

Title (en)

ELECTRICAL CONTACT ELEMENT FOR ELECTRICAL CONTACTING WITH A COUNTERPART CONTACT ELEMENT

Title (de)

ELEKTRISCHES KONTAKTELEMENT ZUM ELEKTRISCHEN KONTAKTIEREN MIT EINEM GEGENKONTAKTELEMENT

Title (fr)

ÉLÉMENT DE CONTACT ÉLECTRIQUE PERMETTANT D'ÉTABLIR UN CONTACT ÉLECTRIQUE AVEC UN ÉLÉMENT DE CONTACT COMPLÉMENTAIRE

Publication

EP 3867980 A1 20210825 (DE)

Application

EP 19786944 A 20191010

Priority

- DE 102018125843 A 20181018
- EP 2019077493 W 20191010

Abstract (en)

[origin: WO2020078824A1] An electrical contact element (1) for electrical contacting with a counterpart contact element (2) comprises a multiplicity of contact lamellae (11), which lamellae are arranged around a plug-in opening (15) into which a counterpart contact element (2) can be plugged in along a plugging-in direction (E) and which lamellae form a groove (13) which encircles the contact lamellae (11) around the plugging-in direction (E). A spring element (14) is arranged at the groove (13) and engages around the contact lamellae (11) in order to provide an elastic clamping force on the contact lamellae (11). The contact lamellae (11) each have an inner surface (117) which faces toward the plug-in opening (15) and which is of straight form in a cross section transverse with respect to the plugging-in direction (E).

IPC 8 full level

H01R 13/18 (2006.01); **H01R 4/18** (2006.01); **H01R 13/11** (2006.01)

CPC (source: EP US)

H01R 13/111 (2013.01 - US); **H01R 13/18** (2013.01 - EP US); **H01R 4/184** (2013.01 - EP); **H01R 13/111** (2013.01 - EP)

Citation (search report)

See references of WO 2020078824A1

Designated contracting state (EPC)

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Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

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DOCDB simple family (application)

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