

Title (en)

Coaxial high frequency connecting device electrically connected to a conductor board

Title (de)

An einer Leiterplatte elektrisch angeschlossene koaxiale HF-Steckverbindungs-Einrichtung

Title (fr)

Dispositif de connexion coaxial haute fréquence connecté électriquement aux conducteurs d'une platine

Publication

**EP 1801932 B1 20080423 (DE)**

Application

**EP 06024348 A 20061123**

Priority

DE 202005020107 U 20051223

Abstract (en)

[origin: US2007148996A1] An improved plug connection device has projections aligned parallel with the axial direction of the connectors, by means of which the connector unit is positioned or can be positioned perpendicularly to the plane of the printed circuit board. The connector unit has, on the side facing the printed circuit board, devices forming a support surface and/or boundary plane, on which the adjacent plane of the printed circuit board lies on the connector unit. The connector unit has on a side facing the printed circuit board, at least in sections, a free space (X 1 ), provided with at least one recess and/or recesses. The recesses lie at a distance to the adjacent plane of the printed circuit board, and/or bathe outer contacts of the connectors are arranged transversely offset to one another in such a way that a free space (X 2 ) is formed between the connectors. The free space (X 1 ) and/or the free space (X 2 ) serve as room for routing and/or populating the printed circuit board.

IPC 8 full level

**H01R 13/646** (2011.01)

CPC (source: EP US)

**H01Q 1/1214** (2013.01 - EP US); **H01Q 1/3275** (2013.01 - EP US); **H01R 24/50** (2013.01 - EP US); **H01R 13/518** (2013.01 - EP US); **H01R 2103/00** (2013.01 - EP US); **H01R 2201/02** (2013.01 - EP US)

Cited by

DE102011016294A1; US7909612B2; US9270018B2; DE102011016294B4; WO2012136306A1

Designated contracting state (EPC)

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DOCDB simple family (application)

**US 60438506 A 20061127**; AT 06024348 T 20061123; DE 202005020107 U 20051223; DE 502006000690 T 20061123; EP 06024348 A 20061123; ES 06024348 T 20061123