

Title (en)

Connecting device for electrically connecting two circuit boards

Title (de)

Verbindungseinrichtung zum elektrischen Verbinden zweier Leiterplatten

Title (fr)

Dispositif de raccordement destiné au raccordement électrique de deux cartes de circuit imprimé

Publication

**EP 2869405 B1 20180502 (DE)**

Application

**EP 14189772 A 20141021**

Priority

DE 102013111905 A 20131029

Abstract (en)

[origin: CN104577387A] A connecting device for electrically connecting two circuit boards is provided. The connecting device has a first and a second coaxial connector and a coupling member. The two coaxial connectors and the coupling member each have an outer conductor and an inner conductor. The outer conductors of the coaxial connectors are electrically interconnected via the outer conductor of the coupling member and the inner conductors of the coaxial connectors are electrically interconnected via the inner conductor of the coupling member. The coupling member is arranged between the two coaxial connectors so as to be tiltable from an axially aligned orientation and displaceable in an axial direction. In order to improve the connecting device in the following way that the electricity transmission characteristics are improved, and risks caused by weak movements of the coupling member are reduced, the coupling member is held on an elastically deformable dielectric holding ring which surrounds the coupling member in a circumferential direction and is in contact against at least one coaxial connector.

IPC 8 full level

**H01R 12/91** (2011.01); **H01R 13/52** (2006.01); **H01R 24/50** (2011.01); **H01R 24/54** (2011.01)

CPC (source: CN EP US)

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DOCDB simple family (publication)

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