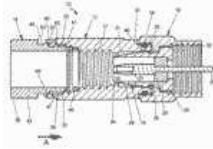
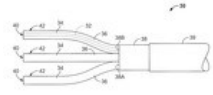
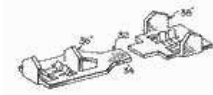
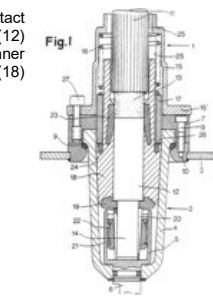
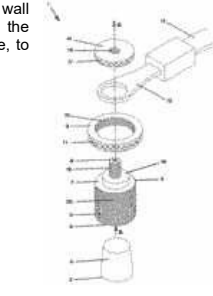
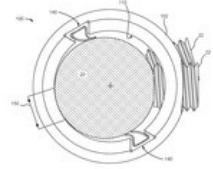
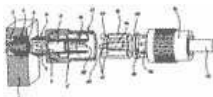
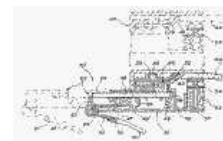


822 results for ((connect+)/TI/AB/CLMS/DESC/ODES/OBJ/ICLM/ADB/KEYW/TX AND ((interior or inner) 5d wall)/TI/AB/CLMS/DESC/ODES/OBJ/ADB/ICLM/KEYW/TX AND (hole+)/TI/AB/CLMS/DESC/ODES/OBJ/ADB/ICLM/KEYW/TX AND (bolt+)/TI/AB/CLMS/DESC/ODES/OBJ/ADB/ICLM/KEYW/TX AND (isolation or insulating)/TI/AB/CLMS/DESC/ODES/OBJ/ADB/ICLM/KEYW/TX AND (cable+ or wire+)/TI/AB/OBJ/ADB/ICLM AND (diameter)/TI/AB/CLMS/DESC/ODES/OBJ/ADB/ICLM/KEYW/TX AND (length or long+)/TI/AB/CLMS/DESC/ODES/OBJ/ADB/ICLM/KEYW/TX) AND (H01R-004)/IPC - Collection: FAMPAT

#	 Title	Publication number	Publ. date	Applicant/Assignee	
1.	Prepress coaxial cable connector	BRPI0604320	2006-12-19	PPC BROADBAND* THOMAS & BETTS	
A coaxial cable connector (10) includes a connector body (12) and an annular post (14) coupled to the connector body. The connector body (12) has a rearward cable receiving end (22) and an internal threaded surface (21) defined in the rearward cable receiving end (22). The internal threaded surface (21) is adapted to threadably engage an outer surface of a coaxial cable (60). The annular post (14) has a rearward cable insertion end disposed within the connector body, which preferably defines a sharp edge (30) adapted to penetrate an end of the cable (60) as the connector body is threaded on the outer surface of the cable (60) (see diagramm)					
2.	Cable connector systems and methods including same	WO2013158424	2013-10-24	TE CONNECTIVITY* TYCO ELECTRONICS*	
A cable connection assembly includes an electrically conductive cable , an electrically conductive connector , and a flowable sealant. The electrical cable includes a conductor. The connector includes a connector body having an outer surface and a lengthwise connector axis. The connector body defines a conductor cavity receiving the conductor of the electrical cable . The connector further includes a sealant flow blocking wall on the connector body and extending radially outwardly from the outer surface of the connector body. The flowable sealant surrounds a portion of the connector body. The sealant flow blocking wall is configured to inhibit flow of the sealant on the outer surface along the lengthwise connector axis.					
3.	Flat wiring system and crimped connection	DE2544893	1976-05-13	TE CONNECTIVITY*	
Power distribution system for building wiring comprises a flat three conductor cable which is mounted on a surface, such as a floor, and tap cables extending laterally to outlets, loads, and controls. The tap connections of the branch or tap cables are made with electrical connectors crimped onto conductors in the distribution cable and the brand cable . An improved crimp is disclosed for making these connections .					
4.	Plug-type connecting device for cables	DE4239648	1994-06-01	KARL PFEIFFER ELECTRONIC TECHNOLOGY SPECIAL PRODUCTS KARL PUFUISUTERAA EREKUTOROTEHINISHIE SUPETSUIARUARUTEIKERU PFISTERER*	
In a plug-type connecting device with a cable plug (1) pluggable into the tip jack (2) for electric cables of a high-voltage energy supply network, the cable plug (1) has a contact body (21, 22) which can be secured on an insulated end section of the cable (11) and a sealing body (18) made of silicone rubber which can be slid on the cable insulation (12) and forms an outer cone tapering in the direction of the contact body. The outer cone can be pressed against the section of the inner wall of the tip jack (2) shaped as an inner conus, ensuring electric and mechanical tightness. The silicone rubber has 20 to 35, preferably 25 to 30 Shore-A hardness, and the pressure which presses the sealing body (18) against the inner wall of the tip jack (2) lies between 5 and 20 N/cm<2>.					
5.	Cable connector device for a battery	WO2007046720	2007-04-26	DOWMAN KEVIN PATRICK KEVIN DOWMAN KEVIN PATRICK DOWMAN* Kelvin Patrick Dorman	
This invention relates to a cable connector device for use on a battery terminal post, the cable connector including a conductive mounting cap having an internal mounting wall with a surface area corresponding with the surface area of a said battery mounting post to enable, in use, the cap to be mountable over the said battery mounting post, the mounting cap including a cable mounting post integral with or attachable to the mounting cap, the cable mounting post being adapted with a cable fastening means, in use, to receive and fasten an electrical cable thereto.					
6.	Cable wire brushing connector and method thereof	BR102016003605	2016-03-01	THOMAS & BATES INTERNATIONAL THOMAS & BETTS*	
An electrical connector (100) includes a body (102) having a bore (104) and an interior surface (110). The bore (104) is sized to receive a cable conductor (20) of an electrical power cable (14). The body (102) includes a groove (120) disposed along a length of the interior surface (110). A wire brush insert (140) is located within the groove (120) and includes a plurality of bristles (144) that extend into at least a portion of the bore (104). Rotating the cable wire brushing connector (100) relative to the cable conductor (20) cleans the cable conductor (20) prior to securing the cable conductor (20) within the cable wire brushing connector (100).					
7.	Cable connector	DE29806645	1998-08-13	PHOENIX CONTACT*	
The cable plug connector has a contact carrier (5) contg. sockets or pin contacts with parallel blades (10) on their connection ends in which cable wires (11) can be pressed whilst separating the insulating material to contact the core. The contact carrier has a thread (13) for a nut (14) parallel to the blade. A guide part (15) holding the wire can be fixed between the screwed-on nut and the contact carrier. The guide part has slots (16) which cross the held wire and with which the guide part can be slid onto the blade with the nut when the nut is screwed on.					

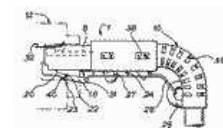
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| 8. | Disconnectable male connector for use in a communication network | WO9418724 | 1994-08-18 | ALCATEL CABLE
ALCATEL LUCENT*
INTERCONNECTION INF
MARS ACTEL |
|----|---|-----------|------------|---|

Disconnectable male **connector** for use in a communication network comprising means for **connecting wires** (43), corresponding to the lines of a communication **cable** (44), and the terminals of a female **connector**, which are linked to the lines of a switching network, during insertion of said male **connector** into the female **connector**. Also included are means (41) for locking the male **connector** to the female **connector**, wherein said **connection** means (46, 81, 100) and locking means (41, 80) can be disconnected when the **cable** is pulled (44). Application especially in an integrated services digital network.



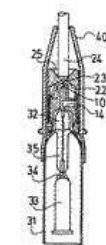
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| 9. | Male connector for data and/or telephone communication network. | CA2046230 | 1992-01-12 | ANTERUKONEKUSHIYON
ANFUORUMATE
BULL
INTERCO*
INTERCONNECTION INF
INTERCONNECTION INFORMATIQUE |
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The invention relates to a male **connector** for a telephone and/or data processing communications network. This **connector** has an **insulating** support (1), in which are embedded **connecting** terminals **connected** to lines of a **connection cable** (10). It also has a rigid elastic tongue (19) integral with the support (1) and inclined with respect thereto, permitting the locking of the male **connector** in the female **connector**, as a result of a shoulder (22) on said tongue. This **connector** is essentially characterized in that it also has a slide **bolt** (24) engaging beneath the tongue and **connected** to the **cable** (10), in order to release the tongue (19) when pulling takes place on the **cable** (10), when the male **connector** is inserted in the female **connector**.
(From US5090916 A)



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| 10. | High voltage transformer cold cathode electrode rapid cable connection having conductor cavity screwing with cavity hole cable end passing/ cooperating with central conductor tip. | ES2162613 | 2001-12-16 | LUMINOSOS IBERIA* |
|-----|---|-----------|------------|-------------------|

The rapid **cable connection connector** has a conductor with its tip screwing into a cavity and an associated conductor socket. The cavity has a base wall (22) with a **hole** (23) for the **cable end** (24) blocking the **cable** in the end position and cooperating with the conductor tip (10).



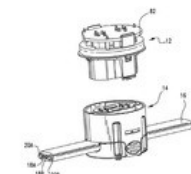
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| 11. | Solder-on connector for coaxial cable | US6439924 | 2002-08-27 | CORNING GILBERT
CORNING OPTICAL
COMMUNICATIONS* |
|-----|---|-----------|------------|---|

A solder-on **connector** (6) for a coaxial **cable** (8) includes a body (12) having a bore (19) for receiving the outer conductor (30) of the **cable**, a center pin (20) for **connection** with the center conductor (30) of the **cable**, an insulator (22) disposed within the bore of the body for supporting the center pin, and a nut (14) or similar fastener for securing the **connector** to a mating **connector**. The insulator extends rearwardly within the body to abut the both the **inner wall** of the body and the inserted end of the outer conductor (26) of the **cable**. The rearmost portion (34) of the insulator serves as a solder dam to prevent excess solder (27) from flowing into the bore of the body beyond the end of the outer conductor of the **cable**. The rearmost end (13) of the body includes an enlarged **diameter** region (48) for receiving a portion of the **cable jacket** (24). An inwardly-directed annular shoulder (54) formed upon such enlarged **diameter** region captivated melted portions (52) of the **cable jacket** when the outer conductor is soldered to the body.



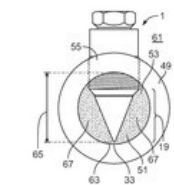
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| 12. | Weather-resistant cable connector , electrical modules and weather-resistant assemblies thereof | WO2010082967 | 2010-07-22 | MOLEX* |
|-----|--|--------------|------------|--------|

The present disclosure is directed **cable connectors** (14), electrical modules (12) and assemblies thereof. The **cable connectors** can provide a sealed **connection** having a rating of IP 66/67 between electrical modules such as lighting fixtures and an insulated **cable** (16). **Cable connectors** can be quickly and easily engaged and disengaged with electrical modules to create customizable electrical assemblies. The **cable connector** can have an upper portion (22) having piercing pins (26) for penetrating the **cable** at one end and contacting terminals (76) of the module at another end, and a lower portion for clamping against the **cable** and locking to the upper portion. A gel mat (44A) can be provided in an area surrounding the piercing pins for sealing the area from water and dust. The module can include a skirt for engaging with an elastomeric sleeve on the upper portion to create a seal when the module is mated with the **cable connector**.



