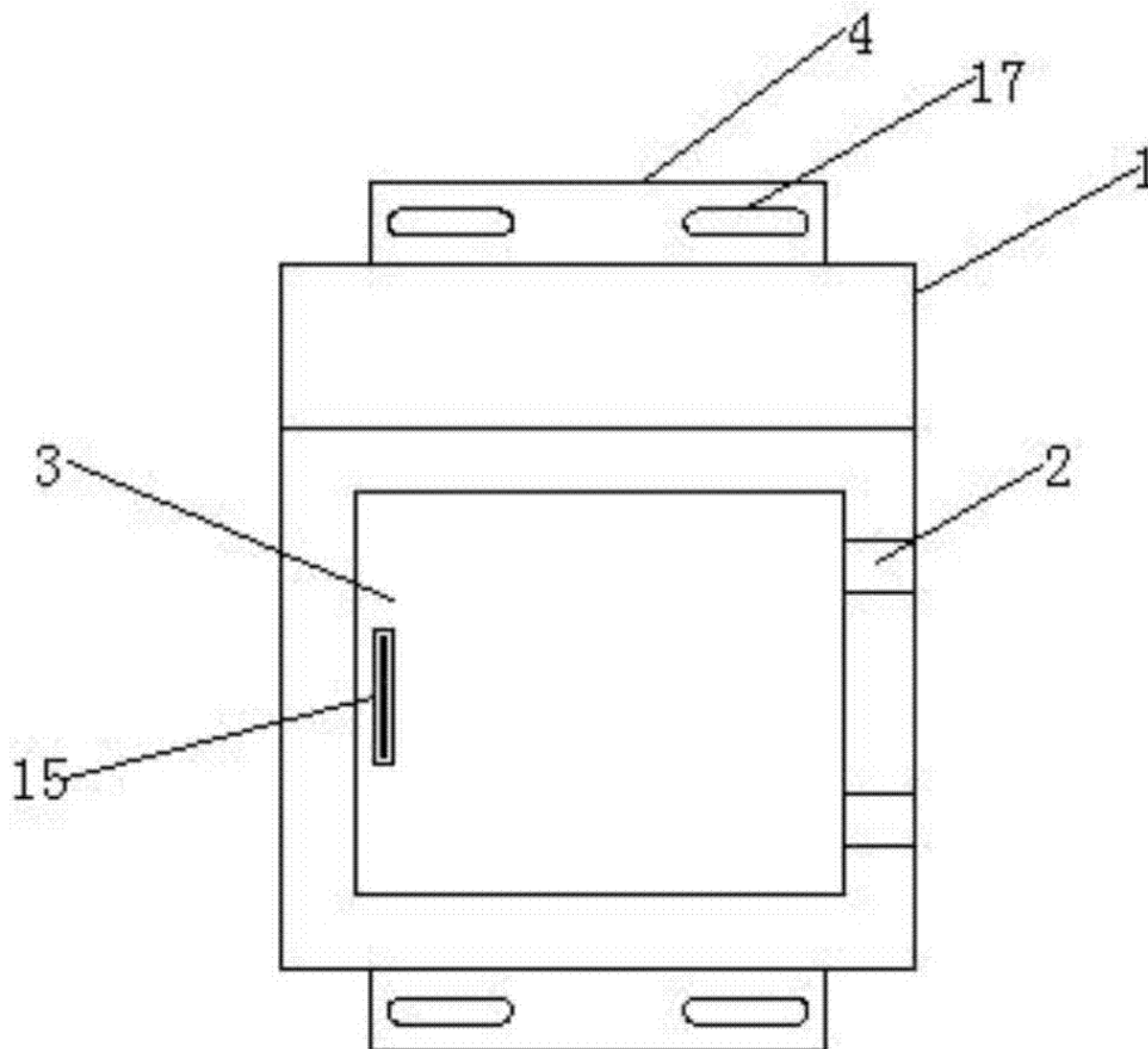
NINGBO ABN COMM

Family 20/25 - FAMPAT - ©Questel

Title

(CN206558993U)

Low -voltage wire inlet case

Images**Publication data including kind & date**[CN206558993](#)

U

2017-10-13

CN206558993U

**Abstract**

(CN206558993U)

