Title (en)

MULTIPLE COAXIAL CABLE PLUG CONNECTION AND METHOD FOR INSTALLING SUCH A MULTIPLE COAXIAL CABLE PLUG CONNECTION

Title (de)

MEHRFACH-KOAXIALKABEL-STECKVERBINDUNG SOWIE VERFAHREN ZUM MONTIEREN EINER SOLCHEN MEHRFACH-KOAXIALKABEL-STECKVERBINDUNG

Title (fr)

CONNECTEUR MULTIPLE POUR CABLES COAXIAUX ET PROCEDE DE MONTAGE D'UN TEL CONNECTEUR MULTIPLE POUR CABLES COAXIAUX

Publication

EP 2253051 B1 20120118 (DE)

Application

EP 09720045 A 20090122

Priority

- CH 2009000029 W 20090122
- CH 3822008 A 20080314

Abstract (en)

[origin: US8360807B2] A multiple coaxial cable plug connection (50), particularly for the detachable connection of a plurality of coaxial cables to a circuit board for operating frequencies of several GHz, comprises a first connector (10) and a second connector (20), wherein said connectors (10, 20) can be inserted in each other along a plug axis, wherein the first connector (10) has a plurality of first coaxial contact arrangements (26) disposed next to each other transversely to the plug axis, and the second connector (20) is equipped with second coaxial contact arrangements (27) that match the first coaxial contact arrangements (26), and wherein the first coaxial contact arrangements (26) each are attached to the end of an associated coaxial cable. High precision of the connection, and at the same time a reduced insertion force, are achieved in such a multiple coaxial cable plug connection in that the first coaxial contact arrangements (26) are floatingly supported in a first housing (11), while the second coaxial contact arrangements (27) are permanently installed in a second housing (21).

IPC 8 full level

H01R 13/631 (2006.01)

CPC (source: EP US)

H01R 13/6315 (2013.01 - EP US); **H01R 24/50** (2013.01 - EP US); H01R 2103/00 (2013.01 - EP US)

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DOCDB simple family (publication)

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DOCDB simple family (application)

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