

Title (en)

BUSBAR INCLUDING A PLURALITY OF COAXIAL SLEEVES PROVIDED WITH ARMS ENDOWED WITH ELECTRICAL TRACKS

Title (de)

STROMSCHIENE MIT MEHREREN KOAXIALEN HÜLSEN MIT ARMEN MIT ELEKTRISCHEN LEITERBAHNEN

Title (fr)

BARRE OMNIBUS COMPORTANT UNE PLURALITE DE MANCHONS COAXIAUX POURVUS DE BRAS DOTES DE PISTES ELECTRIQUES

Publication

EP 3430871 A1 20190123 (FR)

Application

EP 17712206 A 20170301

Priority

- FR 1652194 A 20160315
- FR 2017050458 W 20170301

Abstract (en)

[origin: WO2017158251A1] The invention relates to a busbar (1) arranged so as to electrically connect at least one power electronic module (13) from at least one electrical conductor (6) to which the busbar (1) can be connected. The busbar (1) comprises a plurality of coaxial sleeves (2). Each of the sleeves (2) comprises a plurality of arms (4) that are distributed peripherally and radially around an axis (A) of the sleeves (2). The arms (4) extend longitudinally in parallel to the axis (A) and each include at least one conductive track (5) forming one of the buses of the busbar (1). The invention also relates to a power electronic module incorporating a busbar in accordance with the invention, and to a vehicle fitted with said module.

IPC 8 full level

H05K 7/14 (2006.01)

CPC (source: EP US)

B60M 1/305 (2013.01 - US); **B60M 1/307** (2013.01 - US); **B60R 16/0238** (2013.01 - US); **H05K 7/026** (2013.01 - US); **H05K 7/1432** (2013.01 - US); **H05K 7/14329** (2022.08 - EP)

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)

WO 2017158251 A1 20170921; CN 108781522 A 20181109; CN 108781522 B 20201229; EP 3430871 A1 20190123; FR 3049120 A1 20170922; FR 3049120 B1 20231208; MA 44404 A 20210421; US 10994677 B2 20210504; US 2019071037 A1 20190307

DOCDB simple family (application)

FR 2017050458 W 20170301; CN 201780017684 A 20170301; EP 17712206 A 20170301; FR 1652194 A 20160315; MA 44404 A 20170301; US 201716084930 A 20170301