

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 (publication)

US 2007148996 A1 20070628; **US 7252513 B1 20070807**; AT E393485 T1 20080515; DE 202005020107 U1 20070215; DE 502006000690 D1 20080605; EP 1801932 A1 20070627; EP 1801932 B1 20080423; ES 2306346 T3 20081101

DOCDB simple family (application)

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