The utility model discloses a low -voltage wire inlet case, including the box, the hinged joint case lid is passed through on the box right side, in the box about the middle part lateral wall evenly be equipped with the support diaphragm after to in the past, support being equipped with the connecting plate between the diaphragm about and, the lateral wall all runs through and is equipped with first screw rod about line hole pipe front end and rear end, and manage in the line hole and first screw rod contact surface is equipped with first nut, pole setting upper end and lower extreme all are equipped with the line concentration seat, be equipped with concentration hole on the line concentration seat. This low -voltage wire inlet case, not only swift, the orderly cable of realizing inserts and withdraws from errorlessly safely, saves the time that the cable inserted, reduces the damage ratio of cable, improves the sequencing rate of cable, and the preparation is convenient, the cost is lower, wherein works a telephone switchboard through line hole pipe through adjusting cable that first nut and first screw rod on the pipe of line hole can realize different categories, model, and rethread line concentration

US2016206294	A1	2016-07-21	US20160206294				
JP6055482	B2	2017-01-11	JP6055482				
AU2015207938	B2	2017-01-12	AU2015207938				
AU2012339659	B2	2017-01-19	AU2012339659				
JP6069438	B2	2017-02-01	JP6069438				
JP2017070775	A	2017-04-13	JP2017070775				

Abstract

(EP3000422)

The present disclosure provides an access system having a maneuverable catheter assembly configured for providing access to and navigating a desired vessel for subsequent treatment thereof. The access system includes an adjustable delivery handle assembly and an access catheter subassembly having a maneuverable access catheter configured to be delivered to desired site (e.g., within duodenum) to assist in treatment of a condition (e.g., drainage of a bile ducts via Endoscopic Ultrasound Guided Biliary Drainage (EUS-BD) techniques). The access catheter includes at least a distal section having an adjustable portion along a length thereof configured to transition to a pre-defined arcuate shape to provide directional control over the distal end of the catheter as it is navigated through a vessel (e.g., bile duct). The handle assembly includes additional elements configured to allow a clinician to maneuver and manipulate the distal end of the access catheter.

