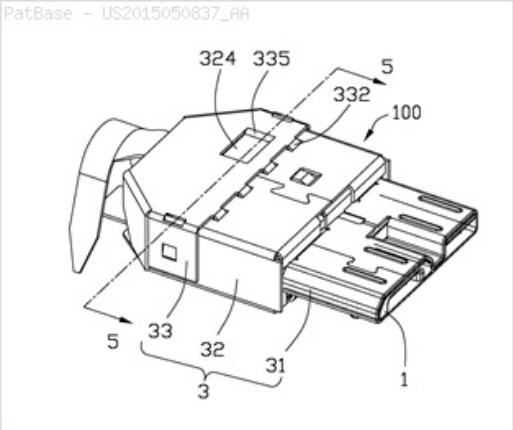
1) Family number: 55968004 (US2015050837A)

Title: ELECTRICAL CONNECTOR WITH AN IMPROVED SHELL HAVING A VERTICAL BLADE TO PERFORM A SHIELDING FUNCTION

Abstract: 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.

Classifications:
International (IPC 8-9): H01R13/502 H01R13/6461 H01R13/6463 H01R13/6581 H01R13/6585 H01R13/6592 H01R13/66 H01R9/03 (Advanced/Invention)
CPC: H01R13/6463 H01R13/6585 H01R13/6592
US: 1/1 439/607.55



Family:

Publication number	Publication date	Application number	Application date
CN203481476 U	20140312	CN201320492811U	20130814
US2015050837 AA	20150219	US20140458535	20140813
US9431767 BB	20160830	US20140458535	20140813

Priority:
CN201320492811U 20130814

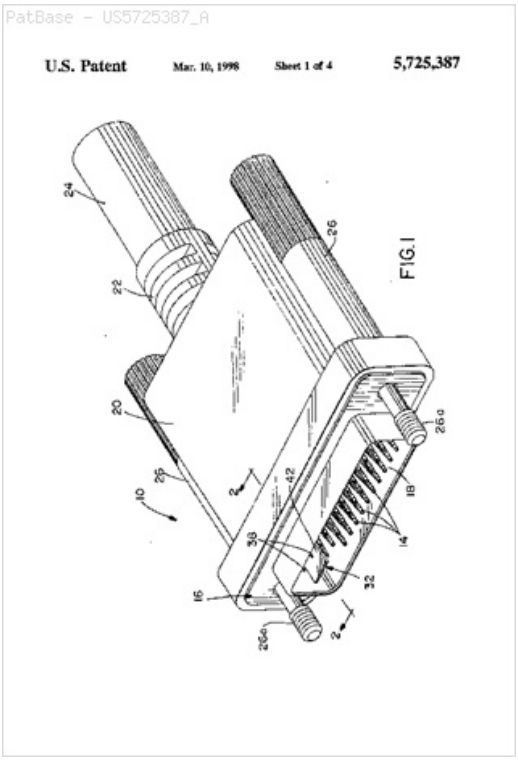
Probable Assignee: HON HAI PRECISION IND CO LTD
Assignee(s): (std): FOXCONN KUNSHAN COMPUTER CONNECTOR CO LTD ; HON HAI PREC IND CO LTD ; HONHAI PRECISION IND CO LTD ; FOXCONN KUNSHAN COMP CONNECTOR
Assignee(s): FOXCONN KUNSHAN COMPUTER CONNECTOR CO ; HON HAI PRECISION IND CO ; HON HAI PRECISION IND CO LTD
Inventor(s): (std): CHEN JUN ; SONG ZHANFENG ; WU RONGFA ; WU JERRY ; SONG ZHAN FENG
Agent(s): WEI TE; MING CHIEH

2) Family number: 29187421 (US5725387A)

Title: SYSTEM FOR TERMINATING THE SHIELD OF A HIGH SPEED CABLE

Abstract: A method is disclosed for terminating the metallic shield of a high speed cable which includes an inner dielectric inside the metallic shield, as well as a system for effecting the method. At least a portion of the outer jacket of the cable is removed to expose a portion of the metallic shield. An insulating member is positioned between the metallic shield and the inner dielectric of the cable. The cable then is positioned on a conductive terminating member having a portion in registry with the exposed portion of the metallic shield outside the insulating member. The metallic shield is soldered to the portion of the terminating member, as the insulating member protects the inner dielectric from the heat of the soldering step.

