Title (en)

Shunt-protected electrical connector.

Title (de)

Durch einen Shunt geschützter elektrischer Verbinder.

Title (fr)

Connecteur électrique protégé par un shunt.

Publication

EP 0112711 A1 19840704 (EN)

Application

EP 83307737 A 19831220

Priority

US 45217082 A 19821222

Abstract (en)

An electrical connector in which preselected terminals (16) are shunted. Contact portions (108) of the terminals (16) are aligned with a shunt bar (113, 113 min) and are resiliently deformable from positions engaging the shunt bar (113, 113 min) in an unmated condition of the connector to positions spaced from the shunt bar (113, 113 min) in a mated condition of the connector by mating engagement with a complimentary connector. The shunt bar (113, 113 min) comprises a bridge portion from which asymmetrically spaced contact lugs (116, 117, 116 min , 117 min) depend. Two shunt bars (113, 113 min) are located in tandem in back-to-back relation in a housing (15) so that alternate contact tongues (108) are aligned with respective contact lugs (116, 117 min , 116 min , 117) on respective shunt bars (113, 113 min).

IPC 1-7

H01R 13/703

IPC 8 full level

H01R 9/03 (2006.01); **H01R 13/648** (2006.01); **H01R 13/703** (2006.01); **H01R 24/00** (2006.01); H01R 13/28 (2006.01); H01R 13/58 (2006.01); H01R 13/658 (2006.01); H01R 31/08 (2006.01)

CPC (source: EP)

H01R 13/65912 (2020.08); **H01R 13/7032** (2013.01); H01R 13/28 (2013.01); H01R 13/5841 (2013.01); H01R 13/6582 (2013.01); H01R 13/6593 (2013.01); H01R 31/08 (2013.01)

Citation (search report)

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Designated contracting state (EPC)

AT BE CH DE FR GB IT LI NL SE

DOCDB simple family (publication)

EP 0112711 A1 19840704; **EP 0112711 B1 19860521**; AT E19908 T1 19860615; AU 2254583 A 19840628; AU 564628 B2 19870820; BR 8307046 A 19840731; CA 1241714 A 19880906; DE 3363609 D1 19860626; DE 8336870 U1 19840315; ES 276451 U 19840501; ES 276451 Y 19841201; HK 48189 A 19890623; IE 55318 B1 19900801; IE 832982 L 19840622; JP H0328789 B2 19910422; JP S59171480 A 19840927; MX 154162 A 19870527; MY 8800099 A 19881231; SG 16689 G 19890707

DOCDB simple family (application)

EP 83307737 A 19831220; AT 83307737 T 19831220; AU 2254583 A 19831220; BR 8307046 A 19831221; CA 443912 A 19831221; DE 3363609 T 19831220; DE 8336870 U 19831222; ES 276451 U 19831221; HK 48189 A 19890615; IE 298283 A 19831219; JP 24366483 A 19831222; MX 19986483 A 19831221; MY 8800099 A 19881230; SG 16689 A 19890329