

Title (en)

ELECTRICAL CONTACT ARRANGEMENT AND METHOD FOR ESTABLISHING ELECTRICAL CONTACT

Title (de)

ELEKTRISCHE KONTAKTANORDNUNG UND VERFAHREN ZUR HERSTELLUNG EINES ELEKTRISCHEN KONTAKTES

Title (fr)

ENSEMBLE DE CONTACT ÉLECTRIQUE ET PROCÉDÉ D'ÉTABLISSEMENT D'UN CONTACT ÉLECTRIQUE

Publication

EP 3501063 B1 20200916 (DE)

Application

EP 16782037 A 20161012

Priority

EP 2016074412 W 20161012

Abstract (en)

[origin: WO2018068842A1] The invention relates to an electrical contact arrangement (1) for high-voltage applications, the electrical contact arrangement (1) comprising a first and a second contact piece (2, 3). The invention is characterised in that by turning a rotatably mounted and at least partially eccentric clamping bar (4) connected to the first contact piece (2), the second contact piece (3) can be clamped between the first contact piece and the clamping bar so as to establish electrical contact. The invention also relates to an electrical device (15) comprising a switching module (16), which comprises at least one power semiconductor switch (191, 192), and comprising a storage module (23), wherein the switching module and the storage module are connected to each other via the contact arrangement according to the invention. The invention also relates to a method for establishing electrical contact by means of the contact arrangement.

IPC 8 full level

H01R 4/48 (2006.01); **H01R 4/50** (2006.01)

CPC (source: EP)

H01R 4/48 (2013.01); **H01R 4/505** (2013.01); **H01R 13/635** (2013.01)

Citation (examination)

US 2010011571 A1 20100121 - COPPER CHARLES DUDLEY [US], et al

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

DOCDB simple family (publication)

WO 2018068842 A1 20180419; CN 210142727 U 20200313; EP 3501063 A1 20190626; EP 3501063 B1 20200916

DOCDB simple family (application)

EP 2016074412 W 20161012; CN 201690001777 U 20161012; EP 16782037 A 20161012