

20 Documents

Publication numbers	Title	Current assignees
KR20000008857U U	Packing and separation easy electrical component packing box	DAE WOO ELECTRONICS
EP1317784 A1	Electrical junction unit	ABB
DE4137421 A1	Flush-mounted electric wall switch or junction box - has connecting elements on two opposite sides co-operating with longitudinal guides formed on its outer surface	KAISER
EP2936637 A1	Removable electrical equipment module, wiring box for receiving such an equipment module and method for replacing such an equipment module	LEGRAND
WO8801447 A1	Junction box	ELCONNEX, ...
DE4241390 A1	Hollow section electric wall-mounted switch or distribution box - is secured by dual-purpose screws in guides having internal teeth for retention of pivotal flaps in cavities	KAISER
EP-438120 A1	Branch junction box and busbars for branch connection.	YAZAKI
US4406505 A	Grounding clip for electrical fixtures	WOODHEAD INDUSTRIES
DE4226559 A1	Electrical socket for cavity wall mounting - has straps and shackles on blind side of socket with ring connecting shackles to fix socket	KAISER
CN108054534 A	Parallel fast line connector capable of being temporarily fixed into junction box	MENG XIANGLIN
CN201518354U U	Dedicated connecting terminal for circuit board of photovoltaic junction box	JIANGSU JINWEI ELECTRICAL TECHNOLOGY
WO201924179 A1	Backpack-type wireless vr host system with auxiliary handle control function	GUANGZHOU CHUQU TECHNOLOGY
DE19519009 A1	Electrical wall socket outlet	KAISER
US20090183346 A1	Kira-clip	SMITH FITZGERALD VANN
FR2861451 A3	Electrical connector for use on electrical lighting units has main socket unit that is clamped to housing and which receives a connecting plug that latches in position	WU WEN CHANG
CN204473309U U	Adhesive tape tying device	SICHUAN NIGALE BIOMEDICAL
WO9102387 A1	Electrical apparatus to be directly coupled to sheathed cable and to wall structures	CORECON
GB9021633 D0	A case for carrying a video camera and accessories	SONY
CN101673883 A	Wire connecting terminal special for photovoltaic wire connecting box circuit board	JIANGSU JINWEI ELECTRICAL TECHNOLOGY

Publication numbers	Title	Current assignees
US20050148241 A1	Quick connect device for electrical fixtures	SAFETY QUICK LIGHTING & FANS

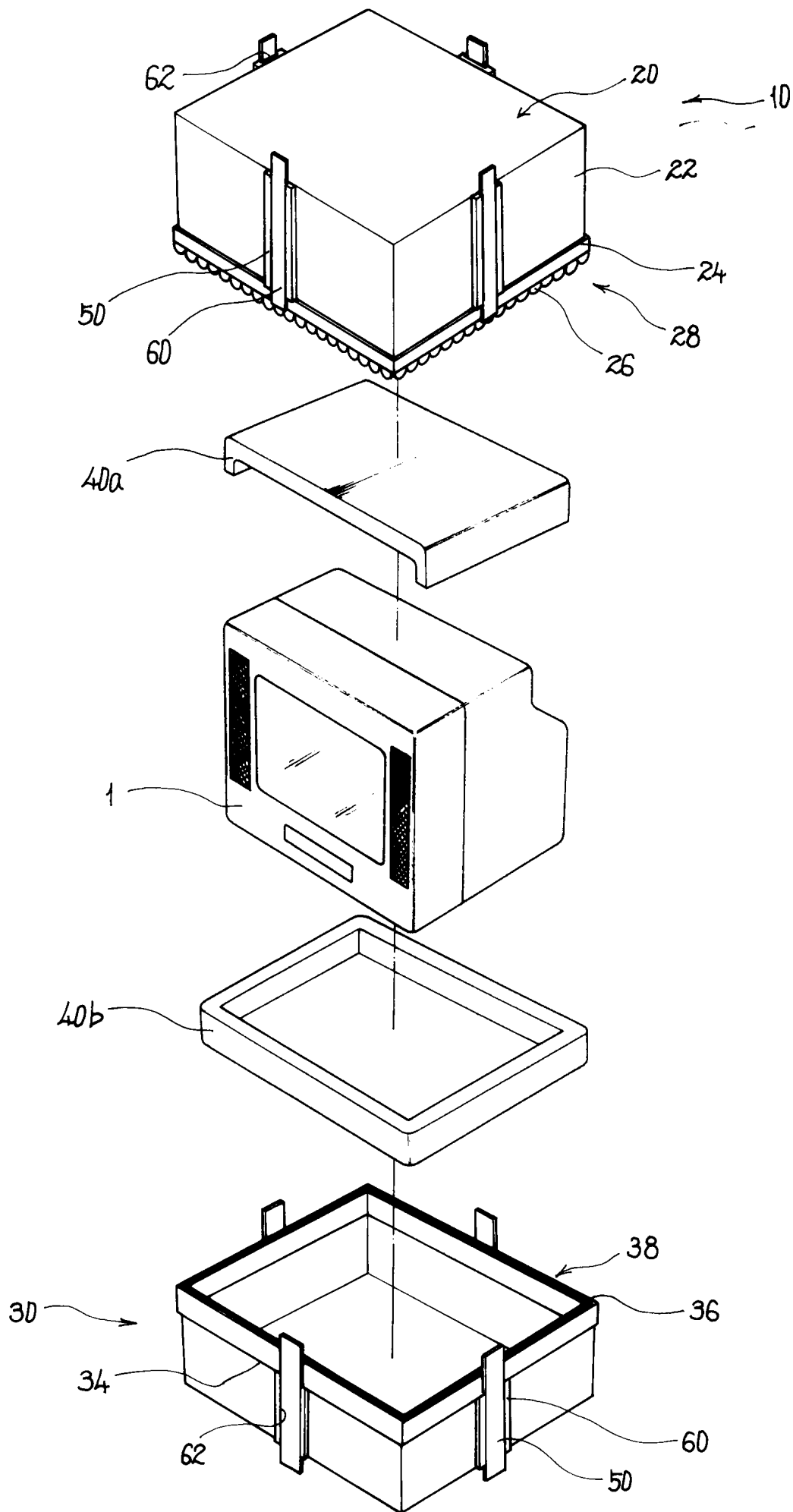
Family 1/20 - FAMPAT - ©Questel

Title

(KR20000008857U)

Packing and separation easy **electrical** component packing **box**

Images



Publication numbers with kind code & date

KR20000008857

U

2000-05-25

KR20000008857U

**Abstract**

(KR20000008857)

This invention relates to a package which is easily separated and directed to a packaging **box** for electronic products. Technical aspect thereof, a lower end portion (24) of the upper **box** (20) body (22) along a plurality of fixed **teeth** (26) successively arranged in the center of the engaging (28) portion is integrally formed with and formed, wherein the upper **box** (20) which is combined with the upper end (34) of the bottom **box** (30) body (32) along the **junction** of (28) the top **box** is (20) fixed to a fixing groove (36) is pressed and fixed **teeth** (26) formed successively formed integrally on the fixing portion (38), the bottom **box** (20) (30) is fixed as a fixing **strap** (50) to facilitate separation and engagement features. Accordingly, the top and bottom of the **box** and the fixing portion is fixed to the engaging portion are engaged due to the structure, the packaging and the packaging **box** for electronic products are made smoothly detaching the other hand, in the packaging of electronic products is further enhanced workability while at work, but also a state of the electronic product storage is securely maintained.

Inventors

RYU, SU-OK

Latest standardized assignees - inventors removed

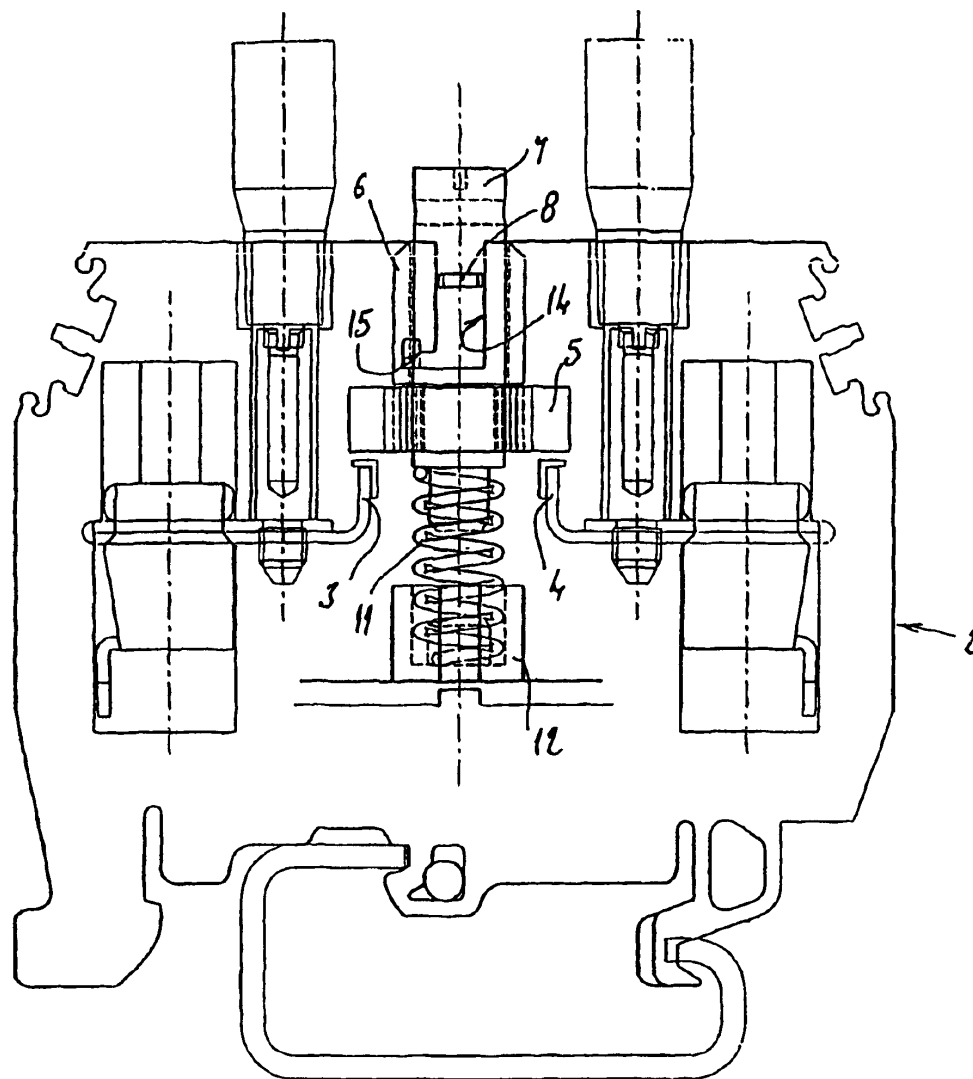
DAE WOO ELECTRONICS

Family 2/20 - FAMPAT - ©Questel

Title

(EP1317784)

Electrical junction unit**Images**



Publication numbers with kind code & date

CN100570956	C	2009-12-16	CN100570956C
DE60131093	T2	2008-07-31	DE60131093
ES2294029	T3	2008-04-01	ES2294029
DE60131093	D1	2007-12-06	DE60131093
KR100781293	B1	2007-11-30	KR100781293
EP1317784	B1	2007-10-24	EP1317784
FR2813991	B1	2004-08-20	FR2813991
US6762374	B2	2004-07-13	US6762374
US20040011630	A1	2004-01-22	US20040011630
CN1455974	A	2003-11-12	CN1455974
KR20030071758	A	2003-09-06	KR20030071758
EP1317784	A1	2003-06-11	EP1317784
AU9001301	A	2002-03-26	AU200190013
WO02/23675	A1	2002-03-21	WO200223675
FR2813991	A1	2002-03-15	FR2813991



Abstract

(EP1317784)

The invention concerns a device comprising two conductive spaced apart components (3, 4) and a blade (5) in the form of a conductive segment mobile between a position closing the circuit wherein it is in contact with the two conductive components and a position opening the circuit, wherein it is spaced apart from said components. The blade is mounted

locked in translation on a rod (7) axially mobile in the **box** between a retracted position in the **box** wherein the blade (5) is in contact with the conductive components and a projecting position wherein the blade is spaced apart from the conductive components, means being provided to maintain the rod stable in those two positions.

