Title (en)

COAXIAL CONNECTOR

Title (de)

KOAXIALSTECKVERBINDER

Title (fr)

CONNECTEUR ENFICHABLE COAXIAL

Publication

EP 2158640 B1 20121024 (DE)

Application

EP 08758945 A 20080602

Priority

- EP 2008004376 W 20080602
- DE 202007008847 U 20070625

Abstract (en)

[origin: DE202007008847U1] The coaxial plug connector (10) has an inner conductor with two-separate inner conductor parts (30, 32) for forming plug-sided ends of the inner conductor. The inner parts are arranged, and are movable relative to each other in an axial direction. The inner conductor is formed as an inner conductor spring bellow (34) between the two inner conductor parts. The inner conductor spring bellow is formed such that a changed capacitance of the inner conductor spring bellow is compensated by a corresponding oppositely changed inductance of the bellow during an elongation of the bellow.

IPC 8 full level

H01R 24/44 (2011.01); **H01R 9/05** (2006.01); **H01R 13/631** (2006.01); **H01R 13/646** (2011.01); **H01R 24/54** (2011.01); H01R 103/00 (2006.01)

CPC (source: EP US)

H01R 13/6315 (2013.01 - EP US); **H01R 24/44** (2013.01 - EP US); **H01R 24/542** (2013.01 - EP US); H01R 9/05 (2013.01 - EP US); H01R 2103/00 (2013.01 - EP US)

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)

DE 202007008847 U1 20070816; CA 2689119 A1 20081231; CA 2689119 C 20141007; CN 101715618 A 20100526; CN 101715618 B 20120905; EP 2158640 A2 20100303; EP 2158640 B1 20121024; HK 1143458 A1 20101231; JP 2010531526 A 20100924; JP 5205453 B2 20130605; TW M344666 U 20081111; US 2010178798 A1 20100715; US 8231398 B2 20120731; WO 2009000385 A2 20081231; WO 2009000385 A3 20090226

DOCDB simple family (application)

DE 202007008847 U 20070625; CA 2689119 A 20080602; CN 200880021786 A 20080602; EP 08758945 A 20080602; EP 2008004376 W 20080602; HK 10109857 A 20101018; JP 2010512549 A 20080602; TW 97211089 U 20080623; US 66469908 A 20080602