

Title (en)
Hybrid connector with a plurality of cantacts

Title (de)
Hybridverbinder mit mehreren Kontakten

Title (fr)
Connecteur multi-contacts hybride

Publication
EP 2112722 B1 20120711 (FR)

Application
EP 09158391 A 20090421

Priority
FR 0852757 A 20080424

Abstract (en)
[origin: EP2112722A1] The connector has a monoblock base (2) connected to a plug and formed of a single piece made of polymer material loaded from metallic electrically conductive fibers. The polymer material is chosen from polyarylamide, polyamide-imide, polyphenylene sulfide and polyether sulfone. A base body (14) has a fixation plate (15) fixed to a metallic outer panel. Electromagnetic field shielding is bonded between a metallic or metalized socket of the plug, a plug grounding member and a base grounding member (17). A hybrid cable includes two electrical contacts and optical contacts (8).

IPC 8 full level
H01R 13/658 (2011.01)

CPC (source: EP US)
H01R 13/6585 (2013.01 - EP US); **H01R 13/6593** (2013.01 - EP US); **H01R 13/748** (2013.01 - EP US)

Cited by
EP4096027A1; US10424879B2; WO2017076781A1; WO2022248291A1

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 TR

DOCDB simple family (publication)
EP 2112722 A1 20091028; EP 2112722 B1 20120711; CN 101587215 A 20091125; FR 2930686 A1 20091030; US 2009269013 A1 20091029; US 7942588 B2 20110517

DOCDB simple family (application)
EP 09158391 A 20090421; CN 200910136913 A 20090424; FR 0852757 A 20080424; US 42354409 A 20090414