

Title (en)
Electrical Connector

Title (de)
Elektrischer Steckverbinder

Title (fr)
Connecteur Electrique

Publication
EP 1445840 B1 20050824 (DE)

Application
EP 03010514 A 20030509

Priority
GB 0302890 A 20030210

Abstract (en)
[origin: EP1445840A1] The electrical plug connector has a housing with at least one socket section for accommodating a plug contact and two flexible arms for attaching the housing to a holder. The flexible arms enable tilting and displacement of the housing in all three spatial directions relative to the holder. Each arm has an outer section rotatably attached to the holder so that the outer section is pivoting about a pivot axis parallel to a plugging direction. The electrical plug connector (10) has a housing with at least one socket section (14) for accommodating a plug contact and two flexible arms (50) for attaching the housing to a holder (60), whereby the flexible arms enable tilting and displacement of the housing in all three spatial directions relative to the holder. Each arm has an outer section rotatably attached to the holder so that the outer section is pivoting about a pivot axis parallel to a plugging direction. An independent claim is also included for the following: (a) a method of electrically connecting a first electrical lead to a second electrical lead.

IPC 1-7
H01R 13/631; H01R 13/73; H01R 31/06; H01R 12/26

IPC 8 full level
H01R 13/26 (2006.01); **H01R 13/627** (2006.01); **H01R 13/631** (2006.01); **H01R 13/73** (2006.01)

CPC (source: EP)
H01R 13/26 (2013.01); **H01R 13/6272** (2013.01); **H01R 13/6315** (2013.01); **H01R 13/73** (2013.01)

Cited by
FR2940862A1; CN102790329A; EP4407813A1; EP1930990A1; DE102016009225A1; CN113196578A; DE102016009225B4

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

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EP 03010514 A 20030509; AT 03010514 T 20030509; DE 50301038 T 20030509; GB 0302890 A 20030210