

Title (en)

PLATE FOR ADAPTING A BATTERY TO A SUPPORT MEMBER

Title (de)

PLATTE ZUR ANPASSUNG EINER BATTERIE AN EIN TRÄGERELEMENT

Title (fr)

PLATINE D'ADAPTATION D'UNE BATTERIE SUR UN ORGANE DE SUPPORT

Publication

EP 3931016 A1 20220105 (FR)

Application

EP 19848810 A 20191220

Priority

- FR 1901990 A 20190227
- FR 2019053249 W 20191220

Abstract (en)

[origin: WO2020174130A1] The invention concerns a plate (1) for adapting a battery (2) to a support member (3) comprising a top face for receiving the battery (2) and a bottom face. The top face comprises electrical connection means (4a, 4b), a cavity for receiving a cooling plate in which a heat-transfer fluid circulates and means (8) for clamping and holding the battery (2) and the bottom face comprises a power electronic base connected to the electrical connection means (4a, 4b) and nozzles for the heat-transfer fluid to enter and exit the cooling plate.

IPC 8 full level

B60K 1/04 (2019.01); **B60K 1/00** (2006.01); **B60K 11/02** (2006.01); **B60R 16/04** (2006.01)

CPC (source: EP)

B60K 1/04 (2013.01); **B60R 16/04** (2013.01); **B60K 11/02** (2013.01); **B60K 2001/005** (2013.01); **B60K 2001/0438** (2013.01); **B60Y 2410/115** (2013.01); **Y02E 60/10** (2013.01)

Citation (search report)

See references of WO 2020174130A1

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 2020174130 A1 20200903; CN 113474193 A 20211001; EP 3931016 A1 20220105; FR 3093031 A1 20200828; FR 3093031 B1 20210219

DOCDB simple family (application)

FR 2019053249 W 20191220; CN 201980093182 A 20191220; EP 19848810 A 20191220; FR 1901990 A 20190227