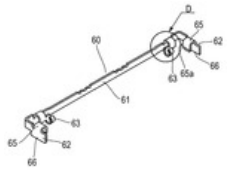
23 results for 14 and view - Collection: FAMPAT

#	Title	Publication number	Publ. date	Applicant/Assignee
1.	Electrical connector with an improved shell having a vertical blade to perform a shielding function	US20150050837	2015-02-19	HON HAI PRECISION INDUSTRY

An electrical connector (100) includes an insulative body (1) comprising a rear part (11), a front widened tongue (121), and a front narrowed tongue (122), a plurality of contacts (2) received in the insulative body, a metallic shell (3) enclosing the insulative body, a spacer (5) assembled to the insulative body for supporting the contacts, and a cable connected with the contacts and comprising two STP (Shielded Twisted Pair) wires (62) for high speed signal transmission, each of the two STP wires having a front section without aluminum foil. The metallic shell comprises a front shell (32) and a rear shell (33) assembled with each other, the rear shell defines a vertical blade (335) bent downwards from a top wall thereof, and the vertical blade extends downwards and is located between the front sections of the STP wires.

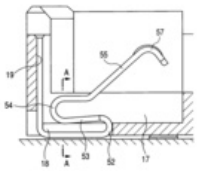
2.	Connector	US20150207248	2015-07-23	JAE ELECTRONICS JAPAN AVIATION ELECTRONICS INDUSTRY JAE ELECTRONIC PRODUCTS

A connector includes a housing, contacts arranged and held in the housing, and a shell attached around the housing. The shell is made from a plate and includes an elongated part extending along a sidewall of the housing and a spring piece adapted to contact a ground contact of a mating connector. The spring piece includes a base part protruded from the elongated part in the direction perpendicular to the direction in which the elongated part extends and bent so that its front end is positioned inward from the sidewall, an intermediate part extended from the front end of the base part in the direction in which the elongated part extends, and a contact tip extended from a front end of the intermediate part in the direction perpendicular to the direction in which the elongated part extends. The intermediate part is spaced away from an inner surface of the sidewall and the contact tip is positioned further inward from the inner surface than the intermediate part and a front end of the contact tip is directed to the side from which the mating connector is inserted. The spring piece of the shell can be made pliant even though the profile of the connector is low. Thus, connector profile reduction can be achieved.



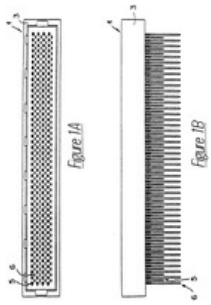
3.	Electronic part-mounting socket	US20050215087	2005-09-29	SMK

An electronic part-mounting socket includes a socket housing, and contacts The socket housing has contact receiving grooves formed at a bottom plate portion of an electronic part-receiving portion. The contact of an integral construction includes a fixing piece portion, a terminal piece portion laterally bent at a lower end of the fixing piece portion, a first bent-back portion formed by bending back a distal end portion of the terminal piece portion into a U-shape, an intermediate spring piece portion extending laterally from the first bent-back portion, a second bent-back portion formed by bending back a distal end portion of the intermediate spring piece portion into a U-shape, and a resilient contact piece portion extending continuously from the second bent-back portion in an upwardly-slanting manner. The fixing piece portions are inserted respectively in contact fixing holes, formed in the socket housing in an upward-downward direction, and are fixed thereto.



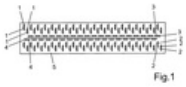
4.	Multicontact connector for signal transmission	EP0486298	1992-05-20	NEC WHITAKER TE CONNECTIVITY

A multiple contact electrical connector for transmission of electrical signals therethrough comprises first and second matable connectors (1,2) each including signal contacts (5,5 min) and ground contacts (6,6 min) secured in dielectric housings (3,3 min) and arranged in a two-dimensional manner therein. The signal contacts (5,5 min) and the ground contacts (6,6 min) are arranged in the housings (3,3 min) in rows spaced at regular intervals with the ground contacts being shifted half a pitch relative to the signal contacts so that when the matable connectors are mated together, the engaged signal contacts (5,5 min) are surrounded by the engaged ground contacts (6,6 min).



