

Title (en)

Electrical connector, particularly for airbag ignition systems

Title (de)

Steckverbinder, insbesondere für Airbag-Zündsysteme

Title (fr)

Connecteur électrique, notamment pour des systèmes d'allumage d'airbag

Publication

EP 1720222 A3 20080827 (DE)

Application

EP 06008741 A 20060427

Priority

DE 102005021375 A 20050504

Abstract (en)

[origin: EP1720222A2] A housing made from an electrically insulating material includes an inserting section (9) for placing into an inserting chamber (3) of a counter plug connector (2), a receiving chamber (12) for a ferrite element and depressing openings for contact pins (4). A lockable open housing section (10) includes a first retainer for each of the contacts (28) and having a cover (11) fixed to a connecting section (30), and a second retainer for holding the conductor (7) of a cable (6). The two contacts have contact bush sections (29) each with an outer surface (29b) connected to a contact pin of the counter plug connector. The connecting section connects the contact bush section with the connection section (32) to which the conductor of the cable is connected. A ferrite element is arranged in two through holes formed in the contact bush section.

IPC 8 full level

H01R 13/58 (2006.01); **H01R 13/719** (2011.01)

CPC (source: EP US)

H01R 13/5812 (2013.01 - EP US); **H01R 13/582** (2013.01 - EP US); **H01R 13/7197** (2013.01 - EP US); **H01R 2201/26** (2013.01 - EP US)

Citation (search report)

- [XY] US 6250952 B1 20010626 - SHIGA KATSUMI [JP], et al
- [Y] EP 1463163 A1 20040929 - J S T MFG CO LTD [JP]
- [DA] US 2004002248 A1 20040101 - GLICK MICHEAL [US], et al
- [DA] US 2004192098 A1 20040930 - PAVLOVIC SLOBODAN [US], et al
- [XY] JP H11149958 A 19990602 - SUMITOMO WIRING SYSTEMS
- [YA] US 5895282 A 19990420 - LITTLE PHILIP V [GB]
- [A] EP 1150389 A1 20011031 - THOMAS & BETTS INT [US]
- [A] DE 4413756 C1 19950713 - AMPHENOL TUCHEL ELECT [DE]
- [A] GB 2267188 A 19931124 - AMPHENOL TUCHEL ELECT [DE]

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 1720222 A2 20061108; EP 1720222 A3 20080827; EP 1720222 B1 20131204; DE 102005021375 A1 20061123;
DE 102005021375 B4 20070201; ES 2448553 T3 20140314; US 2006286838 A1 20061221; US 7189102 B2 20070313

DOCDB simple family (application)

EP 06008741 A 20060427; DE 102005021375 A 20050504; ES 06008741 T 20060427; US 38098106 A 20060501