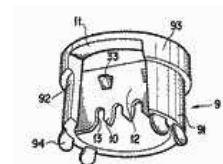
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| 13. | Binding screw for a wire connection assembly and wire connection assembly | CA2962096 | 2016-03-31 | TYCO ELECTRONICS SIMEL* |
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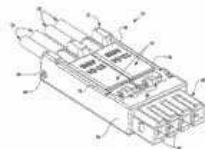
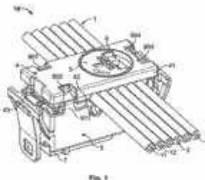
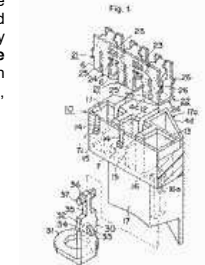
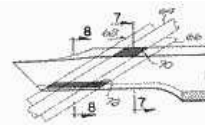
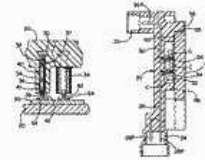
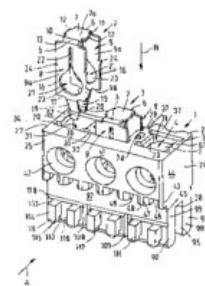
The invention is related to a binding screw (1) for a **wire connection** assembly (47) and to a **wire connection** assembly (47) for stranded **wires**, especially for flexible aluminum **wires**. In order to provide a binding screw (1) for a **wire connection** assembly (47), such as a splice **connector** or a lug, especially for **connecting** flexible aluminum **wires**, wherein the binding screw (1) comprises along a central axis C of the binding screw (1) a driving section (5), a threaded section (9), and a contact section (17) for establishing electrical contact with a stranded **wire**, which is capable of establishing a good electrical contact with an aluminum **wire** and which is further capable of providing a good fixation of an aluminum **wire** inside a **connector** body, both without damaging the aluminum **wire**. It is intended according to the invention that the contact section (17) has a tapered penetration portion (19), wherein a **length** of the tapered penetration portion (19) is at least as large as $\frac{1}{4}$ of a **diameter** (23) of the binding screw (1) in the threaded section (9). For the **wire connection** assembly (47) according to the invention, it is intended to use at least one binding screw (1) according to the invention.

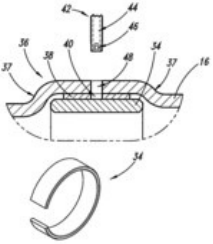
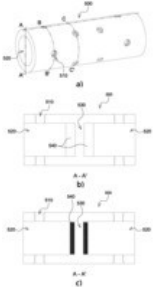
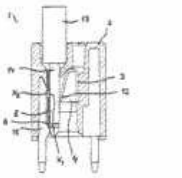
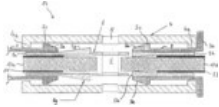
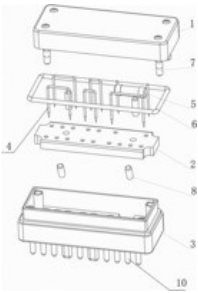
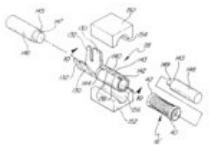


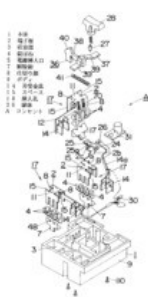
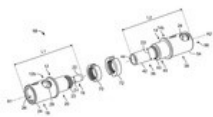
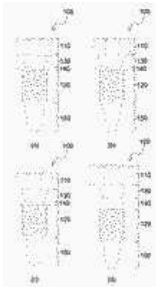
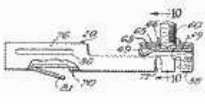
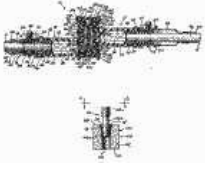
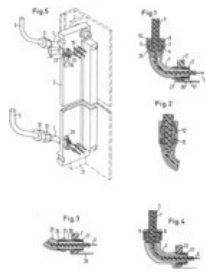
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| 14. | Connection device | IT8767932 | 1987-11-03 | LACROIX JACQUES
ЛАКРЮА ЖАК* |
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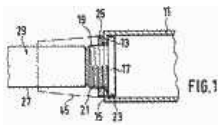
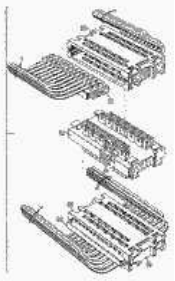
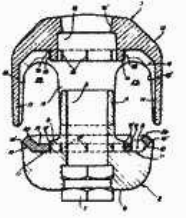
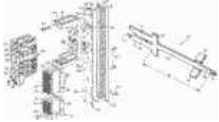
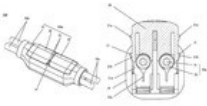
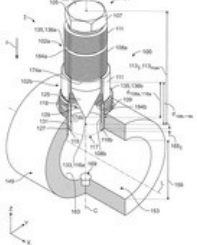
A **connection** device is provided including a housing with a chimney for inserting **wires** to be **connected**, extended inside the housing, and in which a catch is locked. A plug, having a slotted clip for gripping, pulling and stripping the **wires** by extrusion of their sheath between the catch and the clip, is driven into the housing. The clip is locked on the housing. The space between the clip and the catch is less than the **diameter** of the core of the **wires**.

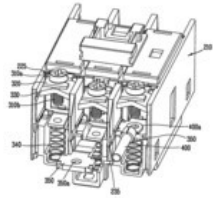
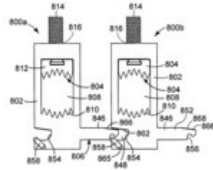
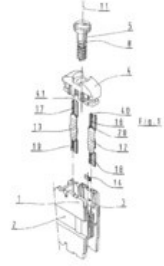
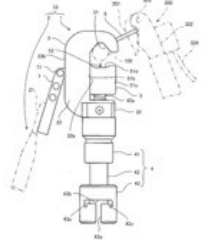
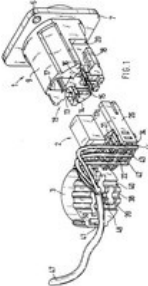
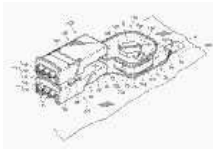


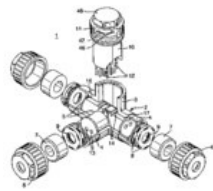
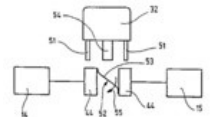
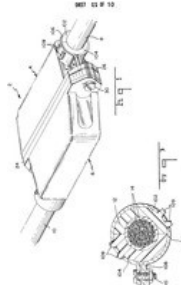
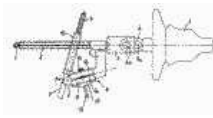
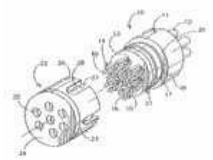
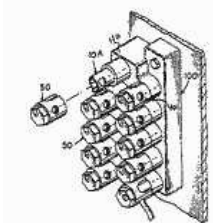
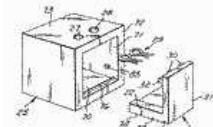
15.	Electrical connector assembly and method	US7845968	2010-12-07	PHOENIX CONTACT*	
An electrical connector assembly for forming insulation displacement connections with conductors in small wires includes a wire carrier and a base. Pierce points on the base are slid along opposed walls in a slot in the carrier to align small tips on the ends of the pierce points to form electrical connections with a conductor in a wire in the carrier. The connections are located inwardly of the slot walls.					
16.	Bus connector for a ribbon cable and corresponding method for its connection	EP1983616	2008-10-22	EATON INDUSTRIES* TE CONNECTIVITY GERMANY*	
The connector (10) has an upper housing (4) and a lower housing (5) for attaching to a ribbon cable (1). The upper housing and the lower housing are compressed into each other using a mounting tool such that contact of conductors (11, 12, 16) of the cable with a set of cutting clamps in the lower housing is made, and simultaneously a selective cutting of one of the conductors of the cable is performed. The upper housing has a cover part (41), which is locked with a base part (42) by a set of arresting units for fixing the cable . An independent claim is also included for a method for attaching a bus connector at a ribbon cable .					
17.	A connecting construction between a coil wire and a lead wire and a stator having such a connecting construction	EP0647984	1995-04-12	MITSUBA*	
A connecting construction between a coil wire (6, 7) and a lead wire (8) comprises: coil connection concave areas (11, 12) for holding a position state of the lead wire (7); the coil wire connection terminal (21) which is electrically connected to coil wire end (7), inserted in the coil wire connection concave area; the lead wire terminal (30), one end of which is connected to the lead wire (8), and the other end of which is inserted in the lead wire connection concave area (13); the connecting portion (36) which is unitarily formed at the inserting end portion of the lead wire terminal (30); and the lead wire connection terminal (22) which is inserted in the connecting portion (36); the lead wire connection terminal (22) is unitarily connected to the coil wire connection terminal (21). Two coil wire ends (7, 7) and the lead wire (8) are electrically connected to each other through the coil wire connection terminal (21), the lead wire connection terminal (22), and the lead wire terminal (30). The lead wire terminal (30) is strongly formed, and is inserted in the lead wire connection concave area (13), and is thereby fixed, so that the heat resistance and the vibration proof is extremely high.					
18.	Electrical connector and contacts therefor	DE2536135	1976-04-15	ITT* ITT INDUSTRIES	
A multicontact electrical connector comprising a two-piece connector housing in which electrical contacts are mounted within one of the housing sections. The rearward ends of the contacts are provided with slotted tubular termination sections which are adapted to receive insulated wires to form electrical and mechanical connections between the contacts and the wires . The second section of the housing functions as a tool which forcibly inserts the wires into the termination sections of the contacts at an acute angle. A plurality of wires may be connected to the contacts simultaneously at a work site without the necessity of any special tool or fixture. The termination sections of the contacts may be utilized for terminating flat cables as well as insulated round wires .					
19.	Electrical connectors	US5382169	1995-01-17	CINCH CONNECTORS* LABINAL SAFRAN ELECTRICAL & POWER	
Electrical connector devices are provided for interconnecting external conductors with a connecting member such as a circuit which has upwardly projecting components that are adjacent contact areas on an exposed surface. The connector device comprises an insulator body for supporting a plurality of conductor elements in spaced relation to one another. The insulator body includes a plurality of cantilever hollow projections which have a length that exceeds the height of the components above the contact surfaces. The projections extend from the conductor sites generally parallel to one another and are disposed to mate the contact surfaces while providing spaces therearound to receive and accommodate the components. The insulator body preferably is a unitary molded body which includes the projections. An axially compressible conductive means extends through each of the hollow projections from the respective conductor site to an exposed end at the distal end of the respective projection. Preferably each compressible conductive means includes a wadded wire contact button and an exposed end plunger. (see diagramm 1 page 0)					
20.	Electrical plug-in connector with at least one insulation displacement contact element consisting of a sheet metal stamping, and corresponding mating connector	WO200055943	2000-09-21	LEAR*	
The invention relates to an electrical plug-in connector comprising at least one plug-in connector housing and at least one insulation displacement contact element that can be plugged into said connector housing and that consists of a sheet metal stamping with a contact base plate. A first contact plate and a second contact plate are moulded onto the opposing edges of said contact base plate in one piece and are each bent in the same direction across a respective bending area. Each contact plate has an insulation displacement contact device for a conductor wire and contacting elements are provided on the insulation displacement contact element for configuring a contacting device for a detachable, plug-in contacting of a mating contact element. At least one contact plate is designed as a contact arm. The insulation displacement contact device is mounted on the bending area side at the end of the contact arm. The free end of said contact arm has at least one element of the contacting device and a mating connector which has a mating connector housing with a connection area in which at least one mating insulation displacement contact element for contacting a conductor wire is mounted. The mating connector housing also has a plug-in unit for a plug-in connector which is located on an extended part of the connection area. A contact area of the mating insulation displacement contact element is configured in the form of a contact element for the edge of a printed circuit board and projects into the plug-in unit.					
21.	Dry power cable termination	WO2016012918	2016-01-28	TYCO ELECTRONICS*	
The present disclosure discloses a dry power cable termination, comprising: an insulation sleeve, a silicone rubber tube and a stress control cone received within the insulation sleeve. A power cable is inserted from the inlet of the insulation sleeve and extends out from the outlet of the insulation sleeve. The dry power cable termination further comprises: a shielding sleeve fitted over an exposed segment of an insulation layer of the power cable ; an electrode electrically connected to a first end of the shielding sleeve; an electric connection assembly used to electrically connect a second end of the shielding sleeve to a conductor core of the power cable ; and a clamping pipe clamped over the conductor core of the power cable . In the present disclosure, since the power cable runs through the whole insulation sleeve, thus, there is no need to provide a copper rod for electrically being connected with the conductor core and a copper connection-peg for connecting the copper rod to the conductor core in the insulation sleeve. Thus, the present invention reduces the cost of the dry power cable termination. Furthermore, since the installation substrate and the tail tube is electrically insulated from each other by the insulation sleeve, there is no need to mount multiple insulators on the installation substrate, so as to further reduce the cost of the dry power cable termination.					

