

Title (en)

ELECTRICAL CONNECTOR, IN PARTICULAR FOR A HIGH-CURRENT APPLICATION

Title (de)

STECKVERBINDER, INSBESONDERE FÜR EINE HOCHSTROMANWENDUNG

Title (fr)

CONNECTEURS, EN PARTICULIER POUR UNE APPLICATION À FORT COURANT

Publication

**EP 3586405 A1 20200101 (DE)**

Application

**EP 18707896 A 20180223**

Priority

- DE 202017101060 U 20170224
- EP 2018054577 W 20180223

Abstract (en)

[origin: WO2018154074A1] The invention relates to an electrical connector for a high-current application having an electrically conductive plug contact element and an electrically insulating housing. The housing has at least one through-opening for holding the plug contact element, which through-opening forms a plug contact element holder. The plug contact element holder extends around the plug contact element at least in parts. A seal is provided in the region in which the plug contact element holder extends around the plug contact element such that the seal seals the plug contact element holder to the plug contact element. The plug contact element has a crimp section for producing an electrical and mechanical connection to a cable, the plug contact element being formed from a crimp element and a plug element, which are connected to each other by means of a press fit.

IPC 8 full level

**H01R 13/52** (2006.01); **H01R 13/42** (2006.01); **H01R 13/53** (2006.01)

CPC (source: EP US)

**H01R 4/183** (2013.01 - US); **H01R 13/42** (2013.01 - US); **H01R 13/521** (2013.01 - EP US); **H01R 13/53** (2013.01 - EP US); **H01R 13/6581** (2013.01 - US); **H01R 13/42** (2013.01 - EP); **H01R 13/5219** (2013.01 - EP)

Citation (search report)

See references of WO 2018154074A1

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Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

**DE 202017101060 U1 20180525**; EP 3586405 A1 20200101; US 10873153 B2 20201222; US 2020059035 A1 20200220; WO 2018154074 A1 20180830

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