Inventors

PEDRINELLI PASCAL

SCHMIDT ARSENE

Latest standardized assignees - inventors removed

ABB

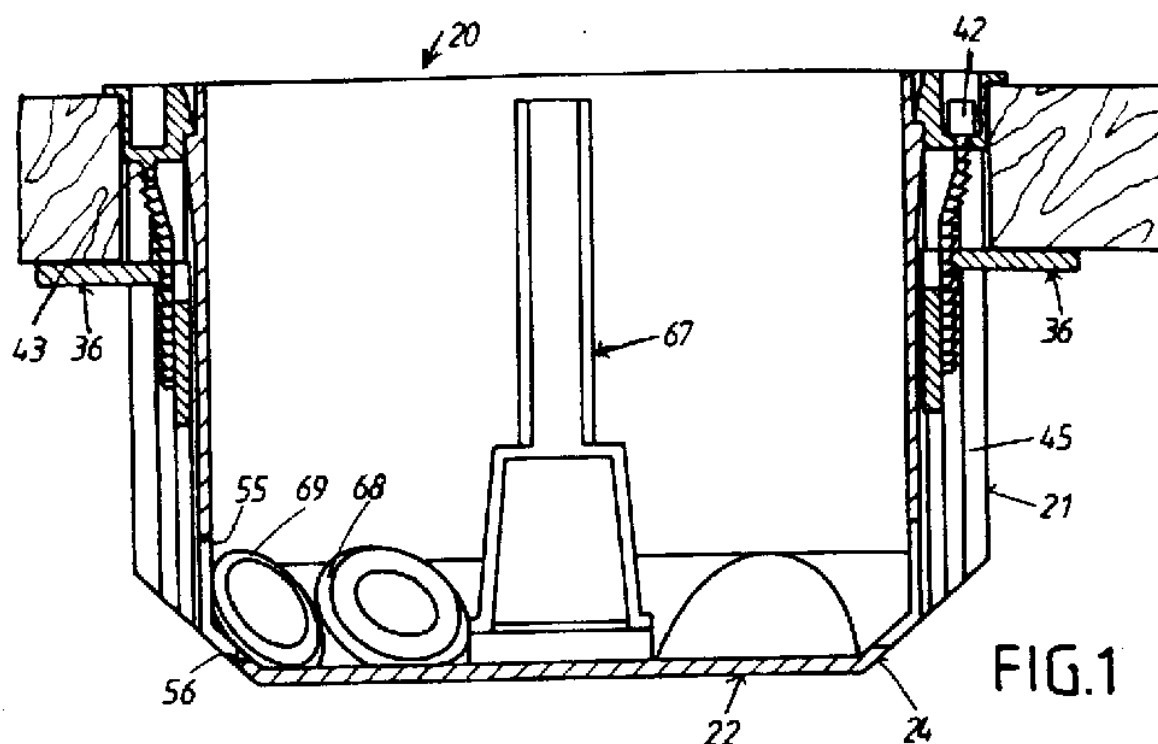
Family 3/20 - FAMPAT - ©Questel

Title

(DE4137421)

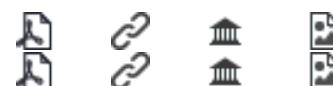
Flush-mounted electric wall switch or **junction box** - has connecting elements on two opposite sides co-operating with longitudinal guides formed on its outer surface

Images



Publication numbers with kind code & date

DE4137421	C2	1994-05-11	DE4137421
DE4137421	A1	1993-05-19	DE4137421



Abstract

(DE4137421)

The **box** (20) has several pivotable connecting elements (25) which are assembled from a head (26), a strip (27) of plastic with ratchet **teeth**, and a flap having two arms (36,37) at right angles and a slot through which the plastic strip passes. The element near the bottom (22) of the **box** is fitted into longitudinal grooves of a guide (44) before the **box** is set into a hole in the wall with the locking arms (36) against its lower boundary surfaces. **ADVANTAGE** - **Box** can be secured quickly into wall without need of fixing screws or tools.

Inventors

KOPOWSKI ECKART DR ING

KOECHER HELMUT DIPL ING

Latest standardized assignees - inventors removed

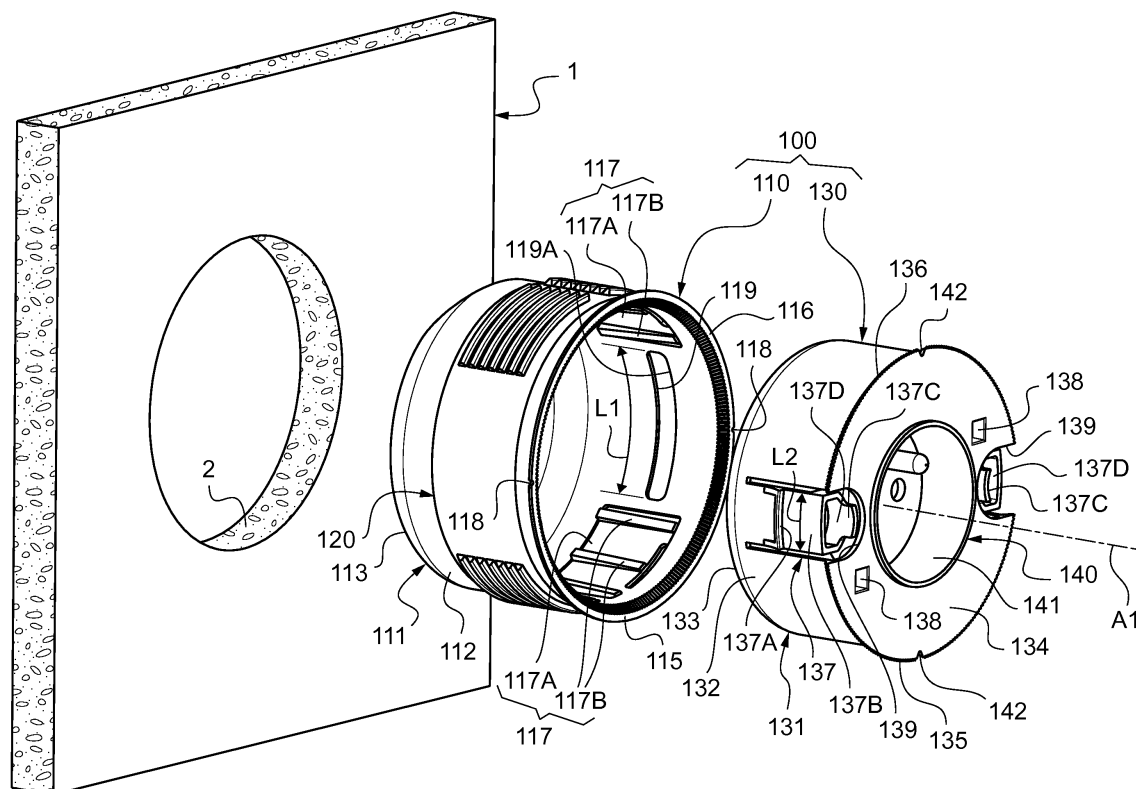
KAISER

Family 4/20 - FAMPAT - ©Questel

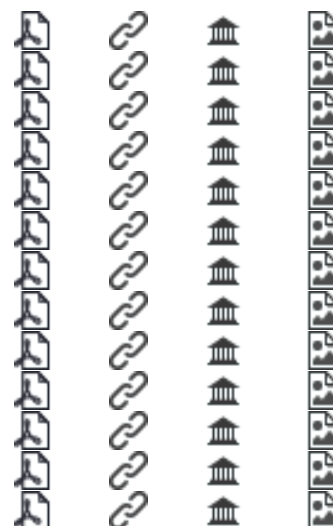
Title

(EP2936637)

Removable **electrical** equipment module, wiring **box** for receiving such an equipment module and method for replacing such an equipment module

Images**Publication numbers with kind code & date**

CN104871384	B	2017-12-22	CN104871384B
US9742174	B2	2017-08-22	US9742174
BR112015013765	A2	2017-07-11	BR112015013765
AU2013366233	B2	2017-06-29	AU2013366233
IN1668/KOLNP/2015	A	2016-01-22	IN2015KN01668
US20150311687	A1	2015-10-29	US20150311687
EP2936637	A1	2015-10-28	EP2936637
CN104871384	A	2015-08-26	CN104871384
AU2013366233	A1	2015-07-09	AU2013366233
BR112015013765	A1	2015-06-23	BR112015013765
FR3000308	B1	2015-01-09	FR3000308
FR3000308	A1	2014-06-27	FR3000308
WO2014/096679	A1	2014-06-26	WO201496679

**Abstract**

(EP2936637)

The invention concerns an **electrical** equipment module (130), to be inserted into a wiring **box** (110), comprising a housing (131) made of an insulating material and consisting of a side wall (132) closed at the front by a front wall (134) to define an inner space for receiving an **electrical** mechanism (140). According to the invention, the **electrical** equipment module comprises snap-fastening means (137) intended to hook on to the wiring **box**, which means comprise at least one hooking

member (137A) movable between a retracted position in which it does not interfere with the insertion of the housing into said wiring **box**, and a projecting position in which it is intended to hook on directly to the wiring **box**, as well as means (137C) for controlling the snap-fastening means, that can be accessed from the front via an access opening (139) provided in said front wall, to bring back said hooking member to the retracted position thereof.

Inventors

CAILLE JEAN-LOUP

MAZIERE LAURENT

Latest standardized assignees - inventors removed

LEGRAND

Family 5/20 - FAMPAT - ©Questel

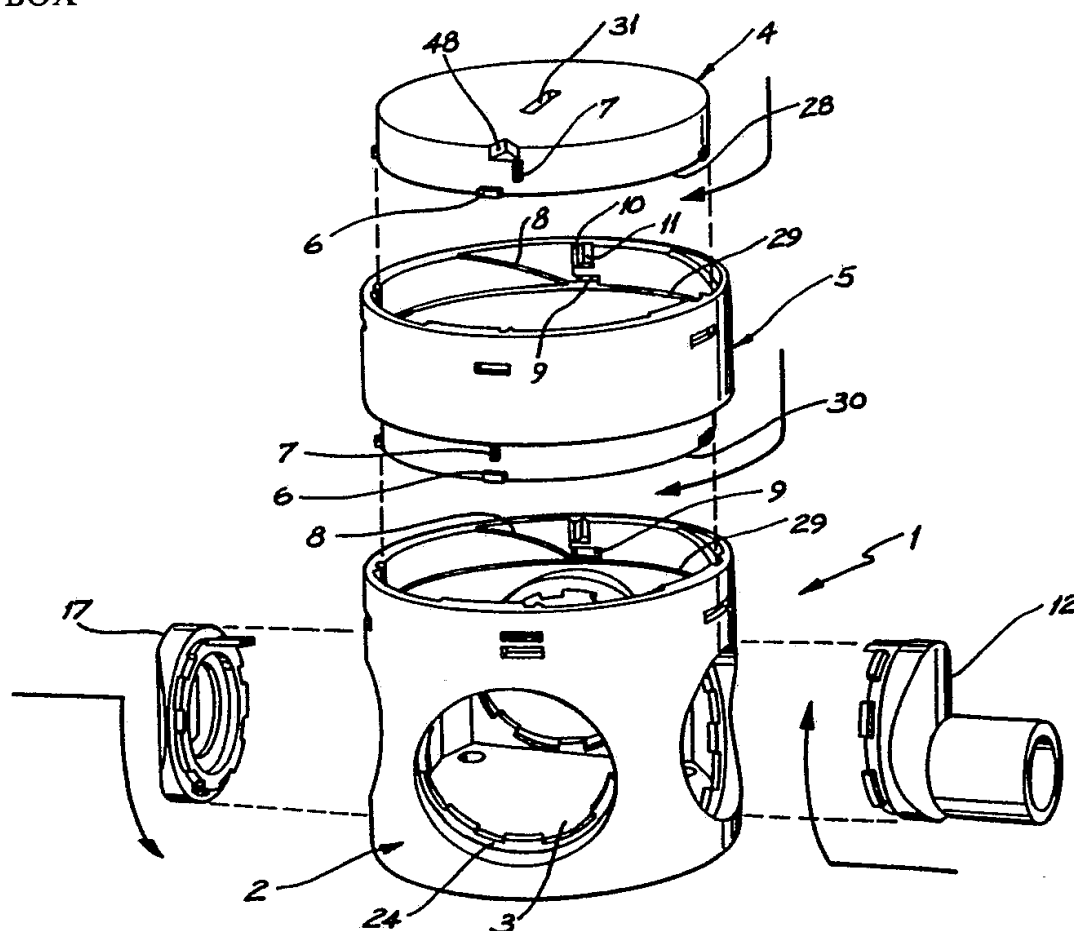
Title

(WO8801447)