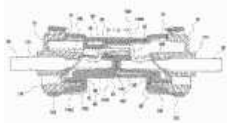
5.	Plug element for contacting a printed circuit board	WO2013/053343	2013-04-18	ERNI ELECTRONICS ERNI PRODUCTION

The invention relates to a plug element for contacting a printed circuit board, comprising a row of first spring elements (1) which are arranged in pairs and which are arranged such that each straight connecting line between two first spring elements (1) arranged in pairs runs parallel to each straight connecting line between two other first spring elements (1) arranged in pairs. The plug element likewise comprises a row of second spring elements (2) which are arranged in pairs and which are arranged such that each straight connecting line between two second spring elements (2) arranged in pairs runs parallel to each straight connecting line between two other second spring elements (2) arranged in pairs. A row of third spring elements (3) which are arranged in pairs is arranged between the first spring elements (1) and the second spring elements (2) such that all of the third spring elements (3) lie on a common straight line. Each straight connecting line between two first spring elements (1) arranged in pairs forms a first angle with the common straight line of the third spring elements. Each straight connecting line between two second spring elements (2) arranged in pairs forms a second angle together with the common straight line of the third spring elements. The first angle and the second angle each range from 45° to 135° independently of each other.



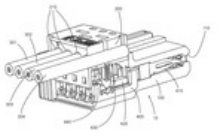
6.	Electrical disconnect with radially-spaced terminals	US7473123	2009-01-06	IDEAL INDUSTRIES

An electrical disconnect has a pair of selectably engageable enclosures each including a housing and a cap and one or more terminals supported therein. The terminals each have spring fingers at outer ends opposite wire ports in the cap to receive a stripped end of a wire in a push-in engagement. One terminal has a male blade and the other terminal has a female blade at forward ends thereof. The blades are releasably engageable in overlapping relation in an engagement zone. The housings have wire receiving receptacles therein which reside in the engagement zone when the enclosures are joined. A terminal holder biases the overlapping blades into contact with one another. The terminals are arcuately spaced about 120° from one another in a plane transverse to the longitudinal axis of the connector.



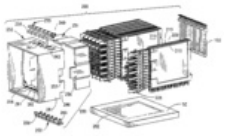
7.	Plug	EP3235060	2017-10-25	ERNI PRODUCTION ERNI ELECTRONICS

A plug (10) comprising at least one spring or blade contact element (410) which is disposed in a housing and is connected in an electrically conducting manner to at least one insulation displacement contact (430) that contacts and secures at least one insulated single-core cable (301, 302, 303, 304) is characterized in that the at least one insulation displacement contact (430) extends at a 90° angle from the spring or blade contact element (410) in the plug-in direction (R) of the spring or blade contact element (410) in such a way that the at least one insulated single-core cable extending in the plug-in direction is contacted and secured by an insulation displacement contact.



8. High-density connector assembly mounting apparatus — EP1451905 — 2004-09-01 — MOLEX

Connector assemblies having terminal assemblies which are arranged in side-by-side order are maintained in a group with a desired spacing between the terminal assemblies. The terminals fixed in place at a first point within insulative connector body portions. The terminals assemblies are fixed together by a alignment bar along their lower edges, with the bar having engagement lugs that are received within slots formed in the housings of the terminal assemblies, and they are fixed along their upper edges by a hollow retainer that has a series of slots formed in an interior surface thereof. The slots and the alignment bar are aligned together so that the spacing between adjacent terminal assemblies is even.

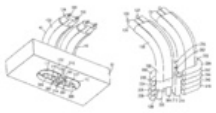


9. Ffc connector, direct-lit backlight module and wiring apparatus — WO2016/131200 — 2016-08-25 — CHINA STAR OPTOELECTRONICS TECHNOLOGY

An FFC connector, comprising: a base (11); an upper cover (12), rotatably hinged to the base; at least one elastic sheet (13), the elastic sheet being provided on the base, a top end of the elastic sheet protruding from an upper surface of the base, and a bottom end of the elastic sheet extending out of a lower surface of the base; a location piece (**14**), protruding from the upper surface of the base; and a bent extension portion (15) provided at a free end of the upper cover, the extension portion being clamped to the base. The FFC connector can well fasten an FFC flat cable and enable the FFC flat cable to be reliably and electrically connected to light bar components; after a plug end of the FFC flat cable is electrified, the FFC flat cable can be electrically connected to all of the light bar components via all FFC connectors; a wiring mode is simple, fastening is reliable, the wiring difficulty of the FFC flat cable is greatly reduced, and the assembly efficiency of a backlight module is greatly improved; and meanwhile, the wiring mode is high in automation degree, and a wiring process is greatly simplified.

