

Title (en)

SHIELDED CONNECTION ASSEMBLY, CONNECTOR FOR THIS CONNECTION ASSEMBLY AND METHOD OF MANUFACTURING A SHIELDING ELEMENT FOR THIS CONNECTION ASSEMBLY

Title (de)

ABGESCHIRMTE VERBINDUNGSANORDNUNG, VERBINDER FÜR DIESE VERBINDUNGSANORDNUNG UND VERFAHREN ZUR HERSTELLUNG EINES ABSCHIRMUNGSELEMENTS FÜR DIESE VERBINDUNGSANORDNUNG

Title (fr)

ENSEMBLE DE CONNEXION BLINDÉ, CONNECTEUR POUR CET ENSEMBLE DE CONNEXION ET PROCÉDÉ DE FABRICATION D'UN ÉLÉMENT DE BLINDAGE POUR CET ENSEMBLE DE CONNEXION

Publication

EP 4254680 A1 20231004 (EN)

Application

EP 22215721 A 20221221

Priority

FR 2114294 A 20211222

Abstract (en)

Electrical connection assembly for a motor vehicle electrical circuit, comprising a connector and a counter-connector. The connector comprises a first shielding element (6) with a body (8) formed of a sheet metal in which elastic contact tabs (9) are cut out and comprise at least one junction portion (12) and a contact portion (13) protruding on a surface of the body (8) and configured to establish an electrical contact with a shielding element. Each contact tab (9) comprises an interference portion (14) which is connected to the remainder of the body (8) only via a longitudinal segment (10) which is itself connected to the body (8) only via the junction portion (12). Each contact tab (9) is designed so that the interference portion (14) rests on the body (8). Connector for this connection assembly and method of manufacturing a shielding element for this connection assembly

IPC 8 full level

H01R 13/6582 (2011.01); **H01R 43/16** (2006.01)

CPC (source: EP)

H01R 13/6582 (2013.01); **H01R 43/16** (2013.01); **H01R 2103/00** (2013.01); **H01R 2201/26** (2013.01)

Citation (applicant)

EP 3107155 A1 20161221 - DELPHI INT OPERATIONS LUXEMBOURG SARL [LU]

Citation (search report)

- [A] US 6299489 B1 20011009 - PHILLIPS KEVIN PAUL [US], et al
- [AD] EP 3107155 A1 20161221 - DELPHI INT OPERATIONS LUXEMBOURG SARL [LU]
- [A] EP 2200130 A1 20100623 - TYCO ELEKTRONICS AMP GMBH [DE]
- [A] EP 3540865 A1 20190918 - ROSENBERGER HOCHFREQUENZTECHNIK GMBH & CO KG [DE]

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC ME MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA

Designated validation state (EPC)

KH MA MD TN

DOCDB simple family (publication)

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DOCDB simple family (application)

FR 2114294 A 20211222; EP 22215721 A 20221221