Junction box

Images

BOX



Publication numbers with kind code & date

DK167331	B1	1993-10-11	DK-167331
PH26384	A	1992-07-02	PH--26384
HU205682	B	1992-05-28	HU-205682
NO168978	C	1992-04-22	NO-168978
NO168978	B	1992-01-13	NO-168978
CH678779	A5	1991-10-31	CH-678779
SE465646	B	1991-10-07	SE-465646
CN1014194	B	1991-10-02	CN1014194B
GB2235010	B	1991-09-04	GB2235010
SE465196	B	1991-08-05	SE-465196



CA1284374	C	1991-05-21	CA1284374				
GB2235010	A	1991-02-20	GB2235010				
FR2603140	B1	1990-11-16	FR2603140				
GB8914789	D0	1990-10-03	GB8914789				
US4959506	A	1990-09-25	US4959506				
NZ221504	A	1990-04-26	NZ-221504				
GB2202691	B	1990-02-21	GB2202691				
IT1211731	B	1989-11-03	IT1211731				
SE8902384	D0	1989-06-30	SE8902384				
SE8902384	L	1989-06-30	SE8902384				
HUT48047	A	1989-04-28	HU-T48047				
JPH01500716	A	1989-03-09	JP01500716				
KR19887001988	A	1988-11-07	KR19887001988				
KR880701988	A	1988-11-07	KR19880701988				
BR8707434	A	1988-11-01	BR8707434				
GB2202691	A	1988-09-28	GB2202691				
DE3790482	T1	1988-09-15	DE3790482T				
CN87105702	A	1988-08-31	CN87105702				
NL8720441	A	1988-07-01	NL8720441				
NO881696	A	1988-06-20	NO8801696				
NO881696	L	1988-06-20	NO-881696				
GB8808729	D0	1988-06-15	GB8808729				
DK218288	A	1988-04-21	DK8802182				
DK218288	D0	1988-04-21	DK8802182				
NO881696	D0	1988-04-20	NO8801696				
SE8801445	D0	1988-04-20	SE8801445				
SE8801445	L	1988-04-20	SE8801445				
FI881805	A	1988-04-18	FI8801805				
FI881805	A0	1988-04-18	FI8801805				
FR2603140	A1	1988-02-26	FR2603140				
WO88/01447	A1	1988-02-25	WO8801447				
IT8748318	D0	1987-08-21	IT8748318				

Abstract

(WO88/01447)

A **junction box** (1) adapted to have releasably connected fittings (12, 14, 15, 16, 17) of variable inlet diameters and connections. The fittings (12, 14, 15, 16, 17) have castellations (18) and an abutment face (21) defining an annular recess (20). The castellations (18) fit into cutouts (22) in the port (3) whereby when said fitting (12) is rotated the castellations have tightening means (38) which force against the castellations (33) of the port (3) forming a seal between sealing faces (24) of the port (3) and abutment face (21) of the fitting (12) to prevent lateral movement and whereby the projection (25) in the port (3) rides up over the ramp surface (19) to lock into the locking recess (27) to prevent rotational movement. The ramp surface being suitably shaped so as to allow for its deflation by manual means to allow for unlocking of the connector.

Inventors

PETTY JOHN

MCNEILL SANDY

Latest standardized assignees - inventors removed

ELCONNEX

ADAPTAFLEX

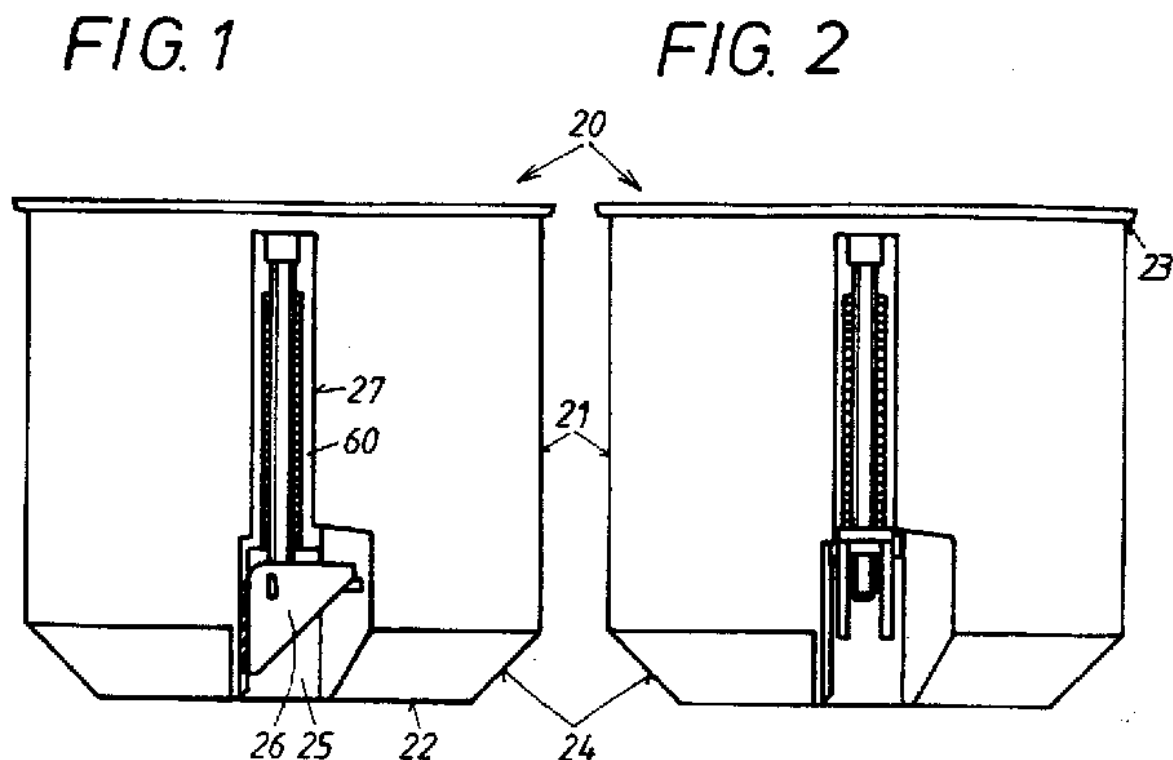
Family 6/20 - FAMPAT - ©Questel

Title

(DE4241390)

Hollow section electric wall-mounted switch or distribution **box** - is secured by dual-purpose screws in guides having internal **teeth** for retention of pivotal flaps in cavities

Images



Publication numbers with kind code & date

DE4241390	C2	1997-11-20	DE4241390
DE4241390	A1	1994-06-16	DE4241390



Abstract

(DE4241390)

The bed (60) of the longitudinal guide (27), into which the cavity (25) near the base (22) opens, is provided with a row of **teeth** (49) cooperating with those on a pivotable flap (26) within the cavity when a screw (42) having a countersunk head (44) is driven home. The screw can be moved into a final position with its head recessed into a supporting ring (45) while maintaining the position of the flap which pref. is in one piece with two edges at right angles. ADVANTAGE - The use of dual-purpose screws enables the conventional additional equipment screws to be eliminated.

Inventors

PURSCHKE HELMUT

Latest standardized assignees - inventors removed

KAISER

Family 7/20 - FAMPAT - ©Questel

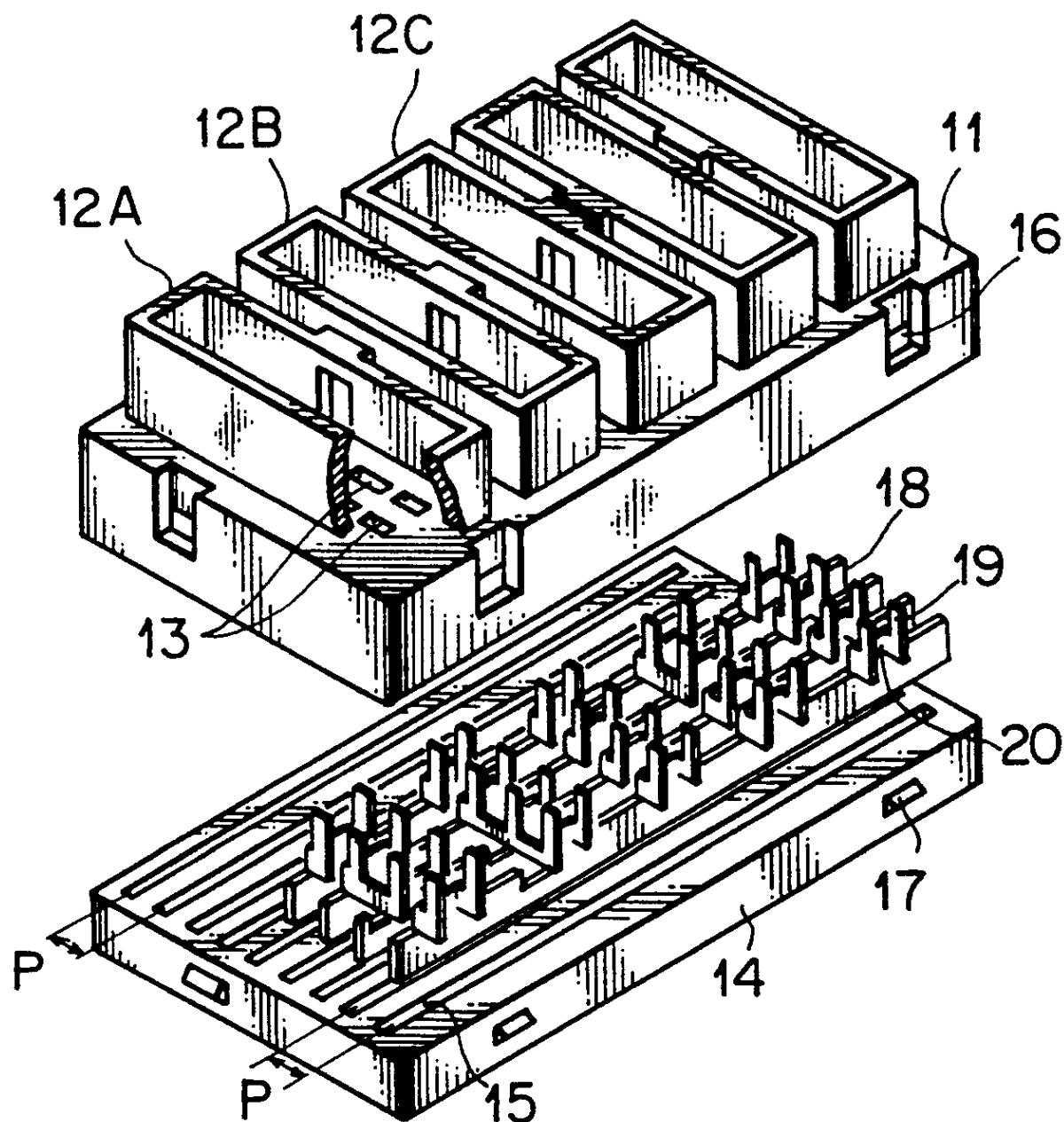
Title

(EP-438120)

Branch **junction box** and busbars for branch connection.

