Title (en)

COAXIAL PLUG-IN CONNECTION FOR PRINTED BOARDS, FEATURING SPRING-LOADED TOLERANCE COMPENSATION

Title (de)

KOAXIALSTECKVERBINDUNG FÜR LEITERPLATTEN MIT GEFEDERTEM TOLERANZAUSGLEICH

Title (fr)

FICHE DE RACCORDEMENT COAXIALE POUR CARTES A CIRCUITS IMPRIMES, MUNIE D'UNE COMPENSATION DE TOLERANCE PAR RESSORT

Publication

EP 1730815 B1 20090527 (DE)

Application

EP 05737701 A 20050321

Priority

- EP 2005002994 W 20050321
- DE 202004005273 U 20040402

Abstract (en)

[origin: US7210941B2] A coaxial plug-in connection, particularly for printed circuit boards. An outer and inner conductor are assigned to each board, and can be electrically connected to the outer or inner conductor of the other respective board via a sleeve-shaped plug-in adapter coupling that encompasses a corresponding outer conductor portion and an inner conductor portion. The inner conductor of the printed circuit board is a spring metal sheet, one end of which is fixed to the board or an insulating element, while the other end is free to engage with the inner conductor portion of the plug-in coupling, which is configured as a contact pin.

IPC 8 full level

H01R 13/24 (2006.01); **H01R 13/646** (2011.01); H01R 13/631 (2006.01); H01R 31/06 (2006.01)

CPC (source: EP US)

H01R 12/52 (2013.01 - US); **H01R 12/73** (2013.01 - EP); **H01R 13/2464** (2013.01 - EP US); **H01R 13/658** (2013.01 - EP US); **H01R 24/50** (2013.01 - EP US); **H01R 24/542** (2013.01 - EP US); H01R 13/6315 (2013.01 - EP US); H01R 2103/00 (2013.01 - EP US)

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