

Title (en)

ASSEMBLY OF BUS BARS FORMING A CASING AND HEAT DISSIPATOR FOR AN ELECTRONIC POWER DEVICE

Title (de)

ANORDNUNG VON SAMMELSCHIENEN, DIE EIN GEHÄUSE FORMEN, UND WÄRMEABLEITER FÜR EINE ELEKTRONISCHE LEISTUNGSVORRICHTUNG

Title (fr)

ENSEMBLE DE BUS BARRES FORMANT BOÎTIER ET DISSIPATEUR THERMIQUE POUR UN DISPOSITIF ÉLECTRONIQUE DE PUISSANCE

Publication

EP 3759736 A1 20210106 (FR)

Application

EP 19713530 A 20190222

Priority

- FR 1851689 A 20180227
- FR 2019050412 W 20190222

Abstract (en)

[origin: WO2019166721A1] The assembly of bus bars according to the invention comprises a plurality of sectors of bus bars (S1 to S6) which are arranged, in a connected manner and with electrical contact, around a central axis (C) and upper and lower closing plates (BPD) which are perpendicular to the central axis, the sectors of bus bars each comprising an external portion of bus bar (B11 to B16) and at least one internal portion of bus bar (B21 to B26, B31 to B36) which delimit a plurality of internal volumes, the upper and lower closing plates being in contact against upper and lower faces of the portions of bus bar, respectively, and the portions of bus bar comprising a plurality of electrical contact faces of the type referred to as "press pack".

IPC 8 full level

H01L 25/16 (2006.01); **H01L 23/051** (2006.01); **H01L 23/473** (2006.01); **H02M 7/00** (2006.01)

CPC (source: EP US)

H01L 25/165 (2013.01 - EP); **H02G 5/10** (2013.01 - US); **H02M 7/003** (2013.01 - EP US); **H05K 7/14** (2013.01 - US); **H05K 7/2039** (2013.01 - US); **H05K 7/2089** (2013.01 - US); **H01L 23/051** (2013.01 - EP); **H01L 23/473** (2013.01 - EP US)

Citation (search report)

See references of WO 2019166721A1

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)

FR 3078448 A1 20190830; **FR 3078448 B1 20200228**; CN 111819688 A 20201023; EP 3759736 A1 20210106; JP 2021515399 A 20210617; US 11081970 B2 20210803; US 2020403523 A1 20201224; WO 2019166721 A1 20190906

DOCDB simple family (application)

FR 1851689 A 20180227; CN 201980015661 A 20190222; EP 19713530 A 20190222; FR 2019050412 W 20190222; JP 2020545172 A 20190222; US 201916975079 A 20190222