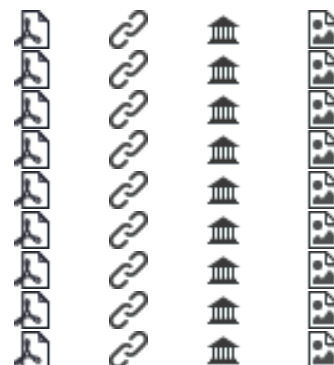
Images

FIG. 1



Publication numbers with kind code & date

JP2563315	Y2	1998-02-18	JP2563315Y
JP2563316	Y2	1998-02-18	JP2563316Y
JP2527044	Y2	1997-02-26	JP2527044Y
JPH0756568	Y2	1995-12-25	JP07056568Y
DE69103028	T2	1994-11-17	DE69103028
DE69103028	D1	1994-09-01	DE69103028
EP0438120	B1	1994-07-27	EP-438120
US5160274	A	1992-11-03	US5160274
JPH0472559	U	1992-06-25	JP04072559U



JPH0461416	U	1992-05-26	JP04061416U				
JPH046214	U	1992-01-21	JP04006214U				
JPH03113921	U	1991-11-21	JP03113921U				
EP0438120	A1	1991-07-24	EP-438120				

Abstract

(EP0438120)

Branch connection busbars to be firmly installed in upper and lower cases each have upper and lower series of branched tabs projecting upwardly and downwardly from the upper and lower lateral edges of the busbar, respectively, through **tab** connecting portions, with the upper and lower series of branched tabs staggered. The upper and lower cases are each provided at their opposing contact surfaces with seats. The branch connection busbars are first installed into the lower case with the upwardly projecting branched tabs held firmly by the seats of the lower case. At the same time the downwardly projecting branched tabs are passed through **tab** insertion holes in the lower case. As the upper case is assembled onto the lower case, the upwardly projecting branched tabs are inserted into the **tab** insertion holes in the upper case and the seats of the upper case are held against the bottom of the downwardly projecting branched tabs. Thus, the upper and lower branched tabs are firmly held between one case and the seats of another case, preventing the branched tabs and busbars from being dislocated by external force produced when external connectors are mounted or dismounted. <IMAGE>

Inventors

OZAKI KEIICHI C O YAZAKI PARTS

TERADA KATSUAKI C O YAZAKI PAR

TAHARA SHINOBU C O YAZAKI PART

Latest standardized assignees - inventors removed

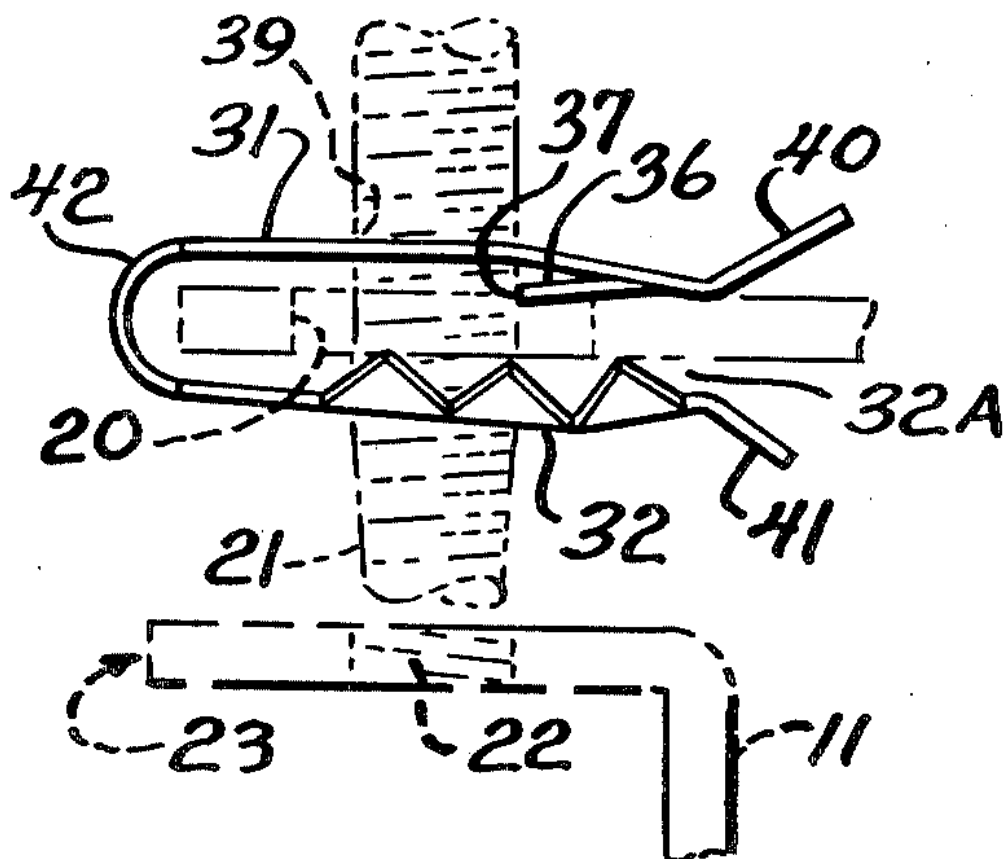
YAZAKI

Family 8/20 - FAMPAT - ©Questel

Title

(US4406505)

Grounding clip for **electrical** fixtures**Images**



Publication numbers with kind code & date

CA1179424	A	1984-12-11	CA1179424
US4406505	A	1983-09-27	US4406505



Abstract

(US4406505)

A grounding clip provides a grounding path between a receptacle and mounting screw affixing the receptacle to a grounded mounting **box**. The grounding clip of spring steel has a screw-receiving means that receives a mounting screw. The edges of one side of the clip has sharp **teeth** which extend slightly outwardly. This side of the clip is between the **tab** on the mounting or **junction box** and the **tab** on the ground yoke of the receptacle. When the clip is assembled to the yoke and the yoke is mounted to the **box** with the mounting screw, the **teeth** on the clip bite into the **tab** on the yoke and flatten out laterally, thereby scraping any oxide off the yoke and insuring a good **electrical** contact between the ground yoke on the receptacle and the **junction box**.

Inventors

AVRAMOVICH RADOSAV

Latest standardized assignees - inventors removed

WOODHEAD INDUSTRIES

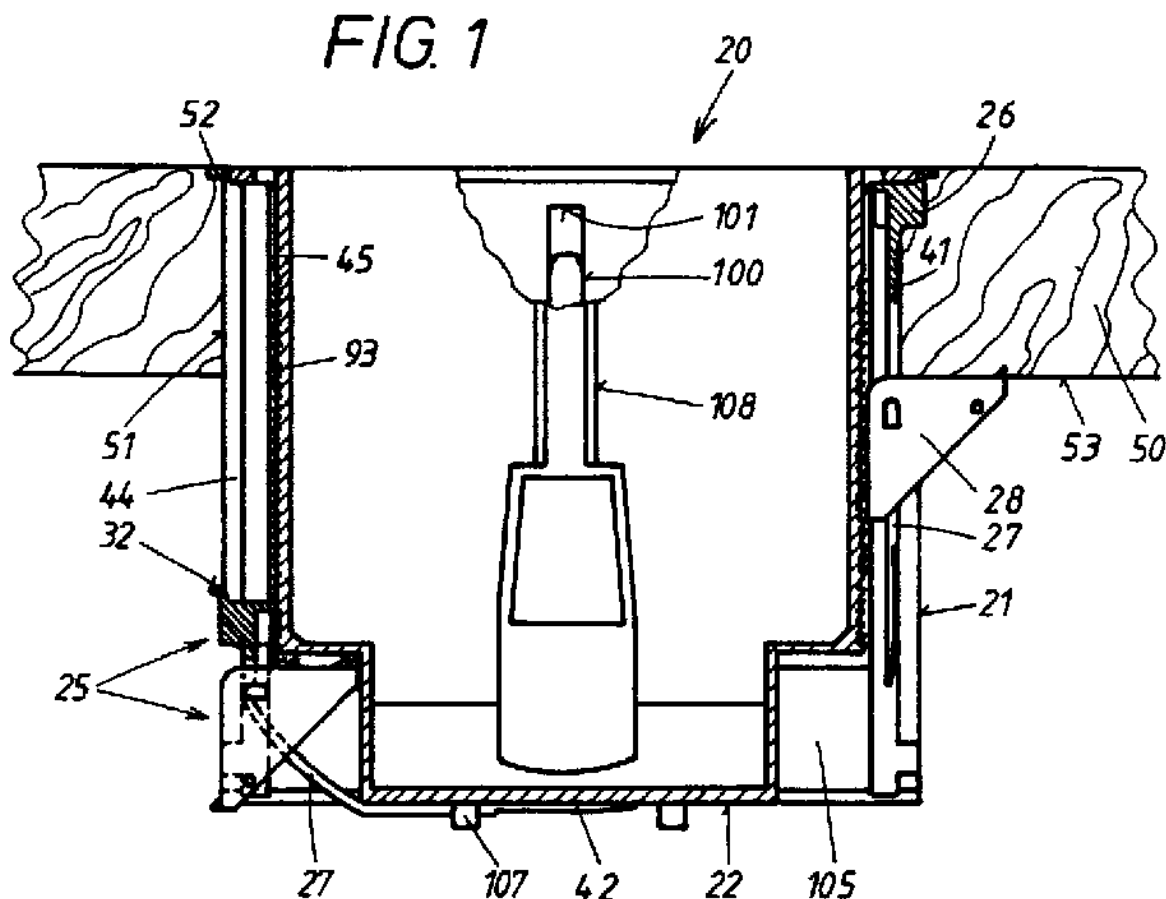
Family 9/20 - FAMPAT - ©Questel

Title

(DE4226559)

Electrical socket for cavity wall mounting - has straps and shackles on blind side of socket with ring connecting shackles to fix socket

Images



Publication numbers with kind code & date

DE4226559	C2	1997-01-09	DE4226559
DE4226559	A1	1994-02-17	DE4226559



Abstract

(DE4226559)

The **electrical** socket for installation in the opening of a wall (20) has a support flange on one side and on the other side, two connecting elements (25) arranged on opposite sides of the socket body. Each element comprises a headpiece (26), a **strap** (27) and a shackle (28), set in a longitudinal groove in the socket side. The socket is inserted into the opening from one side. The shackles engage with ratchet strips on the socket side and press on the rear side of the wall. A ring around the socket body joins the shackles on either side. The headpieces and shackles form a single entity along with the ring. **ADVANTAGE** - Inexpensive to manufacture. Both straps pivot together.

