

Title (en)

HOUSING ARRANGEMENT, ELECTRICAL CONNECTOR COMPRISING A HOUSING ARRANGEMENT AND ELECTRICAL CONNECTION ARRANGEMENT COMPRISING AN ELECTRICAL CONNECTOR

Title (de)

GEHÄUSEANORDNUNG, ELEKTRISCHER STECKVERBINDER MIT EINER GEHÄUSEANORDNUNG UND ELEKTRISCHE VERBINDUNGSANORDNUNG MIT EINEM ELEKTRISCHEN VERBINDER

Title (fr)

ENSEMBLE BOÎTIER, CONNECTEUR ÉLECTRIQUE COMPRENANT UN ENSEMBLE BOÎTIER ET AGENCEMENT DE CONNEXION ÉLECTRIQUE COMPRENANT UN CONNECTEUR ÉLECTRIQUE

Publication

**EP 3145034 A2 20170322 (EN)**

Application

**EP 16185800 A 20160826**

Priority

DE 102015216545 A 20150828

Abstract (en)

The invention relates to a housing arrangement (1) for attaching at least one cable (4) with a shielding (43) arranged around a conductor (41) as well as an electrical connector (100) comprising at least one such housing arrangement (1) and an electrical connection arrangement comprising an electrical connector. Housing arrangements (1) usually comprise a housing body (2) for receiving a cable end (3). In order to facilitate a permanently good connection between the shielding (43) and the housing body (2), the housing arrangement (1) comprises a pressing member (6) for producing an electrical connection to the shielding (43), wherein, in a pressing position (P), the pressing member (6) is configured to exert a pressing force onto the shielding (43) or onto a contact element (5) that is electrically connected to the shielding (43). The pressing force created by the pressing member (6) ensures a good electrical connection with a low transition resistance, whereby through the pressing force the shielding (43) or the contact element (5) connected with the shielding (43) is retained. The occurring vibrations thus cannot deteriorate the connection to the shielding (43).

IPC 8 full level

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CPC (source: EP)

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