

Title (en)
COAXIAL PLUG CONNECTOR FOR A COAXIAL CABLE

Title (de)
KOAXIALSTECKVERBINDER FÜR EIN KOAXIALKABEL

Title (fr)
CONNECTEUR ENFICHABLE COAXIAL POUR UN CABLE COAXIAL

Publication
EP 1797621 B1 20090318 (DE)

Application
EP 05788629 A 20050928

Priority
• EP 2005010477 W 20050928
• DE 202004015365 U 20041004

Abstract (en)
[origin: US2007202739A1] A coaxial plug connector having a housing produced from an electrically insulating material, which is open at a plug end so that a mating coaxial plug connector can be inserted. An insertion area for the mating housing is provided. At a coaxial cable end, the housing has an axial opening for coaxial cable insertion. Inside the housing, an internal and external conductor elements for electrically connecting internal and external conductors of the coaxial cable, respectively, are provided. A snap-in mechanism is configured on the housing to fix the external conductor element in the housing in at least the axial direction. A sealing sleeve completely surrounds the external conductor element in the circumferential direction, and in the axial direction in at least an area that extends from a part of the housing at the coaxial cable end to the insertion area for the mating housing at the plug end.

IPC 8 full level
H01R 13/52 (2006.01); **H01R 9/05** (2006.01); **H01R 13/646** (2011.01); **H01R 13/627** (2006.01)

CPC (source: EP US)
H01R 9/0518 (2013.01 - EP US); **H01R 13/5221** (2013.01 - EP US); **H01R 24/564** (2013.01 - EP US); **H01R 13/5205** (2013.01 - EP US); **H01R 13/6272** (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 HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
US 2007202739 A1 20070830; US 2009042441 A9 20090212; US 7510433 B2 20090331; AT E426261 T1 20090415; CA 2582417 A1 20060413; CA 2582417 C 20100504; CN 100544124 C 20090923; CN 101036269 A 20070912; DE 202004015365 U1 20041209; DE 502005006895 D1 20090430; EP 1797621 A1 20070620; EP 1797621 B1 20090318; WO 2006037533 A1 20060413

DOCDB simple family (application)
US 69300807 A 20070329; AT 05788629 T 20050928; CA 2582417 A 20050928; CN 200580033885 A 20050928; DE 202004015365 U 20041004; DE 502005006895 T 20050928; EP 05788629 A 20050928; EP 2005010477 W 20050928