Inventors

KOPOWSKI ECKART DR ING
KOECHER HELMUT DIPL ING
KAISER BURKARD

Latest standardized assignees - inventors removed

KAISER

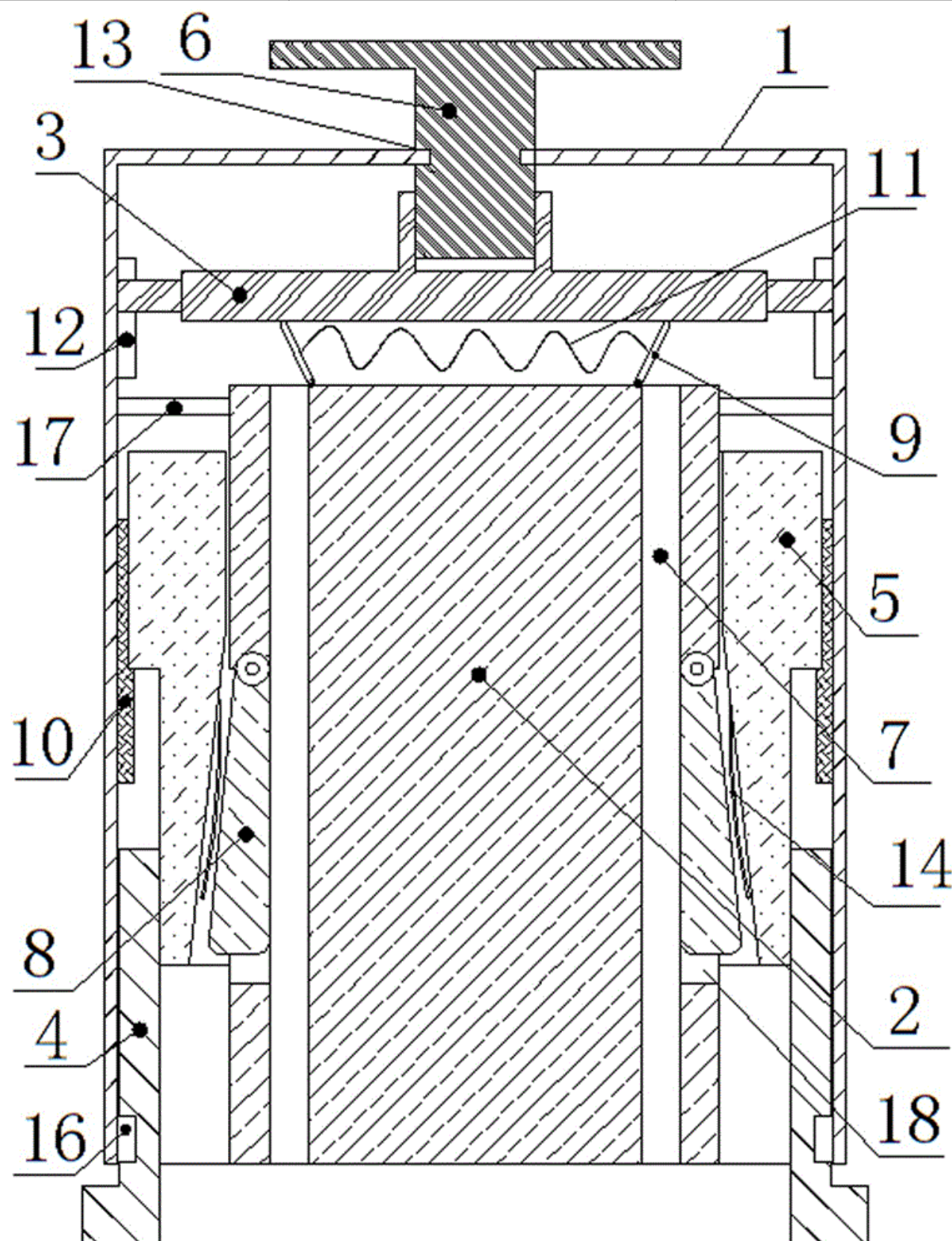
Family 10/20 - FAMPAT - ©Questel

Title

(CN108054534)

Parallel fast line connector capable of being temporarily fixed into **junction box**

Images



Publication numbers with kind code & date

CN108054534	B	2019-11-29	CN108054534B
CN108054534	A	2018-05-18	CN108054534



Abstract

(CN108054534)

The invention discloses a parallel fast line connector capable of being temporarily fixed into a **junction box**. The connector comprises a parallel connection device and a temporary fixing device; lineconnection is firstly carried out by using the parallel connection device in use; inner cores of two electric wires are inserted into jacks in a parallel manner, a lower fastening cylinder is screwed and the middles of the electric wires are clamped through a pendulum hanging part; an upper adjusting column is screwed; and an upper compacting plate moves downwards, so that the upper ends of the cores of the electric wires are bent towards two sides, the bent electric wires have an anti-drop effect, meanwhile, the cores of the

electric wires are in closer contact with conductor sheets, and the two electric wires communicate through the conductor sheets and a conductive reset tension spring. The parallel fast line connector is relatively suitable for line connection and especially suitable for the occasion with insufficient transverse connection space, or is used for connecting two parallel lines.

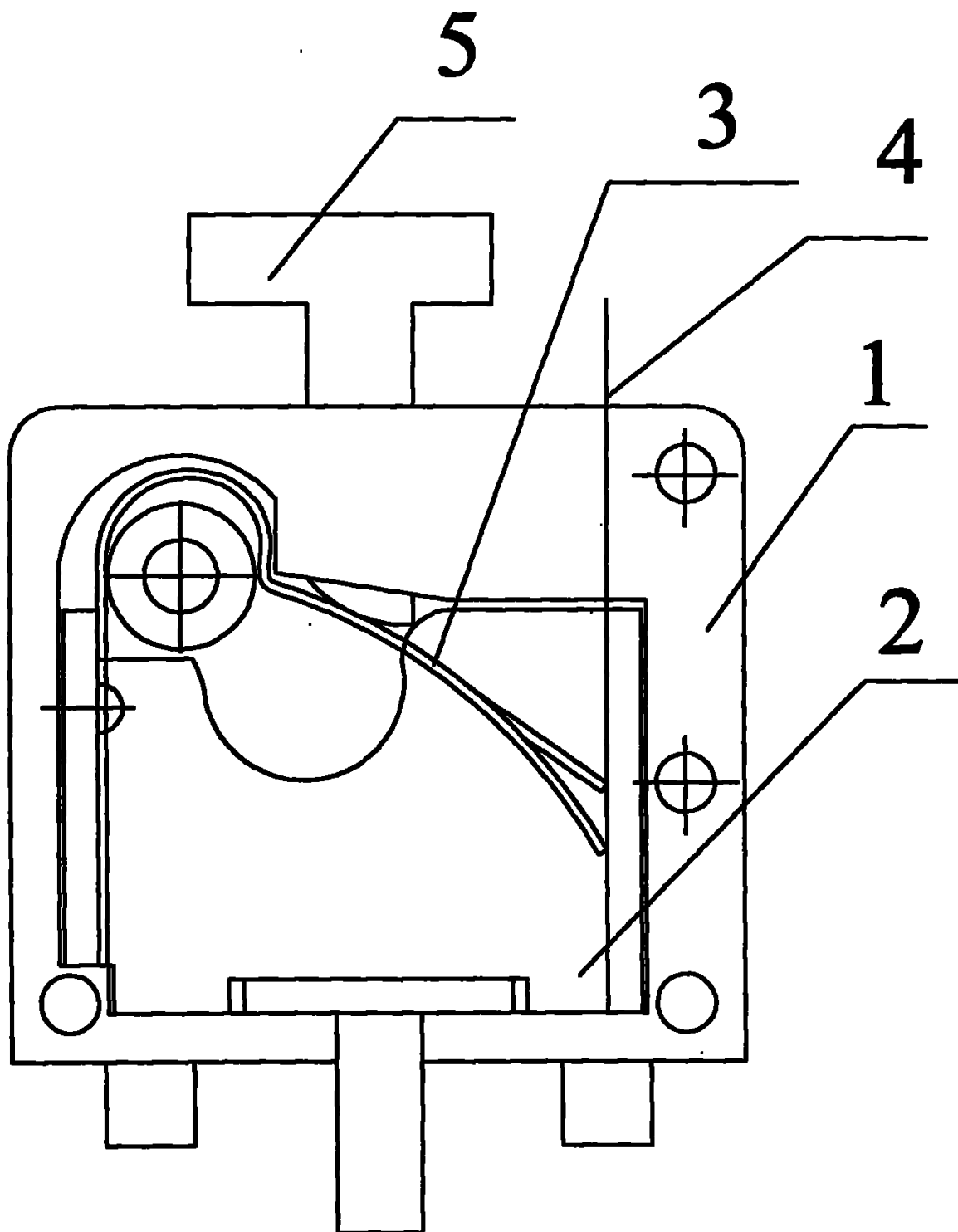
Inventors

MENG XIANGLIN

Family 11/20 - FAMPAT - ©Questel

Title

(CN201518354U)

Dedicated connecting terminal for circuit board of photovoltaic **junction box****Images**

CN201518354

U

2010-06-30

CN201518354U

**Abstract**

(CN201518354)

The utility model provides a dedicated connecting terminal for a circuit board of a photovoltaic **junction box**. The connecting terminal comprises a casing as well as a conductor and a spring piece arranged in the casing; a wire inlet is formed on the casing; the spring piece is arranged in the casing; one end of the spring piece is fixed on the inner surface of the housing, and the other end of the spring piece is propped against the side edge of the conductor and is in elastic contact with a conductive wire inserted into the casing; a first spring leaf and a second spring leaf are arranged at one end of the spring leaf in contact with the conductive wire; the first spring leaf is in V-shaped connection with the second spring leaf; and a plurality of convex **teeth** are formed at the tail end of the first spring leaf. In the utility model, convex **teeth** are formed at the tail end of the second spring leaf, therefore, when the spring piece is in elastic contact with the conductive wire, the friction between the spring piece and the conductive wire is increased, the conductive wire is not easily pulled out after being inserted in, the locking capacity of the connecting terminal is greatly increased, and the connection between the conductive wire and the conductor is more reliable.

Inventors

GUO XIAOPING

JIANG HEXING

Latest standardized assignees - inventors removedJIANGSU JINWEI **ELECTRICAL** TECHNOLOGY

Family 12/20 - FAMPAT - ©Questel

Title

(WO201924179)

Backpack-type wireless vr host system with auxiliary handle control function

Images

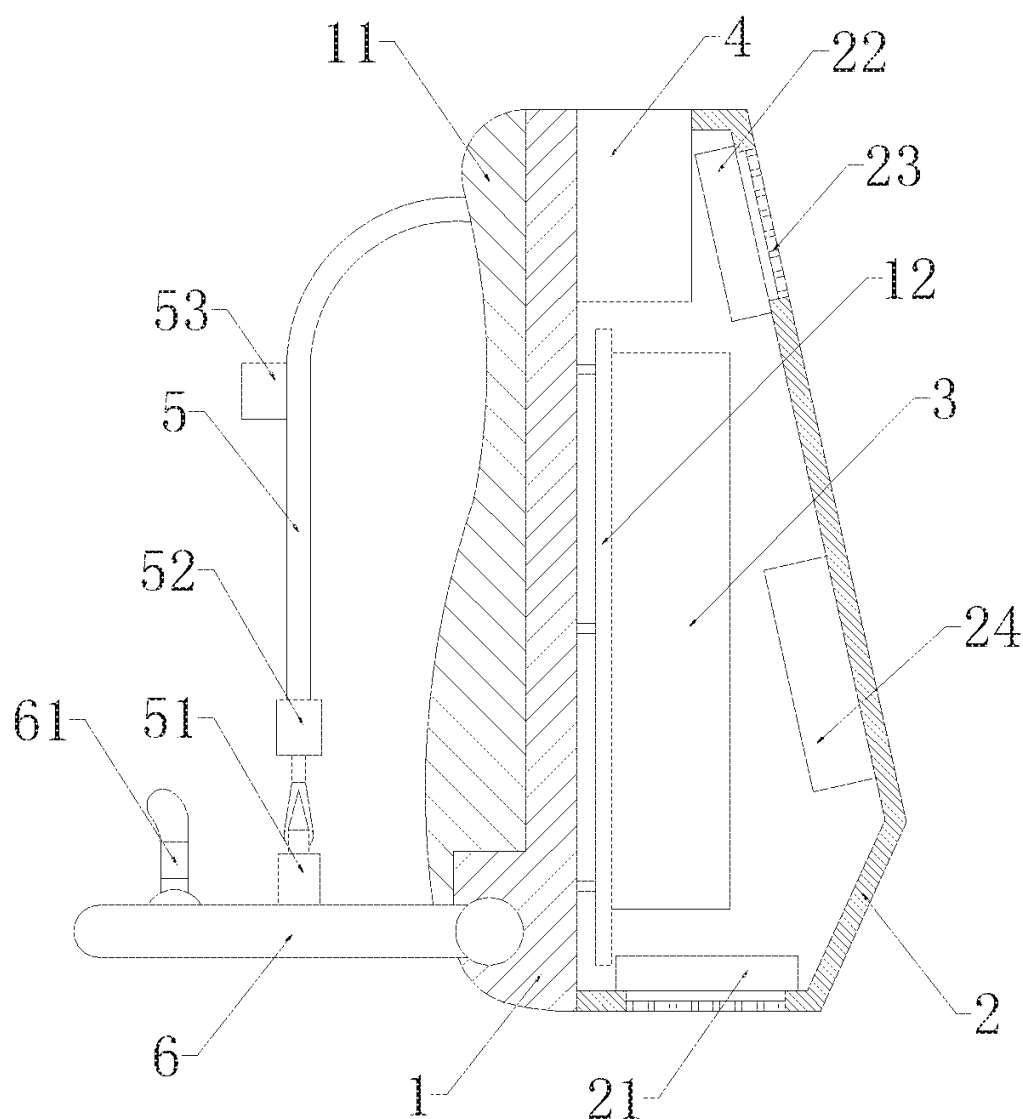


图 1

Publication numbers with kind code & date

WO2019/024179	A1	2019-02-07	WO201924179
CN107357357	B	2018-10-30	CN107357357B
CN107357357	A	2017-11-17	CN107357357

**Abstract**

(WO2019/024179)

