

Title (en)
Electrical plug connector

Title (de)
Elektrischer Steckverbinder

Title (fr)
Connecteur électrique du type fiche

Publication
EP 0789939 B1 19990623 (EN)

Application
EP 95932408 A 19950908

Priority
• US 9511270 W 19950908
• US 33221894 A 19941031
• US 33417294 A 19941031

Abstract (en)
[origin: WO9613878A1] A method and fixture for aligning and bonding a plurality of discrete insulation jacketed conductors to facilitate handling and insertion of the conductors into an electrical connector housing to be electrically terminated therein. The method comprises the steps of selecting plural discrete insulation jacketed conductors arranged in at least two different planes, arranging and aligning the ends of plural conductors in side-by-side fashion in a common plane on a fixture, and bonding the insulation jackets of adjacent wire ends to form a unitary ribbon type cable for ease of handling and termination. A preferred bonding procedure is by the application of localized heat to the wire ends to effect a melting and bonding of the insulation jackets. Optionally, a performance enhancing load bar insert may be incorporated between the conductors downstream from the wire ends, whereby to separate such conductors and reduce crosstalk.

IPC 1-7
H01R 9/07

IPC 8 full level
H01R 13/33 (2006.01); **H01B 13/00** (2006.01); **H01R 9/03** (2006.01); **H01R 13/56** (2006.01); **H01R 24/00** (2006.01); **H01R 24/64** (2011.01); **H01R 43/28** (2006.01); **H01R 12/67** (2011.01); **H01R 13/26** (2006.01)

CPC (source: EP KR)
H01R 12/61 (2013.01 - KR); **H01R 12/78** (2013.01 - KR); **H01R 24/64** (2013.01 - EP); **H01R 12/67** (2013.01 - EP); **H01R 13/26** (2013.01 - EP)

Cited by
DE19959823A1; DE19959823C2; BG64720B1

Designated contracting state (EPC)
DE ES FR GB IT NL SE

DOCDB simple family (publication)
WO 9613878 A1 19960509; AU 3546195 A 19960523; AU 688593 B2 19980312; CN 1076891 C 20011226; CN 1161864 C 20040811; CN 1171172 A 19980121; CN 1312601 A 20010912; DE 69510464 D1 19990729; DE 69510464 T2 20000224; EP 0789939 A1 19970820; EP 0789939 B1 19990623; ES 2135088 T3 19991016; JP 4070805 B2 20080402; JP H10508146 A 19980804; KR 970707607 A 19971201

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