

Title (en)  
PLUG CONTACT ELEMENT, SEMI-FINISHED PRODUCT FOR PRODUCING A PLUG CONTACT ELEMENT, AND METHOD FOR PRODUCING SAID PLUG CONTACT ELEMENT

Title (de)  
STECKKONTAKTELEMENT, HALBZEUG ZUR HERSTELLUNG EINES STECKKONTAKTELEMENTES UND VERFAHREN ZUR HERSTELLUNG DIESES STECKKONTAKTELEMENTES

Title (fr)  
ÉLÉMENT DE CONTACT ENFICHABLE, PRODUIT SEMI-FINI POUR LA FABRICATION D'UN ÉLÉMENT DE CONTACT ENFICHABLE ET PROCÉDÉ POUR LA FABRICATION D'UN ÉLÉMENT DE CONTACT ENFICHABLE

Publication  
**EP 3970239 A1 20220323 (DE)**

Application  
**EP 20726090 A 20200514**

Priority  
• DE 102019113152 A 20190517  
• EP 2020063444 W 20200514

Abstract (en)  
[origin: WO2020234104A1] The invention relates to a plug contact element (100) for establishing an electrically conductive connection, the plug contact element having a crimp portion for establishing an electrically conductive connection to a cable, and at least one plug contact pin (90) for establishing a releasable electrically conductive connection to a contact box (70), the plug contact element (100) being formed in one piece, and the plug contact pin (90) having a tongue (91), at least part of which is internal and which is enclosed at least partially by the contact blade outer region (92) such that at least part of the plug contact pin (90) has a sandwich fold construction comprising at least two layers of material. The invention further relates to an arcuate semi-finished product (100') for producing the plug contact element (100) according to the invention, and to the method for producing the plug contact element.

IPC 8 full level  
**H01R 13/04** (2006.01); **H01R 4/18** (2006.01); **H01R 43/16** (2006.01)

CPC (source: EP US)  
**H01R 4/185** (2013.01 - US); **H01R 13/04** (2013.01 - EP); **H01R 43/16** (2013.01 - EP US); **H01R 4/185** (2013.01 - EP); **H01R 13/04** (2013.01 - US)

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 MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
**DE 102019113152 B3 20201008**; CN 113841300 A 20211224; EP 3970239 A1 20220323; JP 2022532653 A 20220715; US 2022209432 A1 20220630; WO 2020234104 A1 20201126

DOCDB simple family (application)  
**DE 102019113152 A 20190517**; CN 202080036754 A 20200514; EP 2020063444 W 20200514; EP 20726090 A 20200514; JP 2021568306 A 20200514; US 202017611322 A 20200514