A backpack-type wireless VR host system with an auxiliary handle control function comprises a support plate (1), a protective cover (2), a microcomputer host (3), a battery compartment (4), a **strap** (5), and an adjustable support bar (6). A mounting frame (12), a **junction box** (13), and a slot (14) are provided on the support plate (1). Multiple paired male and female connectors are disposed inside the **junction box** (13). The battery compartment (4) is provided on the support plate (1). A main body of the adjustable support bar (6) is composed of two symmetrical support rods (60). A control handle (61) is provided at one end of the support rod (60). The **strap** (5) is provided with a retractable cushioning device (52) and a revitalizing device (53). The host system has an appropriate and simple structure. The invention is convenient to use and serves as an excellent intelligent product, effectively solving the issue of existing VR host systems in which the range of motion of a user is limited.

Inventors

WONG KWOK HUNG

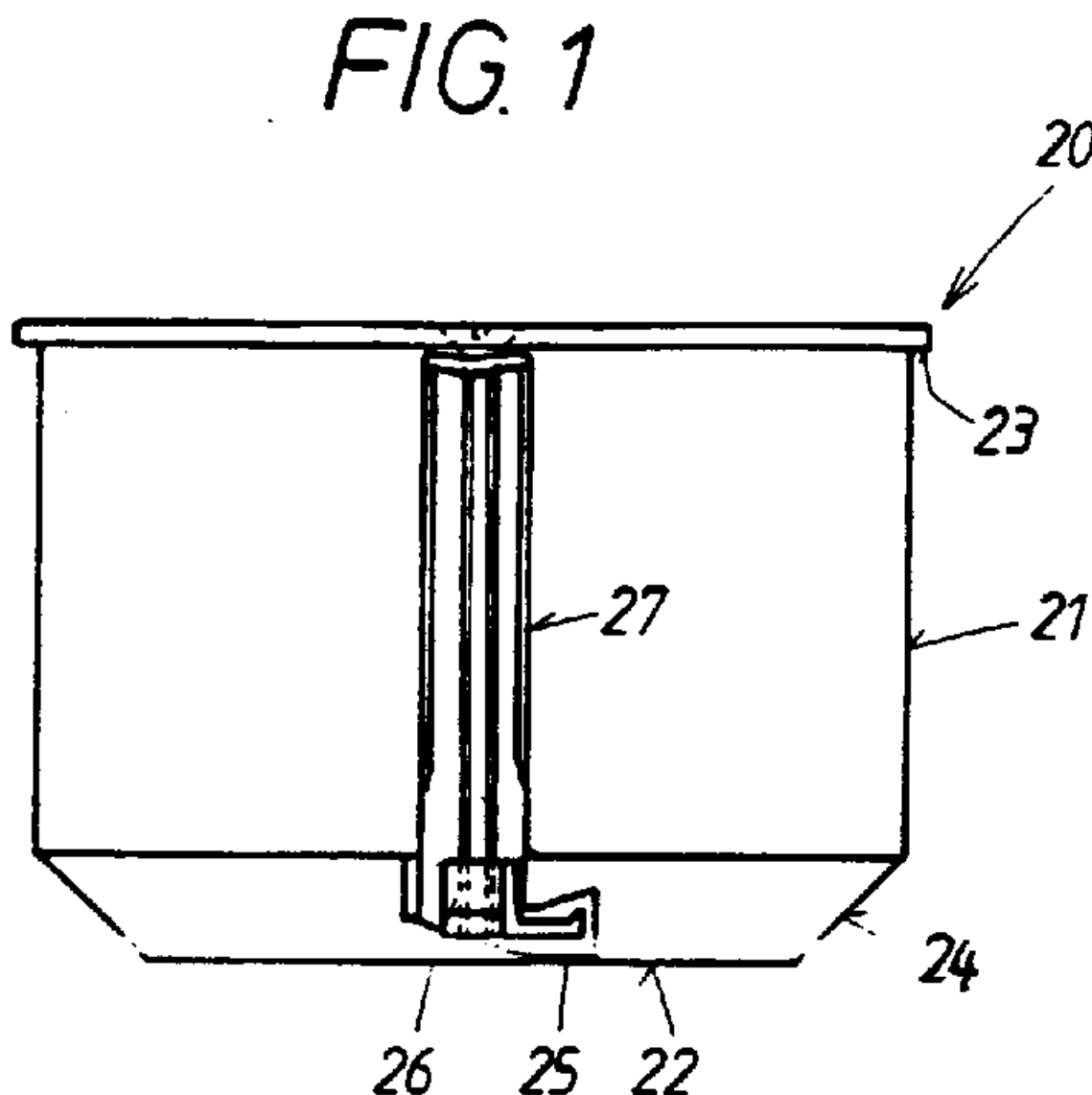
Latest standardized assignees - inventors removed

GUANGZHOU CHUQU TECHNOLOGY

Family 13/20 - FAMPAT - ©Questel

Title

(DE19519009)

Electrical wall socket outlet**Images****Publication numbers with kind code & date**

DE19519009	C2	1997-03-20	DE19519009
DE19519009	A1	1996-11-28	DE19519009

**Abstract**

(DE19519009)

An **electrical** socket outlet **box**, flush mounted in hollow wall, has a support flange on one side and all around on the other side are tongues which can be adjusted by screws and pivot inwards or outwards. When pivoted inwards, they lie within a space in the **box** and when pivoted outwards, interact with limiting walls on longitudinal guides on the **box** surface. There are clips for a retaining ring. Through an inclined position of the hole in a tongue, when the screw is tightened, a wedge action between the **box** surface and the lower area of contact of the wall is maintained. The inner thread of the tongue is

larger than the thread of the relevant screw.

Inventors

PURSCHKE NORBERT

PURSCHKE HELMUT

Latest standardized assignees - inventors removed

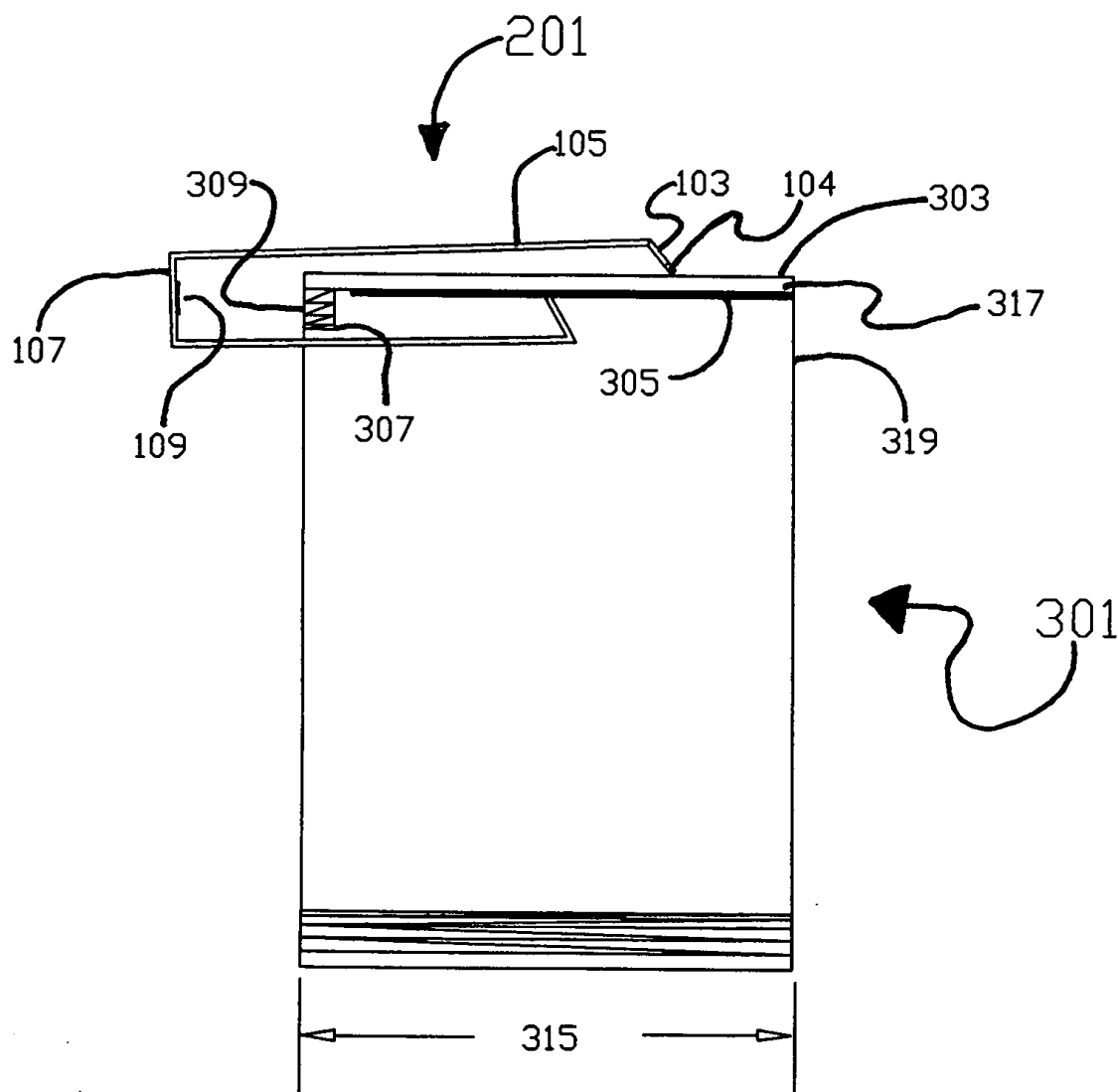
KAISER

Family 14/20 - FAMPAT - ©Questel

Title

(US20090183346)

Kira-clip

Images**Publication numbers with kind code & date**

[US20090183346](#)

A1 2009-07-23

US20090183346

**Abstract**

(US20090183346)

A clip device fabricated from a single piece of spring material shaped to be inserted along the top of an **electrical junction box** and provide a simple replacement for a screw flange damaged by use/ware and unable to support a screw that connects a cover plate to the **junction box**.