Inventors

MCWEENEY JOHN O

Latest standardized assignees - inventors removed

BEACON ENDOSCIPIC

COVIDIEN

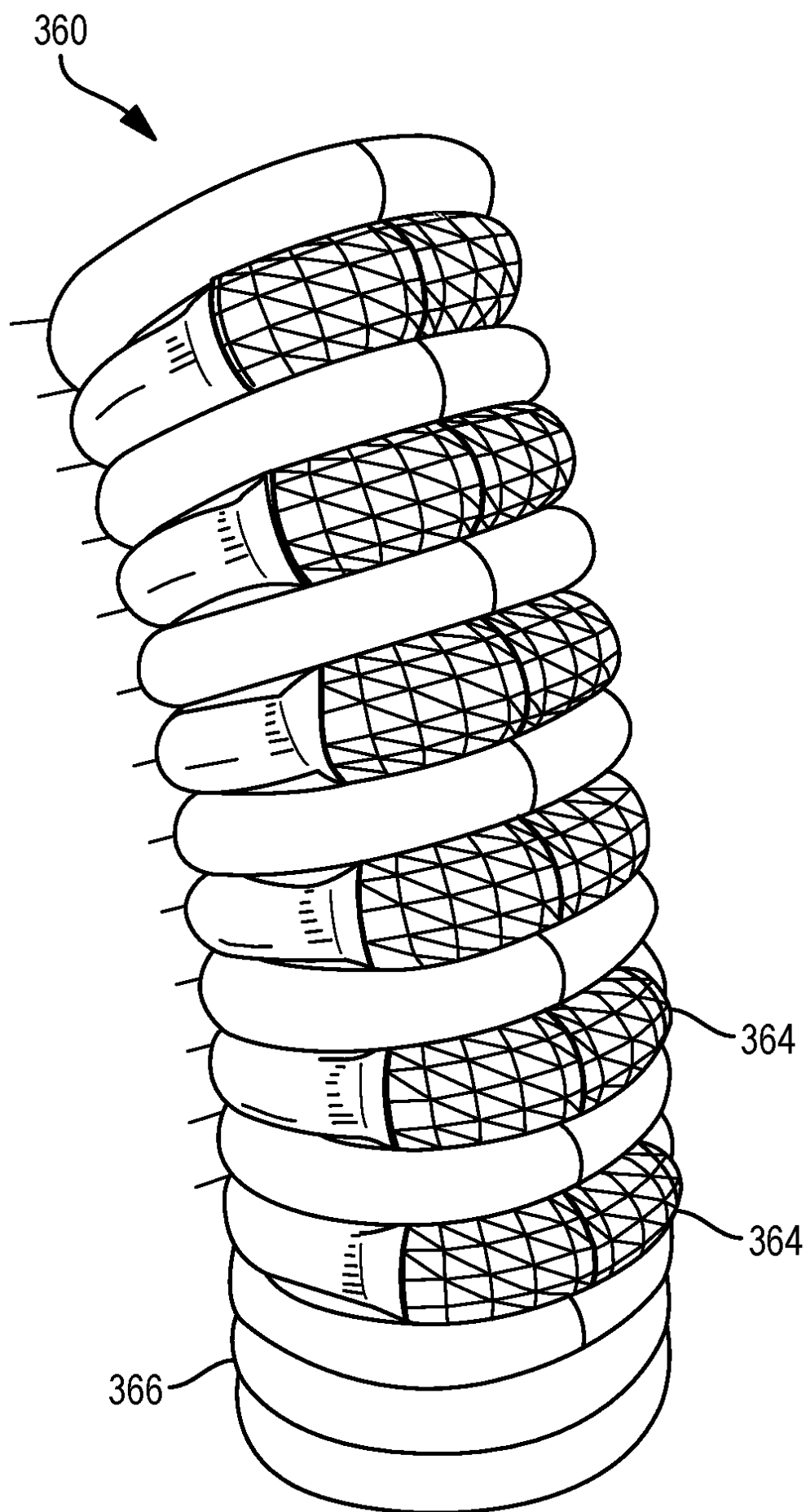
Family 22/25 - FAMPAT - ©Questel

Title

(EP3274040)

Fluid-expandable body articulation of catheters and other flexible structures

Images



CA2980745	A1	2016-10-06	CA2980745				
WO2016160586	A1	2016-10-06	WO2016160586				
WO2016160589	A1	2016-10-06	WO2016160589				
WO2016160587	A1	2016-10-06	WO2016160587				
US2017021143	A1	2017-01-26	US20170021143				
US2017021132	A1	2017-01-26	US20170021132				
US2017157363	A1	2017-06-08	US20170157363				
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AU2016243508	A1	2017-10-12	AU2016243508				
AU2016243508	A8	2017-10-19	AU2016243508				
EP3274038	A1	2018-01-31	EP3274038				
EP3274040	A1	2018-01-31	EP3274040				
EP3274039	A1	2018-01-31	EP3274039				
CN107835704	A	2018-03-23	CN107835704				
CN107835703	A	2018-03-23	CN107835703				
CN107921236	A	2018-04-17	CN107921236				
JP2018514350	A	2018-06-07	JP2018514350				

Abstract

(EP3274040)

Articulation devices, systems, methods for articulation, and methods for fabricating articulation structures include simple balloon arrays, with inflation of the balloons interacting with elongate skeletal support structures so as to locally alter articulation of the skeleton. The balloons can be mounted to a substrate of the array, with the substrate having channels that can direct inflation fluid to a subset of the balloons. The articulation array may be formed using simple planar 3-D printing, extrusion, and/or laser micromachining. The skeleton may comprise a simple helical coil or interlocking helical channels, and the array can be used to locally deflect or elongate an axis of the coil under control of a processor. Liquid inflation fluid may be directed to the balloons from an inflation fluid canister, and may vaporize within the channels or balloons, the inflation system preferably including processor controlled valves. The articulation structures can be employed in medical catheter systems, industrial robotics, supporting imaging systems, and entertainment and consumer products.

