

Title (en)  
Connector for backplanes

Title (de)  
Steckverbinder für Rückwandverdrahtungen

Title (fr)  
Connecteur pour panneaux arrières

Publication  
**EP 0677898 B1 19981202 (DE)**

Application  
**EP 95103080 A 19950303**

Priority  
DE 4412975 A 19940414

Abstract (en)  
[origin: EP0677898A2] 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>

IPC 1-7  
**H01R 23/68**

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

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  
WO9827623A3

Designated contracting state (EPC)  
DE FR GB NL SE

DOCDB simple family (publication)  
**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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**EP 95103080 A 19950303**; CA 2146917 A 19950412; DE 59504379 T 19950303; JP 8824195 A 19950413; US 42021295 A 19950411