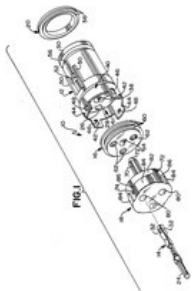
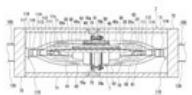
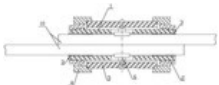
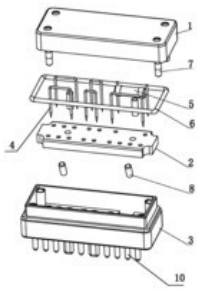
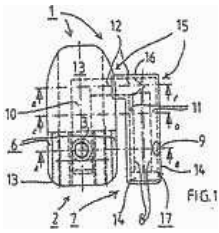
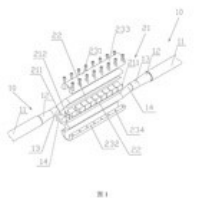
22.	High-pressure power cable connector	US20050191910	2005-09-01	NOVINIUM*
A high-pressure connector (20) for an electrical power cable segment (10) having a central stranded conductor (14) encased in a polymeric insulation with an interstitial void volume in the region of the conductor (14). The connector (20) confines a fluid within the interstitial void volume at a residual pressure above atmospheric, but below the elastic limit of the insulation jacket (12). A housing (16) interior chamber receives the conductor (14) in fluid communication with the interstitial void volume. Some embodiments have the chamber sized to receive and overlap a portion of the insulation jacket (12) with a housing (16) end portion swaged thereto. A seal (38) seals the insulation jacket (12) with respect to the housing (16) and a retaining member secures the cable segment (10) to the housing (16) to prevent pushback of the insulation jacket (12) at the residual pressure.				
				
23.	Conductor sleeve and cable connector having the same	KR20170042167	2017-04-18	LS CABLE & SYSTEM*
The present invention relates to a conductor sleeve for a cable connector, and a cable connector having the same. Specifically, the present invention relates to a conductor sleeve for a cable connector which can solve a problem of increasing resistance and heating in a conductor connection unit of the cable connector, and can easily perform a cable connection construction, and a cable connector having the same. The conductor sleeve comprises: two or more conductor insertion grooves having a conductor of a connected cable inserted therein; a conductor fixation unit for fixing the conductor inserted in the conductor insertion groove; an insertion adjustment unit for enabling the conductor inserted in the conductor insertion groove to be inserted with uniform length; and an intermediate connection unit for physically connecting a terminal of the conductor inserted in the conductor insertion groove to the insertion adjustment unit.				
				
24.	Connector	EP2280453	2011-02-02	VAGO FERVAL TUNGSGEZELL SHAFT MBKH WAGO VERWALTUNGSGESELLSCHAFT WAGO VERWALTUNGSGESELLSCHAFT MBH* WAGO VERWALTUNGSGESELLSCHAFT MIT BESCHRANKTER HAFTUNG
The connector (1) has a conductor-connection space (4) provided with a spring element (3) and assigned to a spring loaded clamping connector. A contact pin-insertion opening (8) exhibits a breadth of passage (9) over length in an extension direction in an area outside a clamping end (12) towards a housing side (5) and underneath a clamping end (12) towards another housing side (7). The former breadth is less than breadth between opposite side walls of the conductor-connection space that is limited at a passage at the contact pin-insertion opening.				
				
25.	Cable connector for use in cable connecting arrangement, has retaining socket with end sections for retaining cable ends, and clamping sockets of outer socket slidingly movable at end sections of retaining socket	DE102006036538	2007-09-20	HANDBAUER GERHARD
The connector has a retaining socket (1) with end sections (1a, 1b) for retaining cable ends (10a, 10b), and clamping sockets (2, 3) of an outer socket (4) slidingly movable at the end sections of the retaining socket. A guide is provided in the end sections, and connects with the respective clamping sockets such that the guide is pressed into the respective end of the cable when the clamping sockets are moved to a center of the retaining socket for electrically connecting the cable ends with the retaining socket.				
				
26.	Cable quick connector with waterproof performance and fireproof performance	CN103872468	2014-06-18	HEFEI HONGJIAN PRECISION MOLD*
The invention relates to a cable quick connector, in particular to a cable quick connector with waterproof performance and fireproof performance. The cable quick connector comprises an upper cover body and a lower cover body, wherein the upper cover body and the lower cover body are made of high temperature resistance insulating materials. A plurality of vertical through holes for allowing cables to penetrate into are formed in the middle of the lower cover body, a plurality of sets of metal pricklers are fixed to the inner side face of the upper cover body and at least comprise two needle-shaped conductors, and the needle-shaped conductors are connected through wires and correspond to the vertical through holes in a one-to-one mode. The upper cover body and the lower cover body are connected into a closed shell in a riveting mode or a bolting mode or a bonding mode, and a high temperature resistance sealing ring is arranged on the contact surface between the upper cover body and the lower cover body. Revolutionarily, a brand-new cable communication mode is adopted for the cable connector, the metal pricklers are inserted into cable cores from the end face of an electric wire to form a passage, the contact area is remarkably increased, contact temperature rise can be obviously reduced, the cables are firmly connected and cannot easily slide down in a natural state, and it is effectively guaranteed that the cables are communicated.				
				
27.	Electrical terminal socket assembly for vehicular component	WO200223678	2002-03-21	AEES ALCOA ALCOA FUJIKURA*
A terminal socket assembly (10) for interconnecting electrically powered vehicular components with a male input pin (12) and an output cable (14), characterized in that said socket assembly includes a spring cage blank (16) having first (40) and second (42) extending edges, a plurality of spaced apart and angled beams (44) extending between said edges (40, 42), components for shaping said spring cage blank into a substantially cylindrical configuration and in which said angled beams are arranged in a substantially helix pattern, and a substantially tubular shaped and interiorly hollowed sleeve (118, 162, 176, 200, 212) for axially receiving and fixedly retaining said configured spring cage, the male pin being biasingly mated with said interiorly hollowed sleeve and assembled spring cage, said sleeve further comprising gripping portions (130, 132, 168, 222) for fixedly engaging an end of the cable.				
				

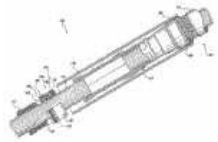
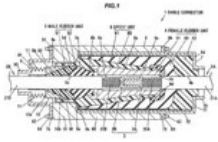
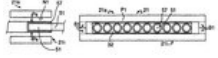
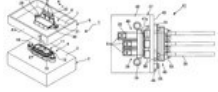
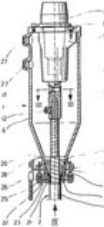
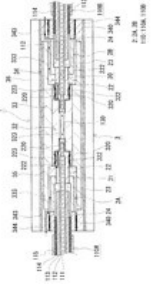
28.	Terminal structure for a wiring device	GB9604984	1996-05-08	PANASONIC ELECTRIC WORKS*
A terminal structure for detachably connecting a plurality of cords to a common terminal member 22 included in a wiring device. The terminal structure comprises a housing 10 with a plurality of cord insertion holes leading to a common compartment 12 formed within the housing and a plurality of lock springs 30 disposed within the compartment together with the common terminal member 22 to hold wires of the cords in engagement with the terminal member. Separators 27, 29 are disposed in the compartment for separating the lock springs from each other in order to prevent the jamming of the wires inserted into the compartment through the individual cord insertion holes, thereby facilitating the connection of the plural cords to the wiring device. The lock springs 30 each include a cord 5 engagement portion 31 and a cord holding pawl 32 releasable from the cord 5 by a tool operated release button 40. Insulating or grounded mounting frames, covers and a shutter 62 are provided for an outlet having an indicating lamp 58 and a switch in which contact 57 is closed and opened by a sprung member 52 pivoting on a support 54 (see figure 8)				
				
29.	Mining cable coupler connectors and related assemblies and methods	US20160308289	2016-10-20	TE CONNECTIVITY* TYCO ELECTRONICS* TYCO ELECTRONICS INDUSTRIAL & COMERCIAL CHILE TYCO ELECTRONICS INDUSTRIAL COMERCIAL CHILE LIMITADA* TYCO ELECTRONICS INDUSTRY & COM CHILE TYCO ELECTRONICS INDUSTRY CHILE LIABILITY
A connector assembly for use with a mining cable coupler includes a first connector and a second connector. The first connector includes a front portion including a plug and a rear portion including a barrel configured to receive a first conductor. The second connector includes a front portion including a socket having a channel defined therein and a rear portion including a barrel configured to receive a second conductor. An annular groove is defined in an inner surface of the channel. An annular spring held in the annular groove. The channel is sized and configured to receive the plug such that the plug resiliently contacts the spring to electrically connect the first conductor received in the first connector barrel and the second conductor received in the second connector barrel.				
				
