

Title (en)
SEALED ELECTRIC BATTERY HOUSING

Title (de)
ABGEDICHTETES GEHÄUSE FÜR ELEKTRISCHE BATTERIE

Title (fr)
CARTER DE BATTERIE ÉLECTRIQUE ÉTANCHE

Publication
EP 4327395 A1 20240228 (FR)

Application
EP 22723433 A 20220419

Priority
• FR 2104060 A 20210419
• EP 2022060312 W 20220419

Abstract (en)
[origin: WO202223559A1] The invention relates to a two-piece electric battery housing comprising a lower housing (2) and an upper housing. According to the invention, an EPDM seal (102) to which a metal frame (101) is attached is inserted between the lower housing (2) and the upper frame to ensure good water-tightness of the obtained housing.

IPC 8 full level
H01M 50/209 (2021.01); **F16J 15/06** (2006.01); **F16J 15/12** (2006.01); **H01M 50/224** (2021.01); **H01M 50/24** (2021.01); **H01M 50/249** (2021.01); **H01M 50/276** (2021.01)

CPC (source: EP KR US)
F16J 15/061 (2013.01 - EP KR); **F16J 15/122** (2013.01 - EP KR); **F16J 15/127** (2013.01 - EP); **H01M 50/103** (2021.01 - US); **H01M 50/184** (2021.01 - US); **H01M 50/186** (2021.01 - US); **H01M 50/191** (2021.01 - US); **H01M 50/193** (2021.01 - US); **H01M 50/209** (2021.01 - EP KR); **H01M 50/224** (2021.01 - EP KR); **H01M 50/24** (2021.01 - EP KR); **H01M 50/249** (2021.01 - EP KR); **H01M 50/276** (2021.01 - EP KR); **Y02E 60/10** (2013.01 - EP KR)

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

Designated validation state (EPC)
KH MA MD TN

DOCDB simple family (publication)
FR 3122041 A1 20221021; **FR 3122041 B1 20231229**; CN 117203832 A 20231208; EP 4327395 A1 20240228; JP 2024513574 A 20240326; KR 20230171958 A 20231221; US 2024204314 A1 20240620; WO 202223559 A1 20221027

DOCDB simple family (application)
FR 2104060 A 20210419; CN 202280028053 A 20220419; EP 2022060312 W 20220419; EP 22723433 A 20220419; JP 2023562505 A 20220419; KR 20237038630 A 20220419; US 202218555742 A 20220419