

Title (en)
TERMINALS FOR ELECTRICAL CONNECTORS

Title (de)
ANSCHLUSSKLEMMEN FÜR EINEN ELEKTRISCHEN STECKVERBINDER

Title (fr)
BORNES POUR CONNECTEURS ÉLECTRIQUES

Publication
EP 3198684 A4 20180516 (EN)

Application
EP 14902532 A 20140922

Priority
US 2014056829 W 20140922

Abstract (en)
[origin: WO2016048271A1] A female terminal for an electrical connector may generally include a socket with an opening for receiving a male terminal, a first pair of contacts, a second pair of contacts, a pair of crimping members, and positioning tabs. The socket may be defined by a pair of opposing sidewalls, a top, and a bottom, at least in examples where the socket is generally rectangular. The first and second pairs of contacts may be disposed along the pair of opposing sidewalls, projecting at least partially into the socket configured to contact and exert substantially the same normal force on a male terminal that is inserted into the socket. The pair of crimping members can be utilized to secure a wire to the female terminal, and the positioning tabs may be utilized to secure the female terminal within the electrical connector.

IPC 8 full level
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CPC (source: EP)
H01R 13/113 (2013.01); **H01R 4/184** (2013.01); **H01R 13/432** (2013.01); **H01R 13/6272** (2013.01); **H01R 2107/00** (2013.01)

Citation (search report)

- [XYI] EP 0638959 A2 19950215 - MOLEX INC [US]
- [XA] US 5145422 A 19920908 - FRY RUPERT J [US]
- [Y] US 2014242824 A1 20140828 - KARADIMAS MARGARET [US], et al
- See references of WO 2016048271A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

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DOCDB simple family (application)
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