30.	Conductor sleeve and cable connector having the same	KR20170034518	2017-03-29	LS CABLE & SYSTEM*
The present invention relates to a conductor sleeve for a cable connector and a cable connector including the same. The conductor sleeve comprises: two or more conductor insertion grooves having a conductor of a connected cable inserted therein; a conductor fixing unit configured to fix the conductor inserted into the conductor insertion grooves; and an insertion control unit having the conductor, which is inserted into the conductor insertion grooves, inserted to a predetermined length. Specifically, the present invention can solve a problem of increasing resistance in a conductor connection part of the cable connector and heating and can easily construct cable connection.				
				
31.	Electrical connectors having insert spring, cable clip and contacts with pressure strips	GB2075768	1981-11-18	ECHLIN MANUFACTURING HALDEX BRAKE*
A connector assembly is disclosed which includes a plug having a body of insulating material which is replaceably but securely held in a housing by means of an insert spring. A clip is provided for securely holding the end of a cable to the housing and contacts are disclosed having pressure strips for engagement with the conductors of wires.				
				
32.	Universal power cable joint for use with power cables having various insulations	US3961127	1976-06-01	G & W ELECTRIC SPECIALTY* G & W ELECTRIC SPECIALTY JII ANDO DABURYU EREKUTORITSUKU SUPESHIARUTEI
A power cable joining device is disclosed for use in connecting or splicing two or more power cables wherein at least one of the power cables may comprise an impregnated paper insulated lead cable. The power cable splice in accordance with the present invention includes spacer element and gasket means which are cooperative with the prepared ends of the connected power cables in a manner to prevent migration of impregnate from the paper insulated power cable to the other connected power cables.				
				
33.	Method and device for connecting coaxial cables has winding pins	BE848303	1977-03-01	SIEMENS*
A coaxial cable (5) is mounted in a metallic tube elbow (1) such that an electrical connection is produced between the tube elbow (1) and the screen of the cable (5). At the other end of the tube elbow (1), an attachment (28) which ends in a wrapping pin (21) is electrically connected to the elbow (1). The tube elbow (1) is mounted on, for example, an 84-pole female strip connector (2) with the aid of a slotted nut, and the stripped inner conductor is connected to a wrapping pin (19). In this way, coaxial cables (5) can also be used with wrapping technology. The application is mainly in the carrier-frequency area for the plug connections of channel converters, in order to ensure sufficient decoupling. <IMAGE> (From GB1530707 A)				
				

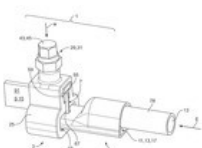
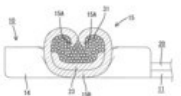
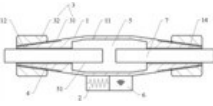
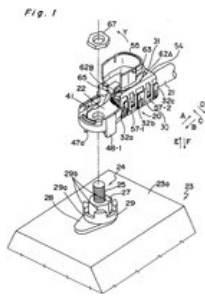
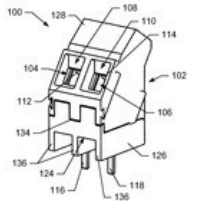
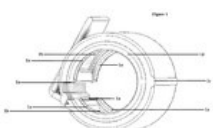
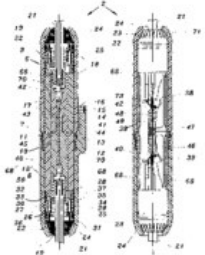
34.	Metallic connector housing.	DE4013963	1991-10-31	WERU GOA ANDO ASOSHIEETSU GMB W L GORE & 8011 PUTZBRUNN W L GORE & ASSOCIATES*	 FIG.1
35.	Connector for making splicing, half-tap, bridging and terminating connections of multiple insulated conductors	IT7867113	1978-01-20	NOKIA BELL LABORATORIES TEII ANDO TEII TEKUNOROJIIZU WESTERN ELECTRIC*	
36.	Branch connection for single phase power supply cable - comprises two insulating hemispherical shells with metal inserts penetrating cable insulation to make connection	FR2428926	1980-01-11	PFISTERER*	
37.	Terminal board for the connection of wires, in particular of electric energy conductors	ITBS990045	2000-11-06	CABIT*	
38.	Insulation displacement plug-in connector and device for telecommunications and data technology	WO2007009729	2007-01-25	ADC TELECOMMUNICATIONS* ADTS COMMSCOPE TECHNOLOGIES*	
39.	Utility power wire connection assembly and connection method	WO2013177971	2013-12-05	DEPTH NOT DO SHITAKU HIROSHIREN DEPARTMENT OF ELECTRONICS SHENZHEN TOP LINK ELECTRONICS*	
40.	Wire connection assembly with telescopic binding screw	EP2999053	2016-03-23	TYCO ELECTRONIC S SIMEL TYCO ELECTRONICS SIMEL*	

41.	Wire connecting apparatus for a magnetic contactor	KR200376471	2005-03-10	LG INDUSTRIAL SYSTEMS LS INDUSTRIAL SYSTEMS* LSIS
A wire connecting apparatus for a magnetic contactor comprises a plurality of wire connector assemblies, a frame for supporting the wire connector assemblies, and a plurality of terminals connected to an external wire . The external wire can be simply connected to the terminal by just tightening or releasing a screw, thereby simplifying an entire wiring process and enhancing a work efficiency.				
				
42.	Modular electrical connector and method of using	US20060030201	2006-02-09	3M*
An electrical connector includes a conductive body having a cavity therein. The cavity is configured to receive an end of a cable . A clamping member is provided for making electrical connection with the end of the cable . A first electrical bus portion is on a first side of the body, and a second electrical bus portion is on a second side of the body.				
				
43.	Device for insulation displacement connecting of at least a wire and for cutting the waste ends	ZA9901967	1999-05-20	PONYET POUYET* PUIE S A
Apparatus receives 2 wires to be connected by movement of pusher using a master screw placed between two respective cutting blade insulation displacing contact pairs, each associated with one of the wires to be connected . The apparatus is symmetrical with respect to the transverse plane passing through the axis of the screw and is orthogonal to the two IDC contacts and the two cutting blades (14).				
				
44.	Connector for bypass cable and bypass cable	JP5917661	2016-04-15	CHUGOKU ELECTRIC POWER*
PROBLEM TO BE SOLVED: To easily and quickly install a bypass cable and a short circuit grounding tool.SOLUTION: A connector for a bypass cable includes: a connector body 3 having an abutting portion 31 on which a distribution wire 100 is abutted; a movable body 5 movable back and forth freely to/from the abutting portion 31 of the connector body 3, and by moving forward to the abutting portion 31 side, capable of holding the distribution wire 100 between the movable body and the abutting portion 31; a contact blade 53 attached to the movable body 5, and in a state where the distribution wire 100 is held between the abutting portion 31 and the movable body 5, allowed to be electrically brought into contact with a core of the distribution wire 100 through an insulation coating of the distribution wire 100; a tool connection unit 6 installed on the connector body 3 and capable of electrically attaching/detaching a clamp portion 301 of a short circuit grounding tool 300.SELECTED DRAWING: Figure 1				
				
45.	Electrical connector assembly.	CN1086931	1994-05-18	ALCATEL LUCENT*
A panel mounting electrical coupling connector element comprising a housing (7) in which are supported a plurality of mateable contact elements (9, 10) whose rear ends terminate in insulation-penetrating slotted blades (12, 13 and 14) that are respectively located in wire -guide channels at the rear of the housing (7). The connector includes a hinged clamp (17) arranged such that when insulated wires (25, 26 and 27) are laid in respective wire -guide channels and the hinged clamp is closed, protuberances on the hinged clamp urge the insulated wires into the slots of the slotted blades thereby making electrical contact between the conductor of the wires and the mateable contact elements.				
				
46.	Ground connecting device and wire harness having the same	DE102011076566	2011-12-01	AUTOMATIC NETWORK TECHNOLOGY INSTITUTE AUTONETWORKS TECHNOLOGIES* SUMITOMO ELECTRIC INDUSTRIES* SUMITOMO WIRING SYSTEMS*
Provided are a ground connecting device occupying only a little space and a wire harness having the ground connecting device. The ground connecting device comprises first and second ground joint connectors to connect a plurality of first and second grounding wires included in a wire harness to a ground site. The first ground joint connector includes a plurality of first wire terminals to be attached to respective terminal ends of the first grounding wires and a first ground conductor having a first ground-side terminal portion and a first connector housing which holds the first ground conductor. The second ground joint connector includes a plurality of wire terminals to be attached to respective terminal ends of the second remaining grounding wires , and a second ground conductor having a second ground-side terminal portion, and a second connector housing which holds the second ground conductor. The first and second connector housings are stacked above a wall surface while the ground-side terminal portions of the first and second ground conductors are stacked.				
				