Inventors

BOURANG HENRY

LABY KEITH PHILIP

BARRISH MARK D

Latest standardized assignees - inventors removed

PROJECT MORAY

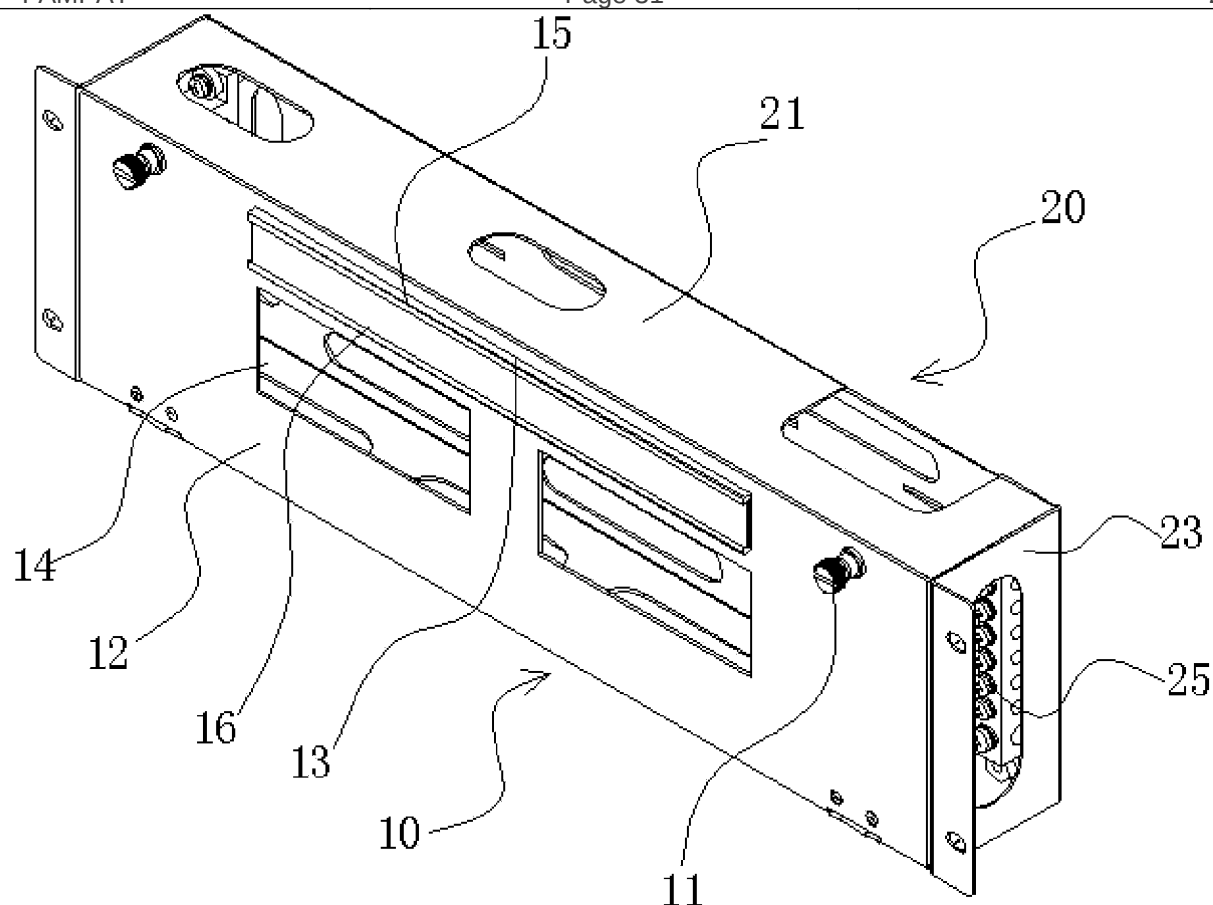
Family 23/25 - FAMPAT - ©Questel

Title

(CN203617575U)

Reversible power distribution unit structural body

Images

**Publication data including kind & date**

CN203617575

U

2014-05-28

CN203617575U

**Abstract**

(CN203617575U)

The utility model relates to a reversible power distribution unit structural body, which comprises a door plate assembly and a box body assembly, wherein the door plate assembly is installed on the box body assembly through a **hinge** assembly, the upper side of the door plate assembly is provided with two screws, the two screws are corresponding to threads on a tongue piece in the box assembly, and the door plate assembly rotates around a **hinge** shaft. The power distribution unit structural body is simple in structure, convenient to install, connected and assembled through blind rivets, and very beautiful in appearance. Compared with a general power distribution unit structural body, the power distribution unit structural body provided by the utility model can save the cost, is beautiful in layout, flexible in equipment wiring space and very clear in wiring route, and is of a reversible rotary structure in maintenance operation, thereby being very convenient to operate.

