

Title (en)
Slotted plate electrical connector.

Title (de)
Elektrischer Verbinder mit einem geschlitzten Anschlussteil.

Title (fr)
Connecteur électrique à lame fendue.

Publication
EP 0000624 A1 19790207 (EN)

Application
EP 78300101 A 19780629

Priority
US 81740677 A 19770720

Abstract (en)
The invention relates to an electrical connector into slotted plate terminals of which, wires can be inserted axially so that the housing of the connector need not be designed to allow lateral insertion of the wires into the terminals. As shown in Figure 4 (upper part) an electrical terminal in a cavity (14) in an insulating housing has a loop shaped wire receiving part (40) having a wire receiving slot (44) formed in its free end portion (42). A wire (72) can be inserted through a wire receiving opening, bounded by an edge (73), in the wire receiving part (40) to extend across the mouth of the wire receiving slot (44). As shown in the lower part of Figure 4 a tool (70) can be driven against the edge (73) to deform the wire receiving part (40), guided by an arcuate surface (58) of the housing, to force the electrically conductive core of the wire (72) into the slot (44).

IPC 1-7
H01R 9/08; **H01R 13/38**

IPC 8 full level
H01R 4/24 (2006.01); **H01R 4/48** (2006.01)

CPC (source: EP US)
H01R 4/2437 (2013.01 - EP US)

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DE FR GB

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US 4114975 A 19780919; CA 1085942 A 19800916; DE 2860406 D1 19810226; EP 0000624 A1 19790207; EP 0000624 B1 19810107; ES 471855 A1 19790201; IT 1097851 B 19850831; IT 7825891 A0 19780719; JP S5422591 A 19790220; JP S5746188 B2 19821001

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US 81740677 A 19770720; CA 306827 A 19780705; DE 2860406 T 19780629; EP 78300101 A 19780629; ES 471855 A 19780719; IT 2589178 A 19780719; JP 8722578 A 19780719