

Title (en)
CIRCUIT BOARD COAXIAL CONNECTOR

Title (de)
LEITERPLATTEN-KOAXIALVERBINDER

Title (fr)
CONNECTEUR COAXIAL POUR CIRCUIT INTÉGRÉ

Publication
EP 2529451 A1 20121205 (DE)

Application
EP 10702084 A 20100125

Priority
EP 2010050809 W 20100125

Abstract (en)
[origin: WO2011088902A1] The invention relates to a coaxial connector (1), comprising a first and a second connector part (2, 3) and an adapter (4) arranged therebetween. The first and the second connector part (2, 3) have a first inner conductor (5) and a first outer conductor (8), which are operatively connected to each other by means of a first spacer (7), wherein the first inner conductor (5) has a first internal cylindrical contact surface (24) and the first outer conductor has a second internal cylindrical contact surface (25). In a socket area (17) of the first inner conductor (5), a first mechanical operative-connection means (10) is arranged, which interacts with a second mechanical operative-connection means (11) of the adapter (4) in the installed state in order to establish a mechanical connection (13) that is effective in the axial direction (z). The first inner conductor (5) protrudes beyond the level of the mechanical operative-connection means (10, 11) in the axial direction (z) in such a way that the active area of the internal cylindrical contact surface (24) is able to compensate a large axial offset (dz) of the connector parts (2, 3) relative to the adapter (4).

IPC 8 full level
H01R 13/646 (2011.01)

CPC (source: EP KR US)
H01R 13/646 (2013.01 - KR); **H01R 24/50** (2013.01 - EP US); **H01R 24/54** (2013.01 - EP US); **H01R 12/73** (2013.01 - EP);
H01R 12/91 (2013.01 - EP)

Citation (search report)
See references of WO 2011088902A1

Cited by
DE102022004677B3

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 2011088902 A1 20110728; BR 112012018469 A2 20160412; CN 102714385 A 20121003; CN 102714385 B 20141203;
EP 2529451 A1 20121205; EP 2529451 B1 20131211; KR 101529374 B1 20150616; KR 20120127619 A 20121122; TW 201131907 A 20110916;
TW I452777 B 20140911; US 2012295478 A1 20121122; US 8801459 B2 20140812

DOCDB simple family (application)
EP 2010050809 W 20100125; BR 112012018469 A 20100125; CN 201080062190 A 20100125; EP 10702084 A 20100125;
KR 20127022272 A 20100125; TW 99137049 A 20101028; US 201013575262 A 20100125