

Title (en)
HF PLUG CONNECTOR

Title (de)
HF-STECKVERBINDER

Title (fr)
CONNECTEUR ENFICHABLE HF

Publication
EP 2347475 B1 20121010 (DE)

Application
EP 09744345 A 20091029

Priority
• EP 2009007756 W 20091029
• DE 202008015000 U 20081112

Abstract (en)
[origin: CA2741628A1] The invention relates to an HF plug connector having an outside conductor part (10), an inside conductor part (12) arranged within the outside conductor part (10) and an end (14) on the mating side that is designed for plug-in connection to a complementary HF plug connector, wherein a housing (16) made of an electrically insulating material, particularly a plastic housing, is arranged on the mating side end (14) of the HF plug connector, at least partially surrounding the outside conductor part (10), wherein the housing (16) exhibits a through-hole (18) into which the outside conductor part (10) engages. According to the invention, the outside conductor part (10) comprises a first axial retaining element (20) of the housing (16) designed so that said first axial retaining element (20) expands a first predetermined section (22) of the housing (16) upon assembly on the outside conductor part (10) and that the outside conductor part (10) comprises a second axial retaining element (26) of the housing (16) designed so that said second axial retaining element (26) presses a second predetermined section (24, 30) of the housing (16) together upon assembly on the outside conductor part (10).

IPC 8 full level
H01R 13/41 (2006.01); **H01R 24/52** (2011.01); **H01R 24/58** (2011.01)

CPC (source: EP KR US)
H01R 13/41 (2013.01 - EP KR US); **H01R 24/52** (2013.01 - EP US); **H01R 24/58** (2013.01 - KR); **H01R 13/64** (2013.01 - EP US); **H01R 2103/00** (2013.01 - EP US); **H01R 2201/26** (2013.01 - EP US)

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)
DE 202008015000 U1 20090129; CA 2741628 A1 20100520; CA 2741628 C 20130813; CN 102217143 A 20111012; CN 102217143 B 20130626; EP 2347475 A1 20110727; EP 2347475 B1 20121010; HK 1163372 A1 20120907; JP 2012508436 A 20120405; JP 5181061 B2 20130410; KR 101212806 B1 20121214; KR 20110082194 A 20110718; US 2011217870 A1 20110908; US 8277248 B2 20121002; WO 2010054750 A1 20100520

DOCDB simple family (application)
DE 202008015000 U 20081112; CA 2741628 A 20091029; CN 200980145276 A 20091029; EP 09744345 A 20091029; EP 2009007756 W 20091029; HK 12103541 A 20120411; JP 2011535034 A 20091029; KR 20117013220 A 20091029; US 200913128922 A 20091029