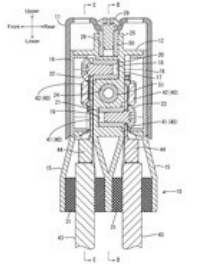
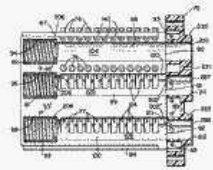
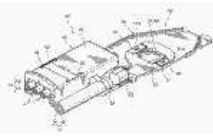
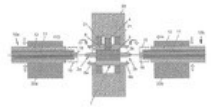
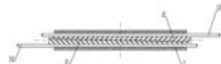
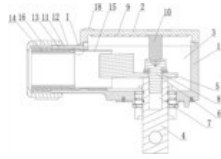
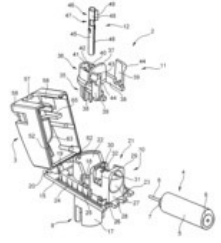
47.	Connecting device	DE19852489	2000-03-30	HIRSCHMANN ELECTRONICS* HIRSCHMANN RICHARD		
The invention relates to a connecting device (1) for electrically connecting at least two electrical conductors (39, 49) in a housing (2) having a tubular connecting plug. A contact holder (10) containing contact elements used for establishing a contact with conductors (39, 40) and for connecting said conductors can be axially plugged-in so as to be rotationally blocked, in a connecting region of said housing (2), by means of a threaded nut (11) which can be screwed onto said plug. According to the invention, the housing (2) has at least two outwardly protruding threaded tubes (4) which are used respectively to house a conductor support (5) made of an insulating material and protruding into a connecting region. Axial channels (13) are provided in the conductor support (5) for housing the conductors (39, 40) as well as recesses (14) extending across said channels (13) and crossing them at contact positions (32), and for inserting said contact elements (12). The inventive connecting device is thus easily produced and mounted, and is economical. It is useful for connecting mechanically and electrically, in a quick and safe way, units (plug-in connectors , cable bolted assemblies and connecting elements) which are connected to the threaded tubes (4) as well as for forming in a modular way large connecting networks by means of a connecting element (23).						
48.	Connector	WO200131749	2001-05-03	THERMIK GERAETEBAU THERMIK GERATEBAU* THERMIK GERATEBAU		
A connector (12) which is used to join two lines (17, 18) is provided with two clamping blocks (14, 15) for receiving and establishing contact with said lines (17, 18). A receiving area (31) is also provided on said connector (12). A temperature limiter (32) having at least two connecting limbs can be inserted into said receiving area and two connector elements protrude therein. The first respective end of said connector elements is connected to one of the two clamping blocks (14,15) and the second end thereof establishes a contact with an associated connecting limb of the inserted temperature limiter (32).						
49.	Pre-loaded electric connector	IL39213	1972-06-28	FCI AMPHENOL* TE CONNECTIVITY		
Multi-contact electrical connector comprises an insulating body having a plurality of electrical contact terminals therein. The rearward ends of the terminals are provided with slotted plate-type contact means which are adapted to receive insulated wires to form electrical and mechanical connections between the terminals and the wires . The arrangement of the contact terminals in the connector housing is such that a plurality of wires can be connected to the individual terminals in a single operation so that the connector can be quickly applied to the end of a multi-conductor cable at a work site.						
50.	Cable connector	IT8019646	1980-02-01	GRILLET* GRILLET A GRILLET J GRILLET JACQUES		
A cable connector , especially for attaching a tap to an aerial cable or electric line, comprises a sleeve adapted to be clamped to the aerial cable and carrying a cylindrical pin or peg on a foot projecting outwardly from this sleeve. A clamp which can be tightened by a screw can engage the pin and the screw head is formed as a shackle or eye so that the assembly can be made from a remote location and tightened by means of a pole whose hook engages in the shackle.						
51.	Electrical connector apparatus and method	WO200062374	2000-10-19	CENTERPIN TECHNOLOGY*		
The subject invention relates to a method and apparatus for coupling an electrical conductor to a connector . A specific embodiment has a conductor housing having at least one bore therein and an electrical conductive prong mounted in the housing bore. An electrical conductor gripping collar is positioned in each conductor housing bore with gripping fingers extending from the housing bore. A collar driving member is used to push the gripping collar further into the housing bore to force the gripping fingers of the gripping collar onto the electrical conductor's insulation. The collar driving member is then fastened to the connector housing to couple the electrical conductor to the electrical connector .						
52.	Bond connector for service cable	SE8900344	1989-02-01	PREFORMED LINE PRODUCTS*		
A connector assembly for maintaining electrical continuity with a grounding shield of a service cable. The connector assembly includes a connector member having a first portion of substantially cylindrical conformation. Radially outward extending teeth make electrical contact with the grounding shield and mechanical connection with the insulative outer sheath. First and second spring clamps are received over the service cable to provide circumferentially continuous clamping forces between the connector member and service cable .						
53.	Sealed electrical connectors	CA2075309	1993-02-24	AMP INVESTMENTS TE CONNECTIVITY WHITAKER*		
A moisture and temperature resistant electrical connector has a body (110) containing a terminal (116), for sealingly connecting transmission means (122) and containing a gel-like sealant composition disposed along or adjacent to the terminal within the connector body. The gel-like sealant composition includes an elastomeric thermoplastic polymer and an extender for the polymer. The extender comprises a major portion by weight of the composition and the polymer comprises a minor proportion by weight of the composition. The elastomeric thermoplastic polymer comprises a first elastomeric thermoplastic polymer and a second elastomeric thermoplastic polymer. The melt viscosity of the second polymer is at least about 50 times greater than the melt viscosity of the first polymer. The weight ratio of the second polymer to the first polymer is from about 1:20 to about 1:5. <IMAGE>						
54.	Self-stripping electrical terminal	IT7920356	1979-02-20	BUNKER RAMO FCI AMPHENOL*		
The present invention relates to the connection of insulated electric wires , and it pertains more precisely to a terminal and a connection block for electrically connecting two insulated wires without prestripping them. Prior art connecting devices that operate without prestripping are usually in the form of a flat spring, cut in a U shape, the branches of which define a slot. In such devices, the insulated wire to be connected is introduced at the end of the slot adjacent the free ends of the branches. This type of device has a disadvantage since the perforation of the insulation is made where the deformation of the branches is the easiest. The self-stripping connecting device of the present invention is constituted by a flat spring including a portion forming a U, the branches of which are elastically biased one against the other, and an opening to allow the introduction of the insulated wire at the end of the slot adjacent the base of the U. Additionally a connecting block is disclosed which comprises an insulating box having at least one bore for receiving an insulated wire , and a movable element having a connecting device and being movable from a first position in which an inserting opening of the connecting device is in line with the bore, toward a second position in which the end of the slot remote from the opening is in line with the bore.						

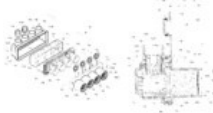
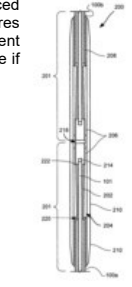
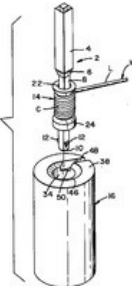
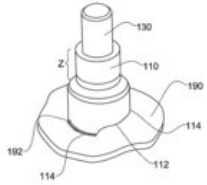
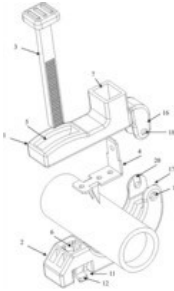
55.	Sealed connector assembly	US4776813	1988-10-11	MOLEX*
The connector includes a housing (12) having resilient arms (34) (see Fig. 4) with free end fingers (36) extending within terminal receiving channels (26) of the housing for retaining terminals (14) within the channels (26). The housing (12) includes a sleeve portion (40) extending axially outwardly from a terminal entry wall (28) defining a seal receiving cavity (41). A seal (16) has apertures (62) for receiving the terminals (14) and is disposed within the cavity (41) between the housing terminal entry wall (28) and a connector cover (18). The cover (18) includes a terminal position assurance means, a keying member (70) co-operating with the housing terminal retaining arms (34) for securing the terminals within the channels (26) and for keying alignment with the housing (12) and the seal (16). The housing (12) and connector cover (18) include co-operating locking mechanisms (44, 48, 74) for securing the connector cover (18) to the housing (12). A sealed connector subassembly includes the sealed connector housing (12), the connector cover (18) and the seal (16). The housing (12) and the connector cover (18) include co-operating latching means (42, 46, 72) for securing the connector cover (18) to the housing (12) in a subassembly position.				
				
56.	Electric wire with an insulating cover connector	JP6005133	1994-01-21	CHUBU ELECTRIC POWER*
And a plurality of branch wires [object] lines the parent indicator up or down an insulating cover covering the electric wire is connected, the conductive portion are not exposed on the outer periphery of a safe state to loosen the cap and a lower insulating cover clamping the upper insulating cover and away from the wire connection portion can be visually confirmed accurately and temporary holding wires, is hermetically sealed insulator after tightening can. PURPOSE: Upper conductive fitting provided with a holding metal fitting 1,2 a bolt, a nut is tightened in a connection to a wire, the upper pressing fittings 1 is inserted into the upper insulating cover 9 and the lower pressing fittings 2 is placed over the lower insulation cover 10 are provided, the lower insulating cover 10 opening 11 on both sides of the pressing member is provided to suppress internal and metal latch D_{thigh} 12 and associated with, the metal latch D_{thigh} 12 and the lower pressing fittings 2 between the spring 13 via, the biasing force away from the insulating cover both and to, the nut 8 and a lower insulation cover has 10 clamping cap slipped over the 14 bolt 7 screwed to the present invention.				
57.	Superconducting cable intermediate connection member and superconducting cable intermediate connection structure	WO2015136813	2015-09-17	SUMITOMO ELECTRIC INDUSTRIES*
A superconducting cable intermediate connection member connects superconducting cables to each other, said superconducting cables each being equipped with a cable core having formers and a superconducting conductor layer formed of a superconducting wire on the periphery of the formers. The superconducting cable intermediate connection member comprises: a central portion having, at both ends, fixing portions for fixing the ends of the formers and connecting the formers to each other; a connection superconducting wire connected to the ends of the superconducting wires forming the superconducting conductor layers and electrically connecting the superconducting conductor layers to each other; a wire arrangement portion which is provided outside the central portion and on which an arrangement hole in which the connection superconducting wire is disposed is formed; and an outside insulating portion provided outside the wire arrangement portion and formed of an insulating resin. The superconducting cable intermediate connection member has an attachment portion on the outside insulating portion, said attachment portion being fixed to an intermediate connection box.				
				
58.	Assembly type cable connector	CN104852163	2015-08-19	STATE GRID CORPORATION OF CHINA (SGCC)* STATE GRID SHANDONG JINAN CITY CHANGQING DISTRICT POWER SUPPLY*
The invention provides an assembly type cable connector which comprises a sleeve pipe, ringers 1, ball retaining plugs, ringers 2, a sleeve tube and clamp assemblies. The early tightening of a cable is carried out by the ball retaining plugs, then through the taper differences between the taper holes and end cap taper surfaces on the ringers, radial inward action forces are formed to the end ports of end caps by the ringers in the tightening process to overcome the external expansion of the end cap end ports, the second tightening is realized, the reliability of cable connection is increased, and the middle part of a cable connection section is tightened by using the clamp assemblies. Wedge clamping action, auxiliary secondary pressing shrinkage deformation and the middle defining action of the clamp assemblies are used, the small deformation amount of the cable can be ensured while the long-term stable and firm connection of the cable is realized, and reliable and stable power transmission performance of a cable connection part is ensured. The secondary faults of press contact point overheating, flashover and grounding caused by the poor connection of a service line can be effectively prevented, and technical support is provided for the reliable power supply and excellent server of a power supply enterprise.				
				
59.	Cable quick connector with waterproof performance and fireproof performance	CN204167488	2015-02-18	HEFEI HONGJIAN PRECISION MOLD*
The utility model relates to a cable quick connector, in particular to a cable quick connector with waterproof performance and fireproof performance. The cable quick connector comprises an upper cover body and a lower cover body, wherein the upper cover body and the lower cover body are made of high temperature resistant insulating materials. A plurality of vertical through holes for allowing cables to penetrate are formed in the middle of the lower cover body, a plurality of groups of metal pricking pins are fixed at the inner side surface of the upper cover body, the metal pricking pins at least comprise two needle-shaped conductors, and the needle-shaped conductors are connected through wires and correspond to the vertical through holes in a one-to-one mode. The upper cover body and the lower cover body are connected into a closed shell in a riveting mode or a bolting mode or a bonding mode, and a high temperature resistant sealing ring is arranged on the contact surface between the upper cover body and the lower cover body. Revolutionarily, a brand-new cable communication mode is adopted for the cable connector, the metal pricking pins are inserted into cable cores from the end face of an electric wire to form a passage, the contact area is remarkably increased, contact temperature rise can be obviously reduced, the cables are firmly connected and cannot easily slide down in a natural state, and the cables are effectively ensured to be communicated.				
				
