

Title (en)

SOCKET CONTACT ELEMENT FOR AN ELECTRICALLY CONDUCTIVE CONNECTION

Title (de)

BUCHSENKONTAKTELEMENT FÜR EINE ELEKTRISCH LEITENDE VERBINDUNGID50000102592350 IA BODY 2019-10-31

Title (fr)

ÉLÉMENT DE CONTACT DE TYPE DOUILLE POUR UNE LIAISON ÉLECTROCONDUCTRICE

Publication

EP 3867979 A1 20210825 (DE)

Application

EP 19790511 A 20191018

Priority

- DE 102018125964 A 20181018
- EP 2019078361 W 20191018

Abstract (en)

[origin: WO2020079219A1] The invention relates to a socket contact element for establishing an electrically conductive connection, having a crimp section for establishing an electrically conductive connection with a line and having a contact box for establishing a releasable electrically conductive connection with a contact box plug, wherein the socket contact element is of one-part design and has a plurality of integrally implemented functions which are based on geometric configurations. The invention further relates to an arcuate semi-finished product for producing a socket contact element, and also to the production method by shaping.

IPC 8 full level

H01R 13/11 (2006.01); **H01R 4/18** (2006.01); **H01R 13/187** (2006.01); **H01R 13/428** (2006.01); **H01R 43/16** (2006.01)

CPC (source: EP US)

H01R 4/185 (2013.01 - US); **H01R 13/11** (2013.01 - EP US); **H01R 13/428** (2013.01 - EP); **H01R 43/16** (2013.01 - EP US); **H01R 4/185** (2013.01 - EP); **H01R 4/188** (2013.01 - EP); **H01R 13/187** (2013.01 - EP)

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)

WO 2020079219 A1 20200423; CN 113169474 A 20210723; CN 113169474 B 20231114; DE 102018125964 A1 20200423; EP 3867979 A1 20210825; JP 2022505324 A 20220114; JP 7432592 B2 20240216; US 11616316 B2 20230328; US 2021359452 A1 20211118

DOCDB simple family (application)

EP 2019078361 W 20191018; CN 201980069040 A 20191018; DE 102018125964 A 20181018; EP 19790511 A 20191018; JP 2021521297 A 20191018; US 201917286291 A 20191018