

Title (en)
Connector and mating connector

Title (de)
Steckverbinder und Gegenstecker

Title (fr)
Connecteur et connecteur complémentaire

Publication
EP 1746691 A3 20080326 (DE)

Application
EP 06011467 A 20060602

Priority
DE 102005034497 A 20050720

Abstract (en)
[origin: EP1746691A2] The connector has a clamping sleeve (8) and a sliding sleeve for mechanical connection of a plug housing (2) with a mating connector. An outer conductor contact surface of the mating connector is stretchable axially against an outer conductor contact surface of the plug connector. The clamping sleeve has an end section (15) with a section that is running diagonally outward and with another section that is running diagonally inward and rearward. An axial force component is introduced into a clamping surface by the clamping sleeve in the operating position over the rear running section. An independent claim is also included for a clamping sleeve for bracing a coaxial plug connector and a mating connector.

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

CPC (source: EP US)
H01R 13/627 (2013.01 - EP US); **H01R 24/40** (2013.01 - EP US); **H01R 13/6277** (2013.01 - EP US); **H01R 2103/00** (2013.01 - EP US)

Citation (search report)

- [Y] US 6769926 B1 20040803 - MONTENA NOAH P [US]
- [Y] US 3430184 A 19690225 - ACORD JERRY E
- [A] EP 1115179 A2 20010711 - AMPHENOL CORP [US]

Cited by
EP3671978A1; EP3163690A1; FR3006508A1; EP3783754A1; EP3627636A1; US10211568B2; WO2018065612A1; WO2014194997A1; WO2015067600A1; WO2018065293A1; US11296465B2; WO2016134812A1; WO2018127580A1; EP3627636B1

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

Designated extension state (EPC)
AL BA HR MK YU

DOCDB simple family (publication)
EP 1746691 A2 20070124; EP 1746691 A3 20080326; EP 1746691 B1 20110803; CN 100527544 C 20090812; CN 1901293 A 20070124; DE 102005034497 A1 20070201; US 2007020973 A1 20070125; US 7238047 B2 20070703

DOCDB simple family (application)
EP 06011467 A 20060602; CN 200610101988 A 20060718; DE 102005034497 A 20050720; US 48812506 A 20060718