Inventors

YIN FENGMIN

WANG JIANBING

LIU XIN

Latest standardized assignees - inventors removed

SHENZHEN KEXIN COMM TECHNOLOGY

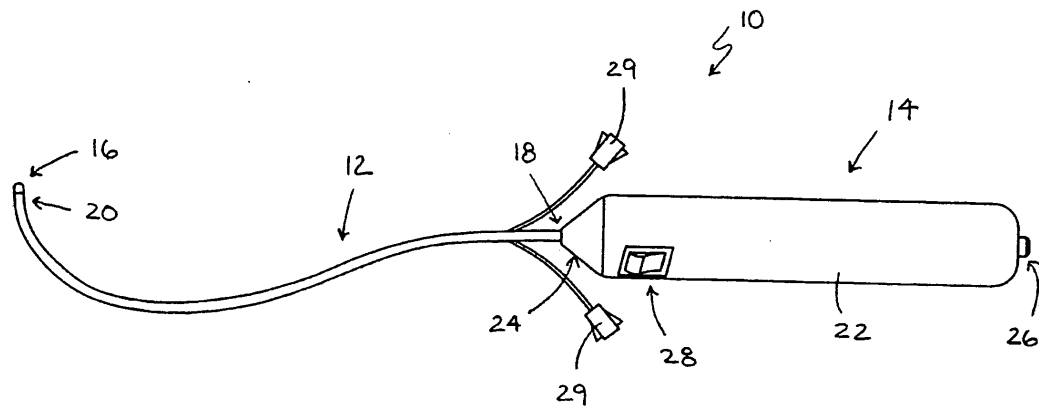
Family 24/25 - FAMPAT - ©Questel

Title

(EP2086386)

Optical surgical device and methods of use

Images

**Publication data including kind & date**

WO2008048688	A2	2008-04-24	WO200848688
US2008108869	A1	2008-05-08	US20080108869
WO2008048688	A3	2008-08-21	WO200848688
EP2086386	A2	2009-08-12	EP2086386
JP2010506669	A	2010-03-04	JP2010506669

**Abstract**

(EP2086386)

An optical device includes a shaft, a handle and a camera assembly. The handle is coupled to the shaft at a first end, and the camera assembly is coupled to the shaft at a second end. Camera circuitry and software may be provided in the shaft and the handle, so that, in one embodiment, the device may be constructed with reusable portions of the camera circuitry and software. In another embodiment, the device may be provided as a single piece, that may be discarded or sterilized after use.

