

Title (en)

AN ELECTRICAL PLUG RECEPTACLE CONNECTOR AND A METHOD OF MANUFACTURING SUCH A CONNECTOR

Publication

**EP 0009867 B1 19821124 (EN)**

Application

**EP 79301574 A 19790803**

Priority

- US 1444279 A 19790223
- US 94053678 A 19780908
- US 94409578 A 19780920
- US 96744178 A 19781207

Abstract (en)

[origin: EP0009867A1] A receptacle connector (2) comprises an insulating housing (6) having an opening (12) for receiving a plug (68), contact springs (58) on contacts (52b) in the housing (6) extending obliquely across the opening (12) for engaging the contacts (not shown) on the underside of the plug (68). Each contact (52b) comprises a flat strip of metal and lies in a channel (46b) in the housing (6), a tail portion (60b) of the contact (52b) extending from the housing (6) through a hole in a printed circuit board (4), the contacts (52b) being retained by barbs (62b) thereon in the channels (46b). According to the method of manufacturing the receptacle connector, contacts (52b) are applied to the housing (6) simultaneously, in the form of juxtaposed rectilinear metal strips (not shown) joined by carrier strips, the rectilinear strips being then bent to shape by means of tooling (not shown) in cooperation with the housing (6).

IPC 1-7

**H01R 23/02**; **H01R 23/68**

IPC 8 full level

**H01R 13/33** (2006.01); **H01R 13/44** (2006.01)

CPC (source: EP)

**H01R 24/62** (2013.01); **H01R 43/16** (2013.01); **H01R 12/7023** (2013.01); **H01R 12/724** (2013.01); **H01R 13/33** (2013.01); **H01R 13/44** (2013.01); **H01R 2201/16** (2013.01)

Cited by

EP0914696A4; EP0903817A1; US4508410A; EP0604213A3; EP0019395A1; EP0017358A1; EP0260822A3; EP0601290A3; GB2260656A; EP0028460A1; EP0039569A3

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