

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)  
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