

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

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CPC (source: EP)

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Cited by

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

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