Title (en)
Multipolar plug-in connection for electronic signal lines

Title (de)
Mehrpoliger Steckverbinder für elektronische Signalleitungen

Title (fr)
Connexion enfichable multipolaire pour lignes de signaux électroniques

Publication
EP 1182745 B1 20050309 (DE)

Application
EP 00126652 A 20001205

Priority
DE 20014791 U 20000826

Abstract (en)
[origin: CA2351986A1] A plug connector having a housing and an insulating body in the housing, provided with contact inserts corresponding to the total number of lines passing through, each with a connecting sleeve, insert foot, insert body and with sockets/pins, wherein at least one line is electrically connected via a matching circuit to the housing. It is intended to be developed such that the matching circuits are accommodated by the plug connector housing and can be connected to the signal conductors and to the housing ground. For this purpose, the connector receptacles are in the form of roughly cylindrical apertures with circumferential inner rings which, facing the filter pocket, have an axial groove, with a window toward the filter pocket. Each o f the inserted contacts inserts has a matching ring which interacts with the inner ring and is provided with means to ensure firstly that the contact insert is seated without any play, and secondly that contact is made with the matching circuit.

IPC 1-7
H01R 13/719; H01R 12/16; H01R 13/66

IPC 8 full level
H01R 12/16 (2006.01); **H01R 13/66** (2006.01); **H01R 13/719** (2011.01)

CPC (source: EP US)
H01R 13/6625 (2013.01 - EP US); **H01R 13/7195** (2013.01 - EP US)

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