Classifications:
International (IPC 8-9): H01R13/64 H01R13/648 H01R13/658 H01R13/6585 H01R13/6592 H01R4/18 H01R43/00 H01R9/03 H01R9/05 (Advanced/Invention);
H01R13/621 H01R13/648 (Advanced/Non-invention);
H01R13/64 H01R13/648 H01R13/658 H01R4/10 H01R43/00 H01R9/03 H01R9/05 (Core/Invention);
H01R13/621 H01R9/05 (Core/Non-invention)
International (IPC 1-7): H01B17/00 H01R13/646 H01R13/648 H01R13/652 H01R13/658 H01R17/12 H01R4/02 H01R4/66 H01R43/00 H01R9/05
CPC: H01R13/6585 H01R13/6592 H01R9/038 H01R4/187 H01R9/0518 H01R13/6215
European: H01R13/658 H01R4/18K H01R9/03S5 H01R9/05H T01R13/621A
US: 439/610 439/98



Family:

Publication number	Publication date	Application number	Application date
CN1092852 C	20021016	CN19971010044	19970228
CN1168550 A	19971224	CN19971010044	19970228
EP0793307 A2	19970903	EP19970103080	19970226
EP0793307 A3	19981125	EP19970103080	19970226
JP10041021 A2	19980213	JP19970087136	19970228
JP3015944 B2	20000306	JP19970087136	19970228
KR19970068031 A	19971013	KR19970006836	19970228
KR970068031 A	19971013	KR19970006836	19970228
MX9701565 A1	19970930	MX19970001565	19970228
SG54468 A1	19981116	SG19970000373	19970220
TW326586 B	19980211	TW19970102097	19970221
US5725387 A	19980310	US19960609577	19960301

Priority:

US19960609577 19960301

Probable Assignee: MOLEX CORP

Assignee(s): (std)**:** MOLEX CORP ; MOLEX INC

Assignee(s): MOLEX INCORPORATEDUS

Inventor(s): (std)**:** BRUNKER D L ; BRUNKER DAVID L ; DAVID L BRUMFIELD ; DAVID L BRUNKER ; DL BRUNKER ; MANCHESTER G S ; MANCHESTER GARY S ; MICHAEL O SULLIVAN ; GS MANCHESTER ; MURPHY PAUL ; O SULLIVAN MICHAEL ; O SULLIVAN M ; PAUL MURPHY ; GARY S MANCHESTER

Inventor(s): G S MANCHESTER ; MICHAEL OSULLIVAN ; M O SULLIVAN ; D L BRUNKER

Designated states: DE FR GB IT NL

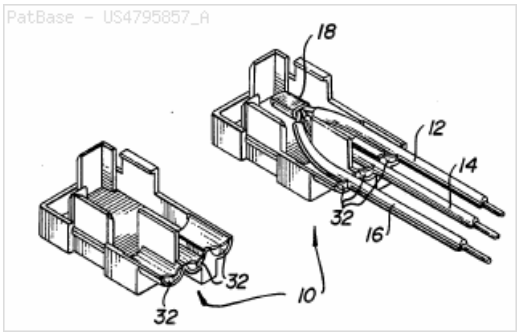
3) Family number: 2812560 (US4795857A)

Title: WATERPROOF HOUSING FOR THE SPLICED ENDS OF ELECTRICAL CABLES

Abstract: A waterproof housing which is intended to be buried in the ground, and which serves to protect the splices of buried electrical cables such as are used, for example, in irrigation control systems. The housing is formed of two identical half-sections configured to snap together around the crimped splice of two or more cables. Each half-section is pre-filled with a plastic insulating gel which becomes adhesively attached to the crimping sleeve of the splice and which forms a perimeter seal around the splice. Troughs are provided at one end of each section as a means of entry for wires to be spliced. Thin frangible dams are molded onto the outer ends of the troughs to maintain the gel in the half-sections during filling, and which are crushed by the cables when the two half-sections are pressed together.