Inventors

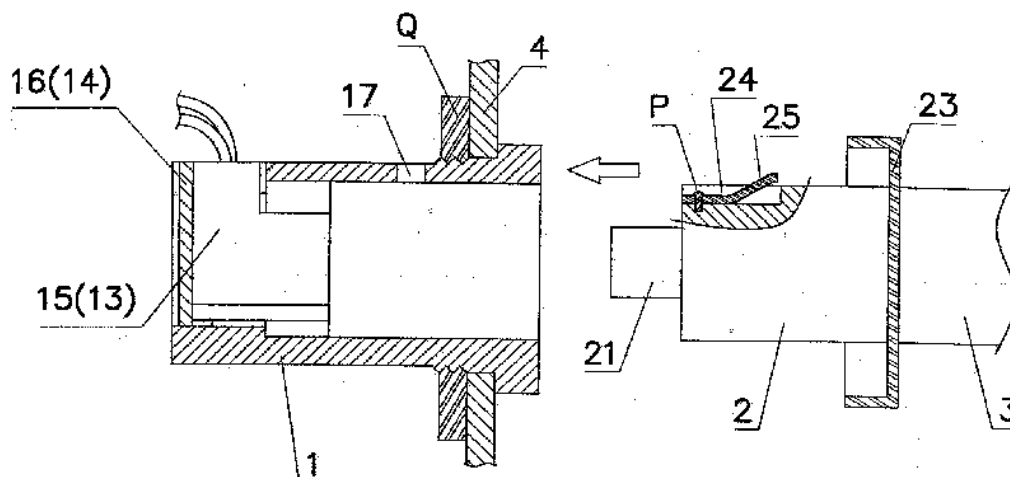
SMITH FITZGERALD VANN

Family 15/20 - FAMPAT - ©Questel

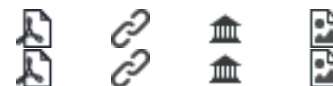
Title

(FR2861451)

Electrical connector for use on **electrical** lighting units has main socket unit that is clamped to housing and which receives a connecting plug that latches in position

Images**Publication numbers with kind code & date**

FR2861451	A3	2005-04-29	FR2861451
DE20314655	U1	2003-12-04	DE20314655

**Abstract**

(FR2861451)

The **electrical** connector for such as **electrical** lighting systems has a main body [1] that passes through a hole in a housing and is retained by a threaded ring [Q]. An **electrical** connector [15] is engaged by a plug [2] that connects to the lamp. The plug has spring latch [25] that deflects to locate in a slot [17] in the housing.

(From FR2861451 A3)

Inventors

WU WEN CHANG

Latest standardized assignees - inventors removed

WU WEN CHANG

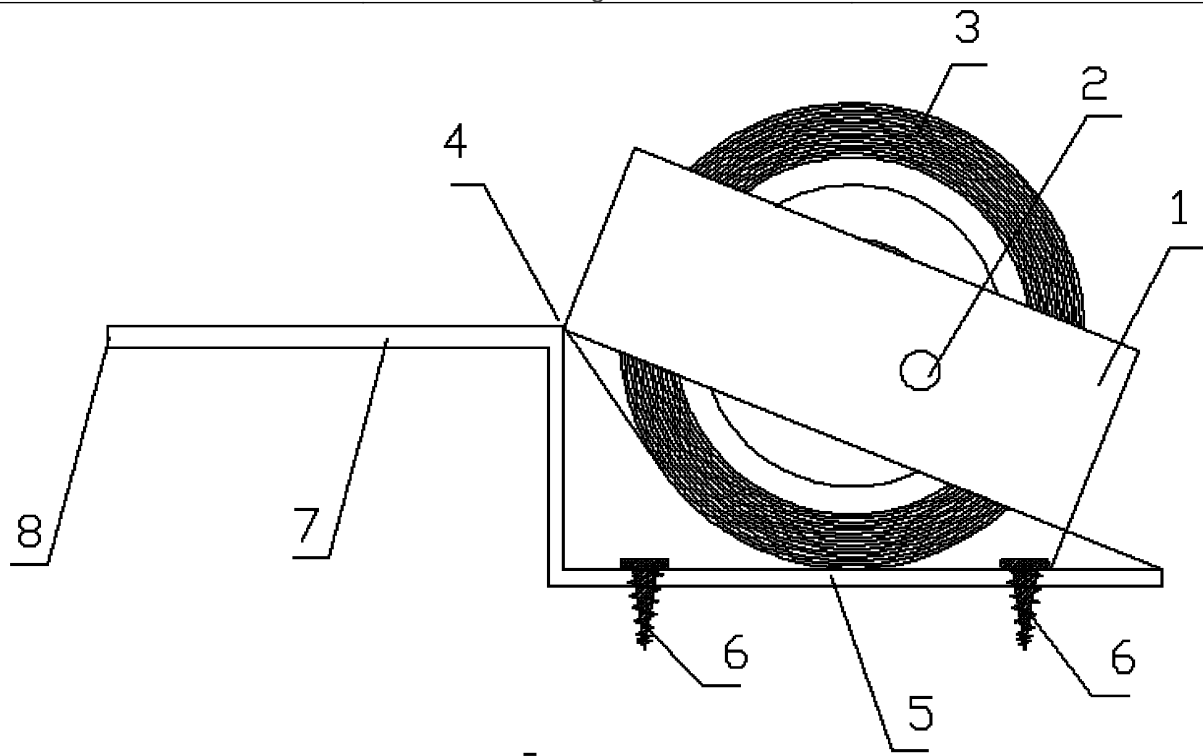
Family 16/20 - FAMPAT - ©Questel

Title

(CN204473309U)

Adhesive tape tying device

Images

**Publication numbers with kind code & date**

CN204473309

U

2015-07-15

CN204473309U

**Abstract**

(CN204473309)

The utility model discloses an adhesive tape tying device. The adhesive tape tying device comprises a base and a tying face, an adhesive tape **box** body is arranged on the base, an adhesive tape shaft pin is disposed in the adhesive tape **box** body, adhesive tape **teeth** are designed at the end of the tying face, one end of the adhesive tape **box** body is connected with the base, the other end of the adhesive tape **box** body is connected with the tying face, and a gap that serves as an adhesive tape outlet is reserved at a connecting position with the tying face. The adhesive tape tying device has the advantages that adhesive tape tying and cutting can be achieved once by the tying device, the structure is simple, the operation is convenient, the adhesive tape tying device is durable and safe without power, and costs are low.

Inventors

YANG SHICHUAN

LIU TAIPING

Latest standardized assignees - inventors removed

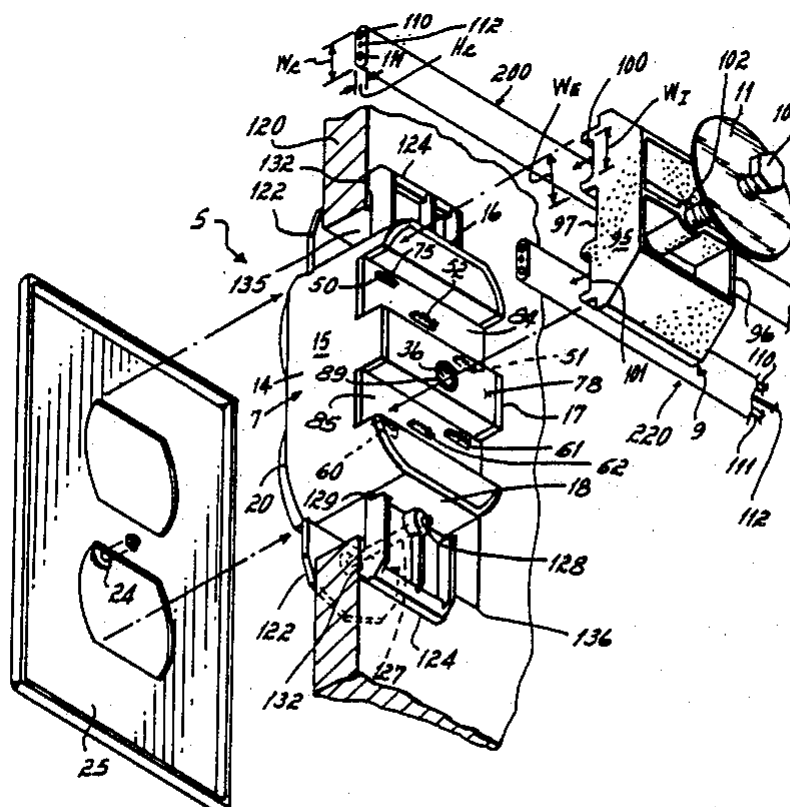
SICHUAN NIGALE BIOMEDICAL

Family 17/20 - FAMPAT - ©Questel

Title

(WO9102387)

Electrical apparatus to be directly coupled to sheathed cable and to wall structures**Images**



Publication numbers with kind code & date

WO91/02387	A1	1991-02-21	WO9102387
US4861279	A	1989-08-29	US4861279



Abstract

(WO91/02387)

The present invention provides **electrical** apparatus (5, 150) to couple wires (110, 111, 112) of a sheathed cable (200) to the conductors (40, 41, 42) of the apparatus and/or to the wires of another sheathed cable (220) without separately cutting the cable(s), removing the sheathing (118) and/or stripping insulation (114, 115) from the wires of the cable whereby to substantially reduce labor and material costs. The present invention further provides such apparatus which may be directly secured to a structural wall (120) thereby eliminating the use of **junction** boxes.

Inventors

SHEEHAN ROBERT K

SMESTER PAUL

Latest standardized assignees - inventors removed

CORECON

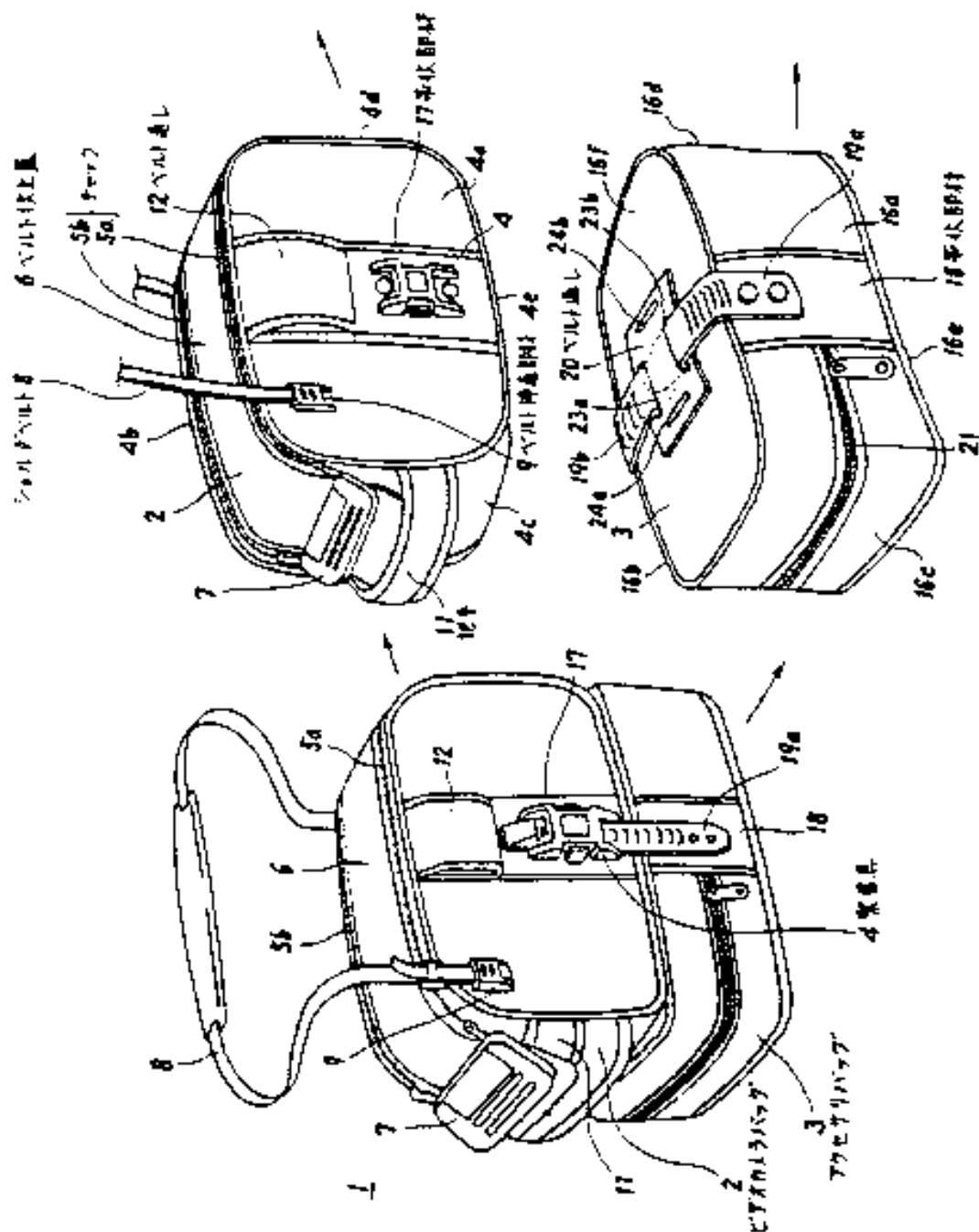
Family 18/20 - FAMPAT - ©Questel

Title

(GB2236475)

