Title (en)
METHOD OF CONNECTING AN ELECTRICAL PLUGGABLE CONNECTOR

Publication
EP 0054854 B1 19870902 (DE)

Application
EP 81110328 A 19811211

Priority
DE 3047684 A 19801218

Abstract (en)
[origin: EP0054854A2] 1. A method for producing a permanent connection between an electrical plug connector (1; 21) and a multi-wire conductor (6; 6'; 24), wherein the plug connector (1; 21) comprises a detachable plug portion (2; 22) and a contact portion (3; 23), the contact portion being connected by a pinched connection to a portion of the multi-wire conductor (6; 6'; 24) via at least one pair of tongues (7, 8; 25) surrounding the conductor (6; 6'; 24) and having at least one opening (9, 10; 27) arranged between the tabs (7, 8; 25) for access to the conductor (6; 6'; 24), the contact portion extending either transversly to the longitudinal axis (x-x) of the plug connector (1) or in the direction of the longitudinal axis (x"-x") of the plug connector (21), characterised in that in addition to the pinched connection, the tongues (7, 8; 25) of the contact portion (3; 23) are connected to the conductor (6; 6'; 24) by solder (11, 11', 28), a piece of soldering wire (11; 28) being held between the pair or pairs of tongues (7, 8; 25), that the pair or pairs of tongues (7, 8; 25) is/are curved around the conductor (6; 24) in order to produce a pinched connection, and that the plug connector (1; 21) and/or the conductor (6; 24) is/are heated in the contact portion (3; 23).

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H01R 4/18

IPC 8 full level
H01R 4/18 (2006.01); H01R 43/02 (2006.01)

CPC (source: EP)
H01R 4/187 (2013.01); H01R 4/18 (2013.01); H01R 43/02 (2013.01)

Citation (examination)
DE 7111024 U 19710812

Cited by
EP0793296A1; EP1124284A3; US6066010A; GB2349018A; GB2349018B; EP0668628A3; EP1655804A3; EP0738024A3; US5762526A; US6334798B1

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EP 81110328 A 19811211; DE 3047684 A 19801218; ES 261914 U 19811207; IE 298481 A 19811217; PT 7414981 A 19811217