

Title (en)
Connector for backplanes.

Title (de)
Steckverbinder für Rückwandverdrahtungen.

Title (fr)
Connecteur pour panneaux arrières.

Publication
EP 0677898 A2 19951018 (DE)

Application
EP 95103080 A 19950303

Priority
DE 4412975 A 19940414

Abstract (en)
The plug connector for back-panel wiring has a multipoint plug strip formed as a rectangular housing open at the side. This plugs into a back-panel circuit board. The connector also has a multiple connector strip which plugs into the plug strip and is fixedly connected to a circuit board. The male and female contacts are arranged in parallel in several rows. The individual contact springs are surrounded by electrically conductive screen plates which are connected at the back and also as contacts to which a corresponding potential is applied. The multiple contact strip housing has receiving chambers passing through it. Metallic tubes (4) are inserted into these chambers. Contacts springs (5) moulded with plastic (12) are laid into the tubes (4) such that the middle conductor is central relative to the tube (4). <IMAGE>

Abstract (de)
Die Erfindung betrifft einen Steckverbinder für Rückwandverdrahtungen, bestehend aus Messerleiste und Federleiste, wobei die einzelnen Kontaktfedern von elektrisch leitfähigen Schirmblechen umgeben sind, welche mit im Zwischenraster sowohl rückwandseitig als auch baugruppenseitig angebrachten Kontaktierungen verbunden sind, die mit einem entsprechenden Potential beaufschlagt sind. Um einen verhältnismäßig einfachen Aufbau der Federleiste zu erhalten, besteht die Federleiste (1) aus durchgehenden Aufnahmekammern, in welche metallische Rohre (4) einschiebbar sind, wobei in die Rohre (4) mit Kunststoff (12) umspritzte Kontaktfedern (5) einlegbar sind. <IMAGE>

IPC 1-7
H01R 23/68

IPC 8 full level
H01R 12/16 (2006.01); **H01R 12/22** (2006.01); **H01R 12/50** (2011.01); **H01R 13/652** (2006.01)

CPC (source: EP US)
H01R 12/7082 (2013.01 - EP US); **H01R 12/73** (2013.01 - EP US); **H01R 13/6585** (2013.01 - EP US)

Cited by
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EP 0677898 A2 19951018; **EP 0677898 A3 19960911**; **EP 0677898 B1 19981202**; CA 2146917 A1 19951015; DE 59504379 D1 19990114; JP H07296916 A 19951110; US 5782656 A 19980721

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