60.	Device for clamped connections for the establishing of a branch to the conductor of an active cable.	EP0318007	1989-05-31	REMA LIPPRANDT* RXS KABELGARNITUREN*
The invention relates to a clamping device (1) with which a branch can be produced on a main conductor of a live cable. Contact is made with the aid of cutting screws (3) which engage in the clamping channels (8). The base (5) of the main clamp (2) and of the branch clamp (7) are designed externally as an insulating housing (13, 14) and are connected to one another via a connecting web (16). Shrink fittings (36, 37, 38) are used in this case for the required protection against external influences. <IMAGE>				
				
61.	Connector assembly of two low-temperature superconducting cable terminals and fabrication method therefor	CN107104293	2017-08-29	HEFEI INSTITUTES OF PHYSICAL SCIENCE* HOSPITAL OF HEFEI INSTITUTES OF PHYSICAL SCIENCE
A connector assembly of two low-temperature superconducting cable terminals and a fabrication method therefor. A connector for welding two low-temperature superconducting cable terminals is provided with: a copper cushion layer (21), two sides of the copper cushion layer (21) being arranged in parallel at the two low-temperature superconducting cable terminals (10) respectively; two soldering layers (22), sandwiched between the two low-temperature superconducting cable terminals (10) and the copper cushion layer (21) respectively; and a fixture mechanism (23), which is wrapped over the outer surfaces of the low-temperature superconducting cable terminals (10), the copper cushion layer (21), the soldering layers (22) and the low-temperature superconducting cable terminals (10) being tightly clamped in the fixture mechanism (23) from inside to outside. Provided is a compact connector assembly of two low-temperature superconducting cable terminals that is obtained by: welding the low-temperature superconducting cable terminals (10) by extruding a saddle-shaped copper cushion block (211) using a fixture mechanism (23); conducting a helium flow cooling loop by means of the hermetical welding of an inner-layer shell (24); and fabricating high-voltage insulating low-temperature superconducting cable terminals (10) by hermetical welding of an outer-layer shell (25).				
				

62.	Cable and cable connection assembly	TW200709520	2007-03-01	TRAFFORD UTILX* WILLBROS WILLBROS ENGINEERS	
A cable connection assembly for coupling a cable to an apparatus. The cable connection assembly includes a collar adapted to sealingly engage the apparatus, the collar having a fastener for coupling the collar to the cable by rotating the collar into locking engagement with at least a portion of the cable .					
63.	Cable connector	EP3174165	2017-05-31	HITACHI METALS*	
A cable connector (1) includes a plurality of insulating components (4, 5, 6) arranged around a joint between cable conductors exposed from ends of a pair of power cables (2A, 2B) as connection objects. The plurality of insulating components comprise a female component (4) comprising a conical inner contact surface (4a) located on the inner side, a male component (5) comprising a conical outer contact surface (5a) located on the outer side, and an intermediate component (6) that is arranged between the male and female components (4, 5) and comprises an insulating portion (60) comprising an insulating material and a through-hole (6c) formed in the center along an axial direction, the insulating portion further comprising a female-side contact surface (6a) in contact with the inner contact surface and a male-side contact surface (6b) in contact with the outer contact surface. The intermediate component (6) is configured such that the male-side contact surface (6b) has a smaller area than the female-side contact surface (6a) and that a gap formed between the through-hole (6c) and the joint/the power cable serves as an air escape path to allow the air to escape from an interfacial surface between the female-side contact surface (6a) and the inner contact surface (4a) when the female-side contact surface (6a) is brought into contact with the inner contact surface (4a) of the female component.					
64.	Method for connecting the conductors of a flexible bonded (equipotential) connection layer, as well as crimping tool, connectors and wiring loom fitted with such connectors	CA2871224	2013-10-31	MECATRACTION RABINARU POWER SYSTEMS SAFRAN ELECTRICAL & POWER*	
The invention seeks to achieve a repeatable, uniform and reliable connection both for intermediate and for terminal connections of a wiring loom in the form of a layer of conductors. To do this, the invention envisages simultaneously crimping the conductors into the connectors by applying a continuous and uniform pressure in a crimping zone. In one embodiment, the crimping according to the invention is performed by a tool that has two shells (21s, 21i), each shell having a main wall (P1) forming an internal face (F1) equipped with transverse ribs (N1, N2, N3). Each shell (21s, 21i) also has end edges (B1) folded over at right angles to the walls (P1) so as to define an internal space (E1). A connector (32) for uninsulated conductors (51) arranged perpendicular to the ribs (N1, N2, N3) is introduced into this space (E1) to form transverse grooves by compressing (Ps) the ribs (N1, N2, N3) onto the walls (32s, 32i) of the connector (32). Application to current return networks in the passenger cabins of composite-skinned airplanes.					
65.	Connector structure for device connection	WO2012056909	2012-05-03	YAZAKI*	
Connectors of devices are properly connected to respective terminals by using conductive rubbers. A connector structure 1, 61 for device connection includes one connector 4, 59 provided on one device case 2, 57 and the other connector 8, 68 provided on the other device case 6, 66. The one connector 4, 59 includes an insulating housing 11, 64 having a plurality of accommodation recessed sections 27, 77 arrange in parallel, terminals 5, 65 having respective contact plate sections 13, 82 accommodated in the respective accommodation recessed sections, and the conductive rubbers 10 which are in contact with the respective contact plate sections and are accommodated in the respective accommodation recessed sections. The other connector 8, 68 includes terminals 9, 70 respectively having contact plate sections 34, 91 which are pressed to be in contact with the respective conductive rubbers when the two cases are fixed to each other, and an insulating housing 28, 69 which accommodates the terminals 9, 70.					
66.	Device for the connection of an earth cable to a connecting body which is passed through an insulating body	DE3408428	1985-09-26	PFISTERER*	
A device for the connection of an earth cable (2) to a connecting body (10) which is inserted in a sealed manner through an insulating body (9) into a metallic housing (6) has, at that end of the connecting body (10) located in the housing (6), a terminal (12) which can be connected to the stripped end of the earth cable . This terminal (12) has a first contact body (13), which extends away from the cable end in the direction of the cable longitudinal axis and, when the connection is produced, rests in an overlapping manner on a second contact body (17) which is formed by the free end of the connecting body (10). A connecting screw, which in each case engages in a transverse hole in the contact bodies (13, 17), presses the latter against one another when the connection is produced, one of the two contact bodies (13, 17) forming with its contact surface facing the other contact body a groove which extends in the longitudinal direction of the contact body and whose two edges, which are in each case formed by an elastically deformable material element, are elastically deformed when the connection is produced, as a consequence of the force with which the connecting screw presses the other contact body on to these edges. <IMAGE>					
67.	Method for assembling a connection device on an exposed terminal segment of an electrical cable and assembly comprising such a device securely assembled on such a cable segment	EP2706616	2014-03-12	MECATRACTION*	
The method involves introducing a stripped end section (6) into a tubular portion (13) via an insertion opening (16). The tubular portion is securely assembled on the stripped end section. First, second and third zones (40-42) of the tubular portion are crimped with first, second and third portions (43, 44, 56) of the stripped end section such that the portions of the stripped end section comprise first, second and third predetermined degree of compression, where the third predetermined degree of compression is higher than the first predetermined degree of compression. An independent claim is also included for an assembly for assembling a connecting device on a stripped end section of an electric cable .					
68.	Connection method, equipotential shunt connection and equipotential bonding current return network in a non-conductive architecture	CA2861256	2013-07-25	MECATRACTION* RABINARU POWER SYSTEMS SAFRAN ELECTRICAL & POWER*	
The aim of the invention is to produce electrically efficient equipotential connections in terms of resistivity between portions of a current return network of a non-conductive architecture, such as an airplane fuselage. The approach adopted according to the invention is to impart an equipotential bonding function to an aluminum cable having a large cross-section, said bond being electrically connected , via direct contact, to as many pieces of equipment as is physically possible. According to one embodiment, an electrical connection assembly of an aircraft fuselage (100) having a composite skin comprises on-line shunt connections (2) for electrically interconnecting an aluminum alloy cable (1), having a large cross-section and serving as an equipotential bond, to brackets (113, 141) for primary current return networks and to brackets (111) for electrical devices via connections (202). Each on-line shunt connection (2) comprises a central sleeve (2m) for directly electrically contacting the cable (1), end portions for being assembled to the cable (1) by crimping, and an attachment means (2p) for attaching to the bracket (111) of the equipment. Each of the ends of the sleeve (2m) have seal accommodated therein. Each interconnection has two sealed areas, which surround a central contact area formed by means of window-stripping.					
69.	Connection structure for superconducting cable, and connection member for superconducting cable	JP2018137070	2018-08-30	SUMITOMO ELECTRIC INDUSTRIES* TOKYO ELECTRIC POWER*	
PROBLEM TO BE SOLVED: To provide a connection structure for a superconducting cable capable of fixing relative positions of a connection location of a superconductive conductor layer and a connection location of an outer conductive layer.SOLUTION: A connection structure for a superconducting cable comprises: a male member attached to an end of a cable core on which stepwise stripping is performed; a female member including a cable -side recess into which the male member is inserted, and a mating recess into which a connection target of the superconducting cable is inserted; and a heat insulation part. The male member includes: an inner conductive cap part including a conductor insertion part into which an end of a superconductive conductor layer is inserted; an outer conductive part connected to an end of an outer conductive layer of the cable core; and a terminal-side insulation part connecting the inner conductive cap part and an outer conductive part in an insulation state. The female member includes: an inner conductor part in which a part of the cable -side recess is provided and which is connected to the inner conductive cap part; an outer conductive connection cylinder part including an outer connection end that is connected to the outer conductive part; and an outer insulation cylinder part which is interposed between the inner conductor part and the outer conductive connection cylinder part and electrically insulates both the inner conductor part and the outer conductive connection cylinder part.SELECTED DRAWING: Figure 1					

