

Title (en)

ELECTRICAL CONNECTOR HAVING AN IMPROVED CONNECTOR SHIELD AND A MULTI-PURPOSE STRAIN RELIEF

Title (de)

STECKVERBINDER MIT VERBESSERTER ABSCHIRMUNG UND MEHRZWECKE ZUGENTLASTUNG

Title (fr)

CONNECTEUR ELECTRIQUE POSSEDANT UN BLINDAGE AMELIORE ET UN SERRE-CABLE POLYVALENT

Publication

**EP 0956619 B1 20040102 (EN)**

Application

**EP 98954048 A 19981030**

Priority

- US 9823126 W 19981030
- US 6435697 P 19971030
- US 6437097 P 19971030
- US 7410298 P 19980209

Abstract (en)

[origin: WO9923727A1] An electrical connector (10) having an improved connector shield and a multi-purpose strain relief (72) includes an electrically insulative contact support member (32) having a rearward cable termination end (38) and a plurality of electrical contacts (34) positioned on the support member (32) forward of the termination end (38). An electrically conductive contact shield housing (58) having an outer (66) and inner walls (68, 70) surrounds the contact support member (32) and extends rearward beyond the electrical contacts (34) to shield both the contacts (34) and the discrete conductors (18) of a multi-conductor cable. The connector includes an electrically conductive strain relief device (72) comprised of mirrored strain relief members (72, 74) which are in electrical communication with the shield housing (58) and the cable ground thereby providing a ground path between the cable ground (16) and the contact shield housing (58).

IPC 1-7

**H01R 13/658**; **H01R 24/00**; **H01R 13/58**

IPC 8 full level

**H01R 4/24** (2006.01); **H01R 13/58** (2006.01); **H01R 13/658** (2011.01); **H01R 24/00** (2006.01)

CPC (source: EP)

**H01R 13/5804** (2013.01); **H01R 13/5837** (2013.01); **H01R 13/6586** (2013.01); **H01R 4/2433** (2013.01); **H01R 13/6471** (2013.01)

Citation (examination)

EP 0634817 A2 19950118 - THOMAS & BETTS CORP [US]

Cited by

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**WO 9923727 A1 19990514**; AT E257282 T1 20040115; AU 1126599 A 19990524; CA 2275923 A1 19990514; CA 2275923 C 20061219; DE 69820857 D1 20040205; DE 69820857 T2 20041216; EP 0956619 A1 19991117; EP 0956619 B1 20040102; JP 2001507512 A 20010605; JP 4021500 B2 20071212

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