

Title (en)

CONTACT ELEMENT, PLUG CONNECTION UNIT AND CONTROL APPLIANCE

Title (de)

KONTAKTELEMENT, STECKERANSCHLUSSEINHEIT UND STEUERGERÄT

Title (fr)

ÉLÉMENT DE CONTACT, UNITÉ DE RACCORDEMENT DE FICHE ET CONTRÔLEUR

Publication

**EP 3679629 A1 20200715 (DE)**

Application

**EP 18765060 A 20180828**

Priority

- DE 102017215515 A 20170905
- EP 2018073096 W 20180828

Abstract (en)

[origin: WO2019048290A1] The invention relates to a contact element (10) for forming an electrical connection between a circuit carrier (2) in a control appliance (100) and a line (4 to 6) in a plug (1000), comprising a first sub-section (11) having a pressing section (14) for pressing into an opening (1) of the circuit carrier (2), at least one pressing shoulder (20) arranged at a distance (L) from the pressing section (14), for applying a pressing force oriented in the direction of a first longitudinal axis (15) of the first sub-section (11), and a second sub-section (12) having a second longitudinal axis (26), for contacting the line (4 to 6), the contact element (10) being embodied as a stamp element.

IPC 8 full level

**H01R 12/58** (2011.01); **H01R 43/20** (2006.01)

CPC (source: EP)

**H01R 12/585** (2013.01); **H01R 43/205** (2013.01); **H01R 12/716** (2013.01); **H01R 13/41** (2013.01)

Citation (search report)

See references of WO 2019048290A1

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 102017215515 A1 20190307**; CN 111052513 A 20200421; CN 111052513 B 20210615; EP 3679629 A1 20200715; WO 2019048290 A1 20190314

DOCDB simple family (application)

**DE 102017215515 A 20170905**; CN 201880057210 A 20180828; EP 18765060 A 20180828; EP 2018073096 W 20180828