

Title (en)
PLUG CONNECTOR AND PLUG CONNECTOR SET

Title (de)
STECKVERBINDER SOWIE STECKVERBINDERSATZ

Title (fr)
CONNECTEUR MÂLE ET JEU DE CONNECTEURS MÂLES

Publication
EP 2304851 B2 20160928 (DE)

Application
EP 09777073 A 20090709

Priority

- EP 2009004987 W 20090709
- DE 102008034583 A 20080724

Abstract (en)
[origin: WO2010009815A2] An improved plug connector (100, 200) is characterised by the following features: the electrical outer conductor contacting section of the outer conductor (113, 213) of the plug (100, 200) is designed to run separately in the radial direction from the axial stop, such that the high frequency signal path formed on the inner wall of the outer conductor (113, 213) between the outer conductor (113, 213) of the plug connector (100, 200) and a further outer conductor (213, 113) of a further plug connector (200, 100) for connection thereto runs over the electrical contacting device running in the radial direction and the mechanical action axial stop on the connector or plug side of the plug connector (100, 200) is provided outside the high frequency signal path provided by the radial contacting device.

IPC 8 full level
H01R 13/646 (2011.01)

CPC (source: EP US)
H01R 13/6474 (2013.01 - EP US); **H01R 24/40** (2013.01 - EP US); **H01R 2103/00** (2013.01 - EP US)

Citation (opposition)
Opponent :

- US 5074809 A 19911224 - ROUSSEAU FRANCOIS [FR]
- DE 29819505 U1 19990128 - SIHN JR KG WILHELM [DE]

Cited by
DE102016006598A1; WO2017178118A1; WO2017178101A1; US10141688B2; US10978837B2; US11735875B2; US10148047B2

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 MK MT NL NO PL PT RO SE SI SK SM TR

DOCDB simple family (publication)
WO 2010009815 A2 20100128; WO 2010009815 A3 20100401; AT E555525 T1 20120515; CN 102077422 A 20110525; DE 102008034583 A1 20100204; DE 102008034583 B4 20110217; EP 2304851 A2 20110406; EP 2304851 B1 20120425; EP 2304851 B2 20160928; ES 2386195 T3 20120813; ES 2386195 T5 20170516; US 2011130048 A1 20110602

DOCDB simple family (application)
EP 2009004987 W 20090709; AT 09777073 T 20090709; CN 200980124106 A 20090709; DE 102008034583 A 20080724; EP 09777073 A 20090709; ES 09777073 T 20090709; US 200913055235 A 20090709