70.	Arrangement for connecting two electrical conductors	DE102014221347	2016-04-21	TE CONNECTIVITY GERMANY* TEE CONNECTIVITY GERMAINE GESELLSCHAFT MITT BESHÄCKTEL HAFSTUNK TE CONNECTIVITY GERMANY TYCO ELECTRONICS
The invention relates to an arrangement for connecting two electrical conductors, in particular for connecting cable shoes and/or busbars. In order to provide an arrangement by means of which safety against electric shocks for a person working with the arrangement is improved and in which two conductors can be easily connected to one another and/or disconnected from one another, the invention provides an arrangement for connecting a first electrical conductor (9) to a second electrical conductor (13), said arrangement having a contact-pressure adapter (3) which has a receptacle (7) for the first conductor (9) and at least one contact-pressure element (29) which can be operated from the outside, and having a housing-like contact-protection means (5) having a receptacle (11) for the second conductor (13), wherein the contact-protection means (5) can be inserted into a chamber (19) in the contact-pressure adapter (3) along an insertion direction (E) and has at least one contact-making slot (67) which runs parallel to the insertion direction (E) and releases an interior (69) of the contact-protection means (5) for making contact with the outside.				
71.	Solderless terminal and bolting terminal	JP2011238522	2011-11-24	SUMITOMO WIRING SYSTEMS*
PROBLEM TO BE SOLVED: To obtain sufficient retaining force when a terminal is crimped to a fine electric wire maintaining strength against bending.SOLUTION: The solderless terminal and bolting terminal include: a terminal body 11 having a flat plate like connecting portion 12 in which a bolt hole 13 is opened, a neck portion 14 extending from part of a periphery of the connecting portion 12, a wire barrel 15 formed so as to further extend from the neck portion 14; and a conductive reinforcing plate 20 lapping over the connecting portion 12, the neck portion 14 and a bottom of the wire barrel 15 in the terminal body 11. The wire barrel 15 is crimped to a terminal of a core wire 31 in a coated wire 30. Specifically, the wire barrel 15 is calked and crimped to the core wire 31 of the coated wire 30 with the reinforcing plate 20 lapping thereon.				
72.	Contact reaction cable connection device and connection method	CN109301513	2019-02-01	YNZP*
The present application provides a method and a cable connection device connects the contact scheme, wherein the connecting device includes a thermally conductive connector , a heating mechanism, a fastening mechanism, a hot melt metal block and seal the casing, a connection is made, the cable connector is inserted into the electrically conductive core cable is first heat-conducting connection holes , the cable is maintained in the cable securing mechanism rejustification connection holes , and then heat-conducting means to the connector through heat, the hot melt metal slug melts the low melting point alloy, between the two cables can be melted metal conducting, after cooling of the molten metal conductive core may enhance the bonding strength between the cable and a thermally conductive connector , a secure connection of the cable is stably accomplished. Molten metal through the contact resistance can be reduced at the connection cable is connected , after the connection of the cable connection points for the cables to ensure that a secure and stable operation.				
73.	Terminal cap and cap attachment structure	EP0603872	1994-06-29	SUMITOMO WIRING SYSTEMS*
A pair of engaging projections comprising a first part projecting widthwise and a second part formed by bending the end of this first part to project in the thickness direction is formed opposite each other on the connecting member of the terminal (22). The terminal cap (20) comprises a fixed member (30) comprising a connector -side member for the terminal and a base-side member for the terminal. The terminal cap also comprises a cover member (31) comprising a first cover part (54) closing the base-side member and a second cover part (55) closing the connector -side member. A connector opening to which is inserted the connection terminal (24) connecting to the connecting member is provided on the connector -side member. A perimeter wall (41) projecting in the direction reducing the diameter of the connector opening is provided. The first part of the engaging projection of the connecting member inserted to the connector opening engages the perimeter wall. Both sides of the first and second parts of the engaging projections engage first and third engaging ribs provided on the perimeter wall. <IMAGE>				
74.	Electrical terminals	CN202855922	2013-04-03	FISHER CONTROLS* FISHER CONTROLS INTERNATIONAL
Electrical terminals are disclosed. An example terminal (100) is disclosed that comprises a housing (102) and a wire clamp positioned within the housing to secure a wire in electrical contact with a connector pin (116, 118), the connector pin extending out a bottom surface (124) of the housing to be electrically connected to a printed circuit board, the housing is to have one or more feet (136) to separate the bottom surface of the housing from the printed circuit board.				
75.	Enclosure means for pipes, cables and wires	GB201218491	2012-11-28	BEECH DAVID
An enclosure means can fit over a ruptured pipe or fitting to contain any fluid, substance or gas leaking from it, or can be used with an electrical cable or wire . The enclosure means forms a sealed cavity around the ruptured pipe or fitting. Epoxy resin, foam, cement, plastic or rubber may also be applied manually to the cavity 1b before placing the enclosure around the pipe, or applied afterwards through injection ports (7a, Fig 7) by mechanical means such as by pump. The enclosure may comprise of a single housing which is flexible or may comprise of two housings joined together by a hinge. The enclosure means may also be used for containing damaged electrical cables and provide a connector (11a, Fig 11) and provide a fluid or heat resistant seal. The enclosure means may have locking nuts (12a, Fig 12) of different types to tighten around different sizes of cable . The enclosure means may also be used to go around pipe springs to provide a safe method of either cutting the spring or moving to another location.				
76.	Device for linking and connecting a line	WO9927615	1999-06-03	BARTEC BARTEC COMPONENTEN & SYSTEME* SANDIA*
The invention relates to a device for linking and connecting a line. The device has a detachable plug-in connector , said connector being stored in a two-part housing, with a plug part and a socket part.				

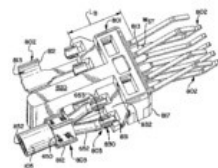
77.	Cutting clamp sleeve contact.	NO881183	1988-03-17	KROHNE KRONE* KRONE AKTIENGESELLSCHAFT	
The invention relates to insulation penetrating terminal sleeve contact for making contact with a cable wire at right angles to the sleeve axis. The sleeve contact has at least one terminal slot (5) on the circumference of the sleeve (1) and an insulation penetrating terminal contact (8) in the interior of the sleeve (1). In order to produce a single-piece sleeve contact, which can make contact with cable wires of different diameters, and braided conductors, jacket pieces (2, 3) are cut free on the jacket (33) of the sleeve (1), which is formed from metallic material, and are bent into the interior of the sleeve (1), as contact limbs (6, 7), to form the insulation penetrating terminal contact (4). <IMAGE>					
78.	Cable connection device and power cable	EP3291379	2018-03-07	HITACHI METALS*	
The present invention provides for a cable connection device (1) including a female rubber unit (4) including an inner contact surface (4a) inside the female rubber unit (4), a male rubber unit (5) including an outer contact surface (5a) outside the male rubber unit (5), and an epoxy unit (6) that is arranged between the female rubber unit (4) and the male rubber unit (5), and that includes an insulator (60) including a female contact surface (6a) to contact the inner contact surface (4a) and a male contact surface (6b) to contact the outer contact surface (5a), and defines a through hole (6c) formed in an axial direction at a center of the epoxy unit (6) around the connector (3), and wherein an insulator (40) of the female rubber unit (4) and/or an insulator (50) of the male rubber unit (5) is integrated with insulating layers (21 A, 21B) of power cables (2A, 2B).					
79.	Apparatus for connecting connection parts between power apparatuses	KR100927816	2009-11-23	SKETC*	
The present invention relates to an apparatus for connecting connection parts between power apparatuses. The apparatus of the present invention comprises: a cable constituted by a conductive wire, and an outer coating which covers the conductive wire; socket means having a first housing, and a conductive connection element which is arranged in said first housing and which has an insertion groove, wherein said socket means is installed in a power apparatus to form a connection part for electrically connecting the cable to the power apparatus; and plug means which has a conductive ring fitted to the conductive wire exposed by removing the outer coating from one end of the cable, and which is arranged at the cable and fitted to the first housing of the socket means such that the conductive ring is inserted into the insertion groove of the conductive connection element so as to electrically connect the cable to the electric power apparatus. The present invention provides an apparatus for connecting connection parts between power apparatuses which interconnects power apparatuses through a cable plug-in connection method to accomplish remarkable effects in the aspects of economical advantages, safety, and ease of maintenance and recovery from failure, etc.					
80.	Device for electrical connection , method of assembling a female part of this connection device, superinsulating blanket and spacecraft	CA2998721	2017-01-12	AIRBUS DEFENCE & SPACE*	
The invention relates to a device for electrical connection (2) intended to connect a superinsulating blanket to a structural panel of a spacecraft, said connection device (2) comprising: - a conducting sleeve (12) having an axis (A-A) extending along a first direction (z), said sleeve (12) comprising a device for axial fixing of the insulating blanket (10, 18, 22) and a support (24), - a conducting pin (14) able to be arranged in said sleeve (12), - an elastic element (16) carried by said support (24), said elastic element (16) being able to exert on the pin (14) a force in a direction substantially perpendicular to the first direction (z) so as to thrust the pin (14) against the sleeve (12). The invention also relates to a method for assembling a female part of the electrical connection device to a superinsulating blanket, a superinsulating blanket and a spacecraft.					
81.	Structure for waterproofing terminal- wire connecting portion and method of waterproofing the same	GB0201029	2002-03-06	YAZAKI*	
A conductor portion (3) and an insulating sheath (4) of a wire (2) are inserted in a generally-cylindrical wire connection portion (32) of a terminal, and in this condition the wire connection portion (32) is compressively pressed radially uniformly over an entire periphery thereof, so that the conductor portion and the insulating sheath are held in intimate contact with an inner peripheral surface of the wire connection portion. The wire connection portion (32) has a smaller-diameter insertion hole for the conductor portion (3), and a larger-diameter insertion hole for the insulating sheath (4), the insertion holes being disposed in coaxial relation to each other.					
82.	Connection terminal and electrical connector	CN203942061	2014-11-12	TYCO ELECTRONICS*	
A connection terminal has a connector body having a mating end and an opposite cable receiving end; a pair of contact arms extending from the mating end; and a cable receiving member having an approximate cylindrical shape with a variable diameter, and extending from the cable receiving end.					

83.	Connector	WO2016158488	2016-10-06	AUTOMATIC NETWORK TECHNOLOGY INSTITUTE AUTONETWORKS TECHNOLOGIES* SUMITOMO ELECTRIC INDUSTRIES* SUMITOMO WIRING SYSTEMS*	
A connector is provided with a housing 10 fitted to a counter- connector and with two electrically conductive sections. Each of the electrically conductive sections has a terminal, an electric wire 43, and an internal electrically conductive member 40 which electrically connects the terminal and the electric wire 43. An affixation section 17 to which the internal electrically conductive members 40 are connected is provided within the housing 10. The affixation section 17 is configured so that one of the internal electrically conductive members 40 is affixed on one side in the housing 10 in the direction in which the two electric wires 43 are arranged, and the other internal electrically conductive member 40 is affixed on the other side. The two internal electrically conductive members 40 are affixed to the affixation section 17 by bolts 22, 23, respectively, which extend in the direction in which the two electric wires 43 are arranged.					
84.	Electrical jack and patch cord assemblies	DE2423708	1975-06-05	DYNATECH LABORATORIES*	
An electrical patch cord plug and jack assembly in which the plug is insertable into a selected one of a number of plug-receiving sockets in the jack and has a multiplicity of contact elements arranged in at least one longitudinally extending row for making and breaking various circuit connections in the jack.					
85.	Grounding joint-connector and wire harness including the same	WO2011030510	2011-03-17	AUTOMATIC NETWORK TECHNOLOGY INSTITUTE AUTONETWORKS TECHNOLOGIES* SUMITOMO ELECTRIC INDUSTRIES* SUMITOMO WIRING SYSTEMS*	
Provided is a joint connector (JC) that can connect a plurality of grounding wires , which are included in a wire harness for vehicles, to a prescribed grounding portion in a bundle while occupying little space. This joint connector (DC) is provided with: a plurality of wire terminals (20) mounted onto the terminals of each of the grounding wires ; a grounding conductor (30); and a connector housing (40) for holding this grounding conductor. The grounding conductor (30) has: a plurality of wire -side terminal sections (32), wherein each of the wire terminals (20) are intermeshed in the terminal-intermeshing direction; and a ground-side terminal section (34) that is connected to the aforementioned grounding portion in a state fixed onto the wall face of the grounding portion. The wire -side terminal sections (32) are integrally connected with the ground-side terminal section (34) in a state intersecting approximately at right-angles with the intermeshing direction of the terminals and arranged in a direction approximately parallel to the wall face.					
86.	Connecting piece and method for affixing a connecting piece to one end of a cable	US20140045385	2014-02-13	DRAXLMAIER*	
A connecting piece for affixing to a cable . The connecting piece comprises a base and a screw connection arranged on the base. The screw connection includes a screw shaped portion, and includes a screw projecting from the base or a hollow with an interior thread.					
87.	Service cable connecting assembly apparatus and usage method thereof	CN104934729	2015-09-23	SHANDONG POWER EQUIPMENT* STATE GRID CORPORATION OF CHINA (SGCC)*	
The invention relates to a service cable connecting assembly apparatus and a usage method thereof. The apparatus comprises a sleeve and block pins, the upper end surface of each block pin is an inclined plane, the lower plane is provided with an arc groove extending in the length direction, the radius of curvature of the arc groove is no less than the radius of a cable , an end surface of one end of the block pin is provided with an axial threaded hole , the axial length of the inclined plane portion of the upper end surface of the block pin is no less than the axial length of the sleeve, the maximum internal diameter of the sleeve is greater than or equal to twice of the sum of the height of the axial central position of the inclined plane portion of the upper end surface of the block pin and the diameter of the cable , an end surface of one end of the block pin, corresponding to the lowest end of the inclined plane of the upper end surface, penetrates through a cavity of the sleeve face to face, the arc grooves at the lower end surfaces of the block pins are respectively matched with an outer wall of the cable , the inclined planes of the two block pins are finally in contact fit, the block pins are made of aluminum materials, the sleeve is made of copper materials, and an outer wall of the sleeve is provided with an insulating layer. According to the apparatus and the usage method thereof, the assembling is convenient, the connection is firm, the deformation of the cable is small, and the reliability and stability of the power transmission performance of a cable connecting position can be guaranteed.					
88.	High-voltage connector for preventing internal bolt from being unfastened	CN108521026	2018-09-11	CHENGDU HANGBO XINNENG TECHNOLOGY*	
The invention discloses a high-voltage connector for preventing an internal bolt from being unfastened. The high-voltage connector includes a connector housing (1) and a connector upper cover (2). The connector upper cover (2) is arranged on the top of the connector housing (1). An electric core (4), an electric nose (5) and a core mounting screw (6) are arranged in a cavity (3) of the connector housing (1). The lower end of the electric core (4) is configured to downwardly pass through the connector housing (1). The top of the electric core (4) is provided with a threaded hole (7). The electric nose (5) passes through a through hole (8) via an electric core mounting screw (6), and the electric nose and the threaded hole (7) are in threaded connection and are fixed on the top of the electric core (4). The lower surface of the connector upper cover (2) is provided with an insulating lining (9). An anti-loosening column (10) is adhered to the lower surface of the connector upper cover (2). The beneficial effects are that the high-voltage connector has a compact structure, prevents electric core mounting screw from loosening, is safe and reliable, prevents cables from being pulled, and is low in manufacturing cost.					
89.	Connecting device for coaxial cable	FR2857510	2005-01-14	ARNOULD FABRIQUE D APPAREILLAGE ELECTRIQUE ARNUL FABRIK D APPAREJAZH EHLEKTRIK LEGRAND*	
The device has a lid (3) adapted to be fixed with a socket (2) in a closed position of the device. The lid has a clamp (66) placed at closed proximity of contact blade (31) in the closed position. The clamp opposite to the blade grips an outer insulating cladding of a cable (4) skewed on the blade in the closed position.					

