

Title (en)

ASSEMBLY WITH A CONTACT ELEMENT AND AN ELECTRICAL CABLE AND METHOD FOR PRODUCING SUCH AN ASSEMBLY

Title (de)

ANORDNUNG MIT EINEM KONTAKTELEMENT UND EINEM ELEKTRISCHEN LEITER UND VERFAHREN ZUM HERSTELLEN EINER SOLCHEN ANORDNUNG

Title (fr)

ARRANGEMENT AVEC UN ÉLÉMENT DE CONTACT ET UN CÂBLE ÉLECTRIQUE ET MÉTHODE POUR LA PRODUCTION D'UN TEL ARRANGEMENT

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Application

EP 16801983 A 20161114

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Abstract (en)

[origin: WO2017085005A1] The invention relates to a contact element (1), comprising a contact body (10) extended in a strip-shaped fashion, said contact body being bent such that the contact body (10) forms an opening (120), into which a plug-in connector part (3) can be inserted in a plug-in direction (E), wherein the contact body (10) has a surface (104) extended around the opening (120) forming an inner wall of the opening (120). In the opening (120) of the contact body (10), a contact lamella (2) for electrically contacting a plug-in connector part (3) inserted into the opening (120) is arranged, and rests against the surface (104). According to the invention, the strip-shaped contact body (10) has a form-locking device (11) having at least one form-locking element (111-118) that is formed on the surface (104) of the contact body (10), wherein the contact lamella (2) is in form-locking engagement with the form-locking device (11), and is thus fixed on the contact body (10) along the plug-in direction (E). In this way, a contact element is provided that allows a simple, cost-effective production, even when designed for high current carrying capacity.

IPC 8 full level

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