

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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**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