90.	Busbar assembly	US20040121639	2004-06-24	TE CONNECTIVITY* TYCO ELECTRONICS	
An electrical connector for use with a conductor includes a housing defining a port. The port includes an entrance opening, an exit opening, and a conductor passage extending between and communicating with the entrance and exit openings. The conductor passage is adapted to receive the conductor therethrough. Sealant is disposed in the conductor passage. The sealant is adapted for insertion of the conductor therethrough such that the sealant provides a seal about the inserted conductor. A penetrable closure wall extends across the conductor passage.					
91.	A collet-type splice and dead end for use with an aluminum conductor composite core reinforced cable	WO03091008	2003-11-06	COMPOSITE TECHNOLOGIES COMPOSITE TECHNOLOGY CTC CABLE CTC GLOBAL*	
This invention relates to collet-type fittings (201) for use in collet-type splices and collet-type dead ends and methods for splicing together two aluminum conductor composite core reinforced cables (ACCC) or terminating one ACCC cable. The collet-type fittings (201) comprise a collet (202) coincident with a collet housing (204) to hold the composite cores. The composite cores can be stripped of the aluminum conductor to provide a bond between the collet (202) and the composite core. After inserting the composite core into the collet (202), a compression element (206) compresses the collet (202). The collet (202) holds the composite core with frictional forces and the collet (202) further compresses and strengthens the hold on the composite core if the composite core pulls the collet (202) further into the collet housing (204).					
92.	Electrical connector for producing an electrical connection to a wire, and a method for producing such a connection	GB8613298	1986-07-09	TE CONNECTIVITY*	
A connector according to the invention for producing an electrical connection to a wire comprises an electrical pin (2), a sleeve (14) which can be expanded flexibly in a sprung manner, and an insulating socket (16). In order to produce the connection , a fine magnetic wire (magnet wire) (W) is wound around the sleeve (14) in order to form a wire winding (C), and the pin (2) is then pressed downwards in the socket (16), driving the sleeve (14) with it, to be precise in such a manner that a part (4) of the pin (2) having an enlarged cross-section enters the sleeve (14) and in consequence expands it so that the wire winding (C) is compressed between the sleeve (14) and the inner wall (54) of the socket (16). The sleeve (14) has externally located notch teeth (28) for penetrating the varnish insulation on the wire (W).					
93.	Bi-metallic connectors, method for producing the same, and method for connecting the same to a structure	WO2005124929	2005-12-29	PULSAR WELDING*	
A bimetallic connecting element has a first part made from a first metal, and a portion of this part is adapted for being attached to a structure. A second portion of this part has a peripheral wall defining a cavity. A second part of the connector is made from a second metal, and has a third portion concentrically received with respect to the cavity and fixed with respect to the first part by means of a pulse magnetic forming (PMF) process, in which the peripheral wall is impacted onto said third portion. The second part of the connector has a fourth portion adapted for attaching thereto a component made from a third metal. The structure onto which the connector is to be fixed, typically by welding, is made from a fourth metal that is weld-compatible with said first metal. A method is also disclosed for connecting a bimetallic connector to a structure to enable a component made from a metal that is not compatible with the structure to be connected to the structure.					
94.	Intermediate joint structure of superconductive cable	WO2006085409	2006-08-17	SUMITOMO ELECTRIC INDUSTRIES*	
A branch-type intermediate joint structure for connecting a first superconducting cable having at least one cable core including superconducting conductors and a second superconducting cable having a plurality of cable cores including superconducting conductors. The intermediate joint structure comprises a conductor joint part, a joint box, and a coolant. The conductor joint part can integrally connect the superconducting conductors of the at least one cable core exposed from the first superconducting cable and the superconducting conductors of the plurality of cable cores exposed from the second superconducting cable . The joint box houses the conductor joint part and the cable core ends connected with the conductor joint part. The coolant is filled in the joint box and cools the superconducting conductors.					
95.	Single-wire line quick-piercing connector	CN208580851	2019-03-05	SHENZHEN PLUKE INTELLIGENT INSPECTION EQUIPMENT*	
The present utility model provides a single- wire line flash piercing connector , comprising an upper platen cover, the lower housing, and a moment Cingulate piercing blades, with the lower housing shell has a 1st end of the press on the 1st ends pivotally mounted, and a lower shell of the blade at the punctured or wall; moment Cingulate shank has a plurality of slot width along post; 2nd press on the 1st through hole of the shell has a longitudinal end, and a lower shell of the 2nd through hole has a longitudinal end of the 2nd, 2nd through hole is disposed inside the bracket, and a 2nd through- hole 1st through hole and the shape and size of the shape and size of the stem of the strap to the torque matching. The present utility model torque on the head in contact with the press of the casing through Cingulate 1st through- hole outside, the stem portion of the 1st through- hole and pressed against the housing passes through the upper shell has a 2nd slot and the snap-fitted into the through- holes of the upper and lower sides of the housing is pressed on the 2nd end fashion to 2nd end of the shell are connected , so that the single- wire line quickly in the case of using an auxiliary tool without piercing connectors quick installation, reliable connection , easy operation.					
96.	Cable conductor link fitting of formula bolt is twisted off in area	CN206422243	2017-08-18	CEEPPOWER*	
The utility model provides a cable conductor link fitting of formula bolt is twisted off in area, including connecting pipe, screw, bolt , the connecting pipe is hollow cylinder, inside cavity for placing the cable , still include the screw on the connecting pipe pipe wall, the screw UNICOM cylindrical outside and cavity, be equipped with the screw thread in the screw, the bolt is for twisting off the formula bolt , bolt and screw thread looks adaptation.					

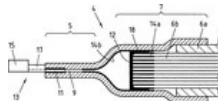
97. Impedance tuned termination assembly and **connectors** incorporating same TW456619 2001-09-21 BASSLER MAXWILL P.
BRUNKER DAVID L.
DAWIEDCZYK DANIEL L.
LOPATA JOHN E.
MOLEX*

A termination structure for a **cable connector** (104) having a pair of differential **wire** pairs and an associated ground **wire** utilizes a series of nests (183, 193), or solder cups, that have their dimensions tailored to maintain a desired level of electrical performance. These nests are also arranged in a configuration to maintain the aforementioned electrical performance, and also position the ground (650) and signal (653) conductors of the **cable** in the termination area in the same position and orientation as they take in the **cable**.



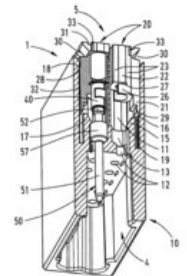
98. **Connector** for electrical system of motor car or wind-power plant, has contact part provided at distal end of **connector**, where **connector** is flattened in region of contact part and forms radially extending gap between walls of **conn...** DE102011011409 2012-08-16 AUTO KABEL*

The **connector** (4) has a sleeve (7) provided at a distal end of the **connector** for receiving a **cable** (6). The **cable** is electrically **connected** with the **connector** in a region of the sleeve. A contact part (5) is provided at another distal end of the **connector**, where the **connector** is flattened in the region of the contact part and forms a radially extending gap (9) between inner walls of the **connector**. The gap is formed for receiving a tongue (11) of a contact (13), where the contact has a **connection** region (15).



99. **Connecting device for a stranded conductor** CA2551382 2007-01-05 HARTING ELECTRIC*
HARTING ELECTRONICS

The device has a clamping shoulder formed on a **connection** region against a point, and an axially adjustable carriage unit (20) arranged with a through-hole on chambers (11) for insertion of a braided **wire**. A clamp sleeve (40) is supportably fixed to the carriage unit in an axial adjustment of the through-hole. The sleeve is suspended and ablated together with the carriage unit on a **connection** region (52) of a **bolt** or sleeve contact. A radial, fixed force of the sleeve acts on the braided **wire** inserted between the sleeve and the shoulder.



100. **Connector** unit for telecommunications and data networks, has panel essentially filling free box cross-section, covering/sitting on base, and contacting **wires** fixed to base with blade-clamp contacts DE10121424 2002-11-21 RIA BTR PRODUKTIONS* ○ ○

The device has a base (20) for insertion into and fixing in a wall box and for attachment of a network **cable** and its **wires**, a circuit board (60) for attachment to the base, at least one plug socket and electrical **connections** for **connecting** the socket to the **wires**. The circuit board essentially fills the free cross-section of the box, covers the base and sits on the base, and contacting the **wires** fixed to the base with blade-clamp contacts.

