

Title (en)
SHUNT-PROTECTED ELECTRICAL CONNECTOR

Publication
EP 0112711 B1 19860521 (EN)

Application
EP 83307737 A 19831220

Priority
US 45217082 A 19821222

Abstract (en)
[origin: EP0112711A1] 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 24/00 (2006.01); **H01R 9/03** (2006.01); **H01R 13/648** (2006.01); **H01R 13/703** (2006.01); **H01R 13/28** (2006.01); **H01R 13/58** (2006.01); **H01R 13/658** (2011.01); **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)

Cited by
EP0655808A3; EP0219304A1; EP1622231A1; EP0455575A3; EP0634816A1; CN1063584C; EP0450190A1; EP0641043A3; EP0456396A3; EP0610088A3; CN1066861C; EP0587303A3; EP0865113A3; GB2233164A; US5061196A; EP0318644A3; EP0158531A3; GB2400244A; GB2400244B; US5195902A; EP1026791A3; US7465196B2

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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