

Title (en)  
BENT-BACK PLUG-TYPE CONNECTOR FOR COAXIAL CABLES

Title (de)  
ABGEWINKELTER STECKVERBINDER FÜR KOAXIALKABEL

Title (fr)  
CONNCECTEUR COUDÉ POUR CÂBLE COAXIAL

Publication  
**EP 1989760 A1 20081112 (DE)**

Application  
**EP 07701847 A 20070130**

Priority  
• CH 2007000046 W 20070130  
• CH 3152006 A 20060228

Abstract (en)  
[origin: WO2007098617A1] A bent-back plug-type connector (10) for coaxial cables (21), in particular for standardized RF plug-type connections in the automotive sector, comprises a bent-back outer conductor (12) having a first conductor section which extends along a plug axis (34) and a second conductor section which adjoins said first conductor section and is arranged at an angle with respect thereto, as well as a first inner conductor (14), which is arranged concentrically and insulated in the first conductor section, and a second inner conductor (15), which is arranged concentrically and insulated in the second conductor section and is detachably connected to the first inner conductor (14) in the corner region of the bent-back outer conductor (12). With such a plug-type connector, simpler fitting, a secure and permanent connection and simpler and more cost-effective production are achieved by virtue of the fact that the first inner conductor (14) has a square cross section, and the fact that an opening, which is delimited on both sides in the plug axis (34) and into which the second inner conductor (15) can be inserted with one end so as to latch in and make contact, is provided in the first inner conductor (14).

IPC 8 full level  
**H01R 13/11** (2006.01); **H01R 13/646** (2011.01)

CPC (source: EP US)  
**H01R 9/0518** (2013.01 - EP US); **H01R 13/111** (2013.01 - EP US); **H01R 24/40** (2013.01 - EP US); **H01R 43/16** (2013.01 - EP US); **H01R 2103/00** (2013.01 - EP US); **H01R 2201/26** (2013.01 - EP US)

Citation (search report)  
See references of WO 2007098617A1

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)  
**WO 2007098617 A1 20070907**; CN 101395763 A 20090325; EP 1989760 A1 20081112; US 2009017678 A1 20090115

DOCDB simple family (application)  
**CH 2007000046 W 20070130**; CN 200780007087 A 20070130; EP 07701847 A 20070130; US 28091107 A 20070130