

Title (en)
Connector with an attached shielded cable

Title (de)
Steckverbinder mit einem daran angeschlossenen geschirmten Kabel

Title (fr)
Connecteur à fiche doté d'un câble blindé raccordé sur celui-ci

Publication
EP 2109194 A3 20110914 (DE)

Application
EP 09154894 A 20090311

Priority
DE 102008018403 A 20080410

Abstract (en)
[origin: EP2109194A2] The plug connector (6) has a cable (1) connected to the connector, and a conductor (2) insulated by a surrounding cladding (3). The conductor is partially enclosed by a cable shield (4), and is connected to a contact holder (7) of the connector. The cable shield is conductively connected with the connector. An extruded shield element e.g. circumference closed shield sleeve (10), is made of electrical conductive plastic e.g. electrical conductive polymer or plastic/metal hydride material, and is conductively connected with the cable shield. An independent claim is also included for a method for producing a plug connection.

IPC 8 full level
H01R 13/658 (2011.01); **H01R 4/64** (2006.01); **H01R 9/03** (2006.01); **H01R 43/24** (2006.01)

CPC (source: EP)
H01R 13/65912 (2020.08); **H01R 13/6599** (2013.01); **H01R 43/24** (2013.01); **H01R 13/622** (2013.01)

Citation (search report)

- [X1] US 5906513 A 19990525 - PETERSON BRUCE A [US], et al
- [X1] DE 19613228 A1 19971009 - ESCHA BAUELEMENTE GMBH [DE]
- [AD] WO 2005057590 A1 20050623 - SIEMENS AG [DE], et al
- [A] EP 1548899 A1 20050629 - SUMITOMO WIRING SYSTEMS [JP]
- [A] DE 102006012194 A1 20070920 - ESCHA BAUELEMENTE GMBH [DE]

Cited by
DE102015102703B4; CN105811197A; CN112018570A; EP3641072A1; US9054462B2; WO2018036814A1; WO2016135170A1; US10374363B2; US10916892B2; WO2011151373A1; WO2022253807A1

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

Designated extension state (EPC)
AL BA RS

DOCDB simple family (publication)
EP 2109194 A2 20091014; EP 2109194 A3 20110914; EP 2109194 B1 20180613; EP 2109194 B2 20210505; DE 102008018403 A1 20091015; ES 2687051 T3 20181023; ES 2687051 T5 20211203; HU E039667 T2 20190128; PL 2109194 T3 20181231; PL 2109194 T5 20210628

DOCDB simple family (application)
EP 09154894 A 20090311; DE 102008018403 A 20080410; ES 09154894 T 20090311; HU E09154894 A 20090311; PL 09154894 T 20090311