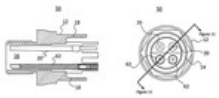
10. High speed, high density interconnect system for differential and single-ended transmission applications — US20020094705 — 2002-07-18 — CLEMENTS NATIONAL; SRI HERMETICS; TRU; WINCHESTER ELECTRONICS HOLDINGS; WINCHESTER HOLDING; 4 more...

The present invention is directed to a high density electrical connector which can provide 80 or more twinax connections per linear inch in a 20 millimeter card slot. In a typical electronic system package, 20 millimeters is the spacing from center line to center line of the adjacent parallel daughtercards. Twinax cable is coaxial cable that contains two inner conducting wires rather than one. The two inner conducting wires provide two physical channels. Coaxial cable is called "coaxial" because it includes one physical channel that carries the signal surrounded (after a layer of insulation) by another concentric physical channel, both running along the same axis. The outer channel serves as ground.



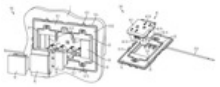
11. Electrical contact for shock-resistant electrical connector — EP2537208 — 2012-12-26 — TELEDYNE INSTRUMENTS GEOPHYSICAL PRODUCTS; TELEDYNE TECHNOLOGIES

An electrical connector (50) in the form of a socket assembly (62) defining a plurality of arcuate leaf contacts (74) adapted for insertion of a pin contact therein. The socket assembly comprises an elongate socket core (64) having the leaf contacts formed at a distal end thereof, and a substantially cylindrical hood (66) surrounding the leaf contacts. In one embodiment of the invention, the hood is provided with structure for limiting the radial outward deflection of the leaf contacts when the electrical connector is subjected to shock forces. The limiting structure can be a stepped inner cylindrical sidewall (78) of the hood, defining a reduced inner diameter portion (80) of the hood surrounding at least a distal portion of each leaf contact.



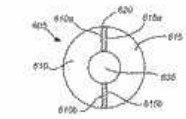
12. A shutter assembly for electrical devices — WO2013/159122 — 2013-10-24 — PASS & SEYMOUR; SYRACUSE UNIVERSITY

The present invention is directed to a shutter assembly that includes a base tandem member and an inner tandem member disposed within the base tandem member between retainer walls. The inner tandem member is configured to move within the base tandem member from a shutter closed position to a shutter open position when a base tandem key member and an inner tandem key member are simultaneously engaged by a hot plug blade and a neutral plug blade of a plug blade set. An aligning retainer assembly is coupled between the base tandem member and the inner tandem member and is configured to substantially limit both the latitudinal movement and the longitudinal movement of the inner tandem member within the base tandem member such that the inner tandem member is substantially prevented from being skewed when moving between the shutter closed position and the shutter open position.



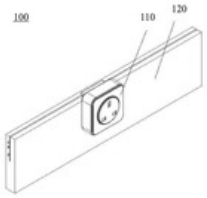
13. Earbud case with charging system — EP3151582 — 2017-04-05 — APPLE

A case for a pair of earbuds includes a housing having cavities to receive the pair of earbuds and charging circuitry that is configured to initiate charging of the pair of earbuds when an earbud detector detects that the earbuds are inserted within the cavities.



14. Socket and power connection system comprising same — EP3340396 — 2018-06-27 — SHANUTEC; SHANUTEC SHANGHAI

The present application relates to a socket. The socket may include a housing and a plug. At least one of a slot or a hole may be positioned on at least one side of the housing. A clamping conducting strip may be positioned in the housing. At least two elastic conducting contacts may be positioned on a surface of plug. The elastic conducting contacts may connect to a power source, and the plug may be positioned outside the housing. A connecting groove may be positioned on a back side of the housing. An inner contact point may be positioned in the connecting groove and be connected to the clamping conducting strip. A connector may be positioned in the plug. An external contact point may be positioned on the connector. The external contact point may be connected to the elastic conducting contact. The connector may be inserted into the connecting groove.



15. Joint connector — US20070202753 — 2007-08-30 — FURUKAWA ELECTRIC; TOYOTA MOTOR

A joint connector according to the present invention is provided with a circuit board, a male connector having male terminals provided on the circuit board at a predetermined interval and standing in one direction and a direction that crosses the one direction, the male terminals being selectively connected by a copper foil circuit, and a female connector in which female connector elements each having female terminals inserted and interlocked in female terminal holders are stacked, wherein the male connector and the female connector are fit to each other. This achieves cost reduction and improvement in work efficiency in electric wire connection by attaining easy electric wire connection and branching.