Inventors

SANDERS GERALD JAY

SIKRI VIVEK

Latest standardized assignees - inventors removed

FEMSUITE

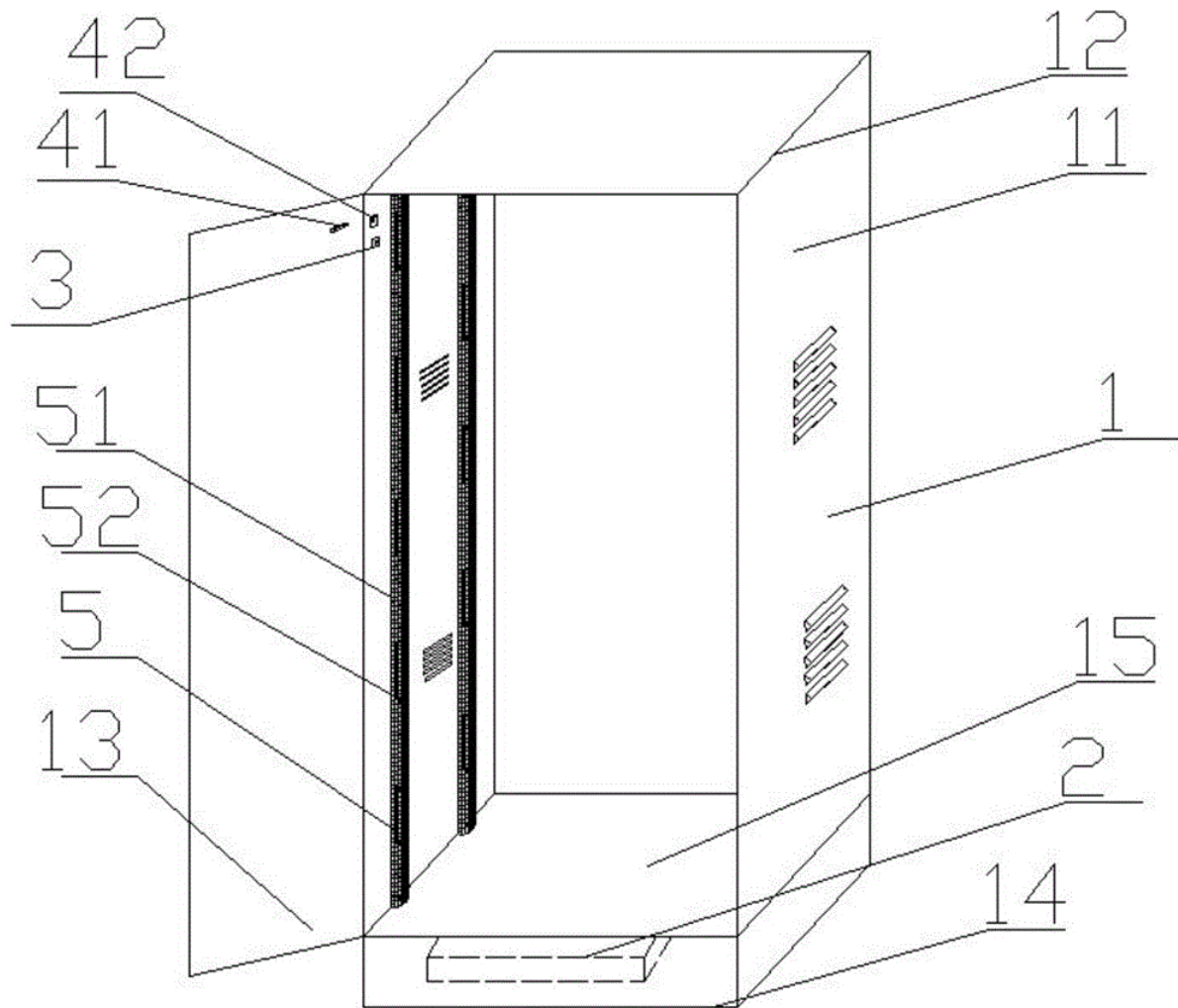
Family 25/25 - FAMPAT - ©Questel

Title

(CN205429486U)

Power communication equipment box convenient to overhaul

Images

**Publication data including kind & date**

CN205429486

U

2016-08-03

CN205429486U

**Abstract**

(CN205429486U)

The utility model discloses a power communication equipment box convenient to overhaul relates to power communication case technical field, including the rectangle box, the power modul, main cutoff switch, control switch and explosion -proof banks, through setting up the rectangle box, main cutoff switch establishes on the curb plate of rectangle box, power module establishes the base top at the rectangle box, the switch that utilizes the cabinet door of rectangle box triggers control switch, the inner wall at the rectangle box is established to explosion -proof banks, explosion -proof lamp and power module, main cutoff switch and control switch connect, switch through the cabinet door drives the push pedal campaign, thereby control button switch, realize explosion -proof banks automatic illumination when the cabinet door is opened, when luminous environment is good, can trigger main cutoff switch, close explosion -proof banks, the circuit of explosion -proof banks is relatively independent, can be under the thread cuts off the power supply the condition of trouble, provide emergency lighting for the user, the emergency of being convenient for is overhaul, easy operation and security are high.

Inventors

ZHANG XU

ZHANG JUN

XU LI

WEI HAO

WANG CHAO

CHEN JIANGUO

SHENG LIN

Latest standardized assignees - inventors removed

STATE GRID CORPORATION OF CHINA (SGCC)

STATE GRID CORPORATION OF CHINA