A case for carrying a video camera and accessories

Images



Publication numbers with kind code & date

JP2884625	B2	1999-04-19	JP2884625
KR0147809	B1	1998-08-01	KR100147809
GB2236475	B	1993-11-17	GB2236475
KR910007469	A	1991-05-30	KR19910007469
JP03123505	A	1991-05-27	JP03123505
GB2236475	A	1991-04-10	GB2236475
GB9021633	D0	1990-11-21	GB9021633

Abstract

(GB9021633)



A video camera carrying bag comprises a first bag 2 for the camera and a second bag 3 for accessories, such as a battery, battery charger and tapes, the bag being detachably fastened together by adjustable fastening means 4, 19a. The fastening means may comprise belts 19a (19b) with ratchet **teeth** (32, Fig 5 not shown) attached to bag 3 lockable in buckles 4 having engaging members (31, Fig 5) attached to bag 2. Bag 2 may also include handle 11 and shoulder **strap** 8. The bags 2, 3 may also include respective belt loops 12 (20, Figs 1D, 1E, not shown) and respective fur-surfaced plastics reinforcing boards (14, 22, Figs 2A, 4B not shown). <IMAGE>

Inventors

KAMAYA NAOKI

NISHIMURA KOICHI

Latest standardized assignees - inventors removed

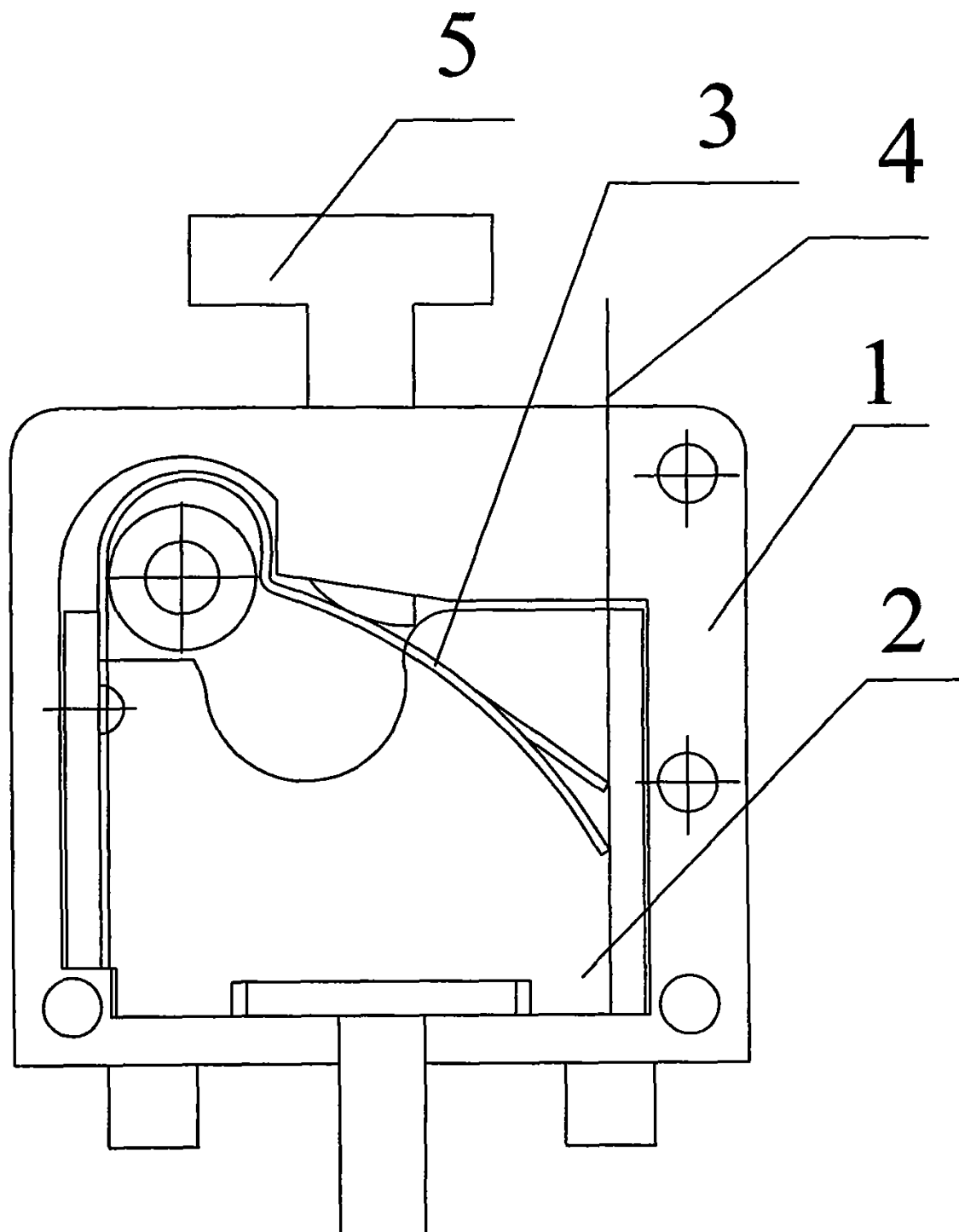
SONY

Family 19/20 - FAMPAT - ©Questel

Title

(CN101673883)

Wire connecting terminal special for photovoltaic wire connecting **box** circuit board**Images**

**Publication numbers with kind code & date**

CN101673883

A

2010-03-17

CN101673883

**Abstract**

(CN101673883)

The invention provides a wire connecting terminal special for a photovoltaic wire connecting **box** circuit board. The wire connecting terminal comprises a shell, an electric conductor arranged in the shell and a spring piece, wherein a wire inlet is arranged on the shell; the spring piece is arranged in the shell; one end of the spring piece is fixed on the inner surface of the shell, while the other end is abutted against the side edge of the electric conductor and in elastic contact with a lead inserted in the shell; the end of the spring piece in contact with the lead comprises a first elastic piece and a second elastic piece which are connected in a V shape; and the tail end of the first elastic piece is provided with a plurality of convex **teeth**. Because the tail end of the second elastic piece is provided with a plurality of convex **teeth**, when the spring piece is in the elastic contact with the lead, friction force between the spring piece and the lead is increased, thus the lead is not easy to pull out after being inserted in the shell. The locking capacity of the wire connecting terminal is greatly improved

and the connection between the lead and the electric conductor is more reliable.

Inventors

GUO XIAOPING

JIANG HEXING

Latest standardized assignees - inventors removed

JIANGSU JINWEI **ELECTRICAL** TECHNOLOGY

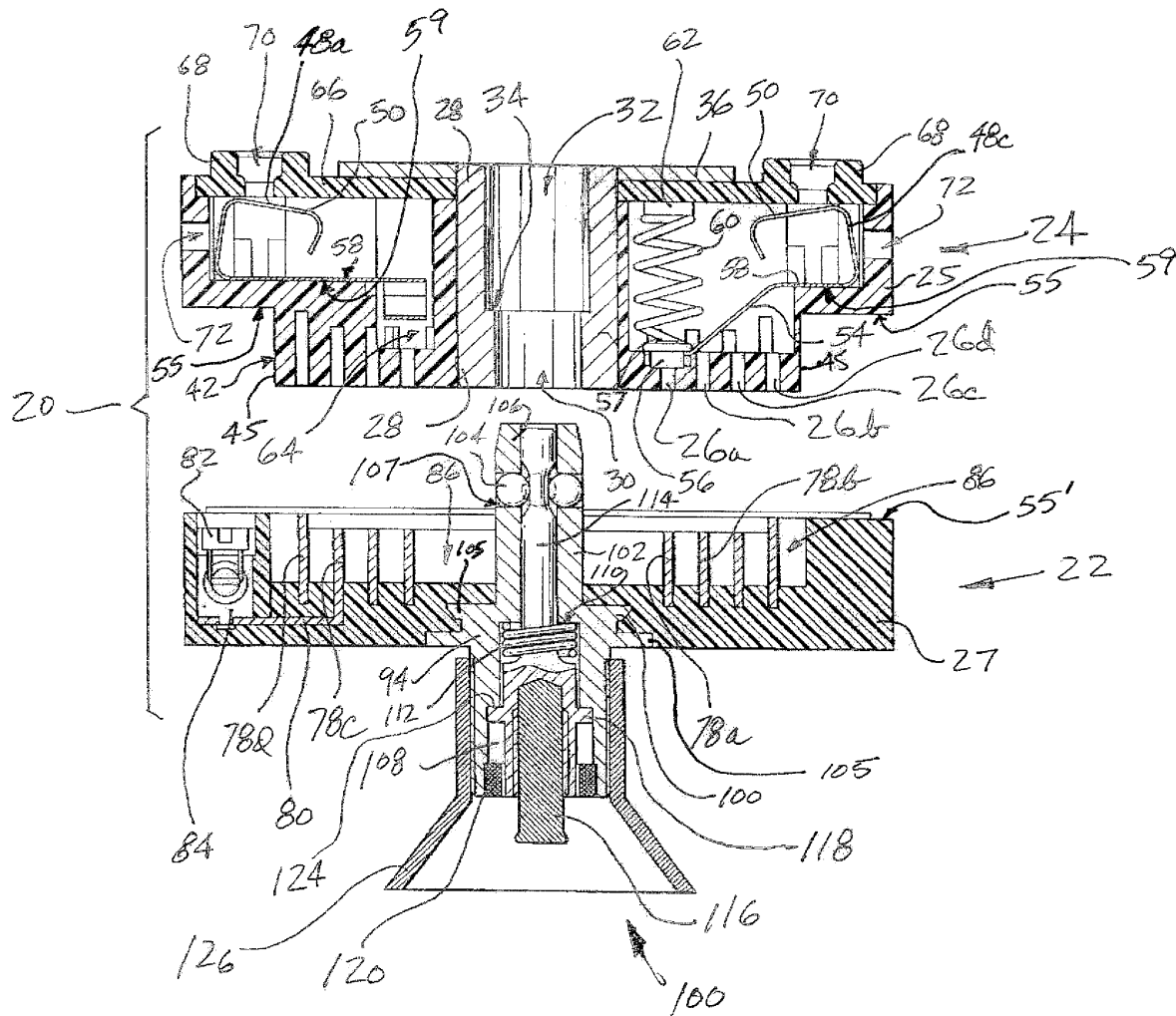
Family 20/20 - FAMPAT - ©Questel

Title

(US7192303)

Quick connect device for **electrical** fixtures

Images



Publication numbers with kind code & date

US7192303

B2 2007-03-20

US7192303

US20050148241

A1 2005-07-07

US20050148241



Abstract

(US20050148241)

A device for connecting and supporting **electrical** fixtures includes a male **electrical** plug, a mating female **electrical** socket and a releasable latch assembly for both holding the plug in the socket and mechanically mounting the fixture on a supporting surface or an **electrical** box. The plug is provided with concentric, ring shaped male connectors that are matingly received within similarly shaped female recesses in the socket to allow the fixture to be rotated to any of a plurality of mounting orientations. The releasable latch assembly is controlled by the stroke of a simple push rod operated by a user's thumb or finger. A cover may be used for covering the socket when a plug is not installed.

Inventors

KOHEN RAN

Latest standardized assignees - inventors removed

SAFETY QUICK LIGHTING & FANS