

Title (en)

COAXIAL HIGH-FREQUENCY PLUG-TYPE CONNECTOR FOR MULTIPLE COAXIAL LINES

Title (de)

KOAXIALER HOCHFREQUENZ-STECKVERBINDER FÜR DEN ANSCHLUSS ZAHLREICHER KOAXIALLEITUNGEN

Title (fr)

CONNECTEUR COAXIAL HAUTE FREQUENCE A FICHES POUR LA CONNEXION D'UNE PLURALITE DE LIGNES COAXIALES

Publication

EP 0670082 B1 19970716 (DE)

Application

EP 94900138 A 19931112

Priority

- DE 4238746 A 19921117
- EP 9303176 W 19931112

Abstract (en)

[origin: DE4238746C1] In a coaxial high-frequency plug-type connector for multiple coaxial lines, the connections for the coaxial lines are arranged next to each other in a row and are enclosed in a common housing. Each individual coaxial line is connected to a base housing and the base housings are in turn mounted in common intermediate supports. The intermediate supports are enclosed by the common housing. Openings or recesses in the intermediate supports or in the intermediate supports together with the common housing serve for mounting the base housings, which are slidably mounted in said recesses or openings. As the walls of the openings or recesses are electroconductive, a high-frequency-tight space is formed for the connection of coaxial lines and the connector. All parts of the coaxial high-frequency plug-type connector may be automatically machine-mounted. In addition, this coaxial high-frequency plug-type connector for multiple coaxial lines gives a particularly small grid size between the signal lines for mounting the individual coaxial lines.

IPC 1-7

H01R 13/658; H01R 17/12

IPC 8 full level

H01R 9/05 (2006.01); **H01R 13/646** (2006.01); **H01R 13/648** (2006.01); **H01R 13/658** (2006.01); **H01R 4/02** (2006.01)

CPC (source: EP)

H01R 24/40 (2013.01); **H01R 4/02** (2013.01); **H01R 9/05** (2013.01); **H01R 2103/00** (2013.01)

Cited by

JP2012190618A; US7927144B2; US7997933B2; US7850489B1

Designated contracting state (EPC)

CH DE FR GB IT LI NL SE

DOCDB simple family (publication)

DE 4238746 C1 19940421; DE 59306942 D1 19970821; EP 0670082 A1 19950906; EP 0670082 B1 19970716; JP H08503329 A 19960409; WO 9411926 A1 19940526

DOCDB simple family (application)

DE 4238746 A 19921117; DE 59306942 T 19931112; EP 9303176 W 19931112; EP 94900138 A 19931112; JP 51171594 A 19931112