Classifications:

International (IPC 8-9): H01R13/52 (Advanced/Invention);
H01R13/506 (Advanced/Non-invention);
H01R13/52 (Core/Invention);
H01R13/502 (Core/Non-invention)
International (IPC 1-7): H01R13/506 H01R13/52 H01R4/22
CPC: H01R13/52 H01R13/5213 H01R13/506
European: H01R13/52H T01R13/506
US: 174/138F 174/76 174/87 174/92 439/521 439/731



Family:

Publication number	Publication date	Application number	Application date
US4795857 A	19890103	US19880150241	19880129

Priority:

US19880150241 19880129

Probable Assignee: GARDEN AMERICA A CORP OF CA CORP

Assignee(s): (std): GARDENAMERICA CORP

Assignee(s): GARDEN AMERICA A CORP OF CA CORP ; GARDEN AMERICA CORP

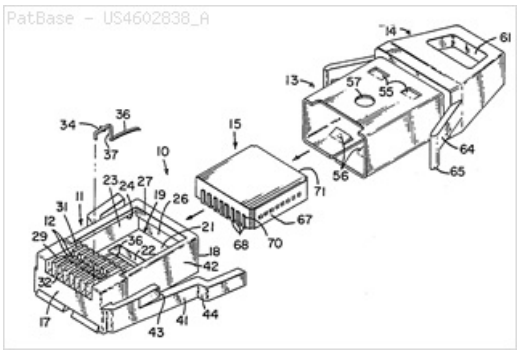
Inventor(s): (std): MCINNIS PATRICK M

4) Family number: 5233833 (US4602838A)

Title: ELECTRONIC KEY ASSEMBLIES

Abstract: An electronic key assembly (10) comprising an insulating plug body (11) having a front mating end (17) for receipt in a jack and a rearwardly spaced, chip carrier receiving cavity (19). A series of contacts (12) having first contact portions (34) are mounted in body recesses (32) at the mating end for engagement with spring contacts of a complementary jack and second spring contact portions (36) which extend into the cavity (19) are for engagement with respective leads of a chip carrier (15) received therein. Releasable latch arms (41) extend rearwardly from the mating end (17) and a sleeve-form shield (12) moulded in the fingerpiece (14) is received on the body (11) to surround a rear end and the chip carrier (15). Anti-overstress arms (64) extending from the fingerpiece (14) hook over the latch arms (41) to prevent excessive movement of the latch arms (41) away from the body (11).

Classifications:
International (IPC 8-9): H01R13/506 H01R13/658 H01R13/66 H01R4/02 H05K5/02 H05K7/10 (Advanced/Invention);
H01R13/506 H01R13/658 H01R13/6582 H01R4/02 (Advanced/Non-invention);
H01R13/66 H05K7/10 (Core/Invention);
H01R13/502 H01R13/658 H01R4/02 (Core/Non-invention)
International (IPC 1-7): H01R13/627 H01R13/648 H01R13/66
CPC: Y10S439/945 H01R13/6582 H05K7/10 H05K5/026 H01R4/02 H01R13/506 H01R13/665
European: H01R13/66D H05K5/02H2 H05K7/10 T01R13/506 T01R13/658 T01R4/02
US: 339/143R 339/147P 339/147R 339/14R 339/206R 339/91R 439/108 439/350 439/354 439/607 439/607.01 439/620 439/620.1 439/712 439/928.1 439/945



Family:

Publication number	Publication date	Application number	Application date
AU198550183 A1	19860502	AU19850050183	19851015
US4602838 A	19860729	US19850762793	19850802
US4620762 A	19861104	US19850761344	19850731
US4648665 A	19870310	US19850787288	19851015
WO8602496 A1	19860424	WO1985US02023	19851015

Priority:

US19840661498 19841016 US19840669554 19841108 US19850761344 19850731
US19850762793 19850802 WO1985US02023 19851015 US19850787288 19851015

Probable Assignee: AMP INC

Assignee(s): (std): AMP INC

Assignee(s): AMP INC PO BOX 3608 HARRIBURG PA 17105

Inventor(s): (std): SAMUEL DAVIS WAYNE ; RICHARD DEFIBAUGH GEORGE ; ALAN FORTUNA JON ; DAVIS WAYNE S ; DEFIBAUGH GEORGE R ; FORTUNA JON A ; DAVIS WAYNE SAMUEL ; DEFIBAUGH GEORGE RICHARD ; FORTUNA JON ALAN

Designated states: AT AU BE CH DE DK FI FR GB IT JP KR LU NL NO SE