

Title (en)
VEHICLE BATTERY HOUSING

Title (de)
BATTERIEGEHÄUSE FÜR KRAFTFAHRZEUGE

Title (fr)
BOITIER POUR BATTERIE DE VÉHICULE

Publication
EP 4048540 A1 20220831 (FR)

Application
EP 20785819 A 20200921

Priority
• FR 1911985 A 20191025
• FR 2020051635 W 20200921

Abstract (en)
[origin: WO2021079037A1] The invention concerns a housing (1) for a battery (6), comprising a cover (3) and a panel (40) intended to be placed on a substantially flat surface (50), the cover (3) comprising an upper wall (30), a first side wall (31) connected to the upper wall (30) and a second side wall (32) connected to the upper wall (30), characterised in that the first side wall (31) has a first bottom edge (39) and the second side wall (32) has a second bottom edge (45), the housing (1) further comprising at least one quarter turn fastening (5), the cover (3) further comprising a metal foil (35) at least partially on an inner surface (36), the panel (40) further comprising a cavity (43) receiving the first bottom edge (39).

IPC 8 full level
B60K 1/04 (2019.01); **B60K 1/00** (2006.01); **B62D 25/20** (2006.01); **H02J 50/70** (2016.01)

CPC (source: CN EP)
B60K 1/04 (2013.01 - EP); **H01M 50/244** (2021.01 - CN); **H01M 50/249** (2021.01 - CN); **B60K 2001/005** (2013.01 - EP); **B60L 2270/14** (2013.01 - EP); **B60L 2270/147** (2013.01 - EP); **H01M 2220/20** (2013.01 - CN); **Y02E 60/10** (2013.01 - EP)

Citation (search report)
See references of WO 2021079037A1

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 3102410 A1 20210430; **FR 3102410 B1 20220318**; CN 114616716 A 20220610; EP 4048540 A1 20220831; WO 2021079037 A1 20210429

DOCDB simple family (application)
FR 1911985 A 20191025; CN 202080074783 A 20200921; EP 20785819 A 20200921; FR 2020051635 W 20200921