

Title (en)

BATTERY SHELL, TRACTION BATTERY, MOTOR VEHICLE, AND PROCESS FOR MANUFACTURING A BATTERY SHELL

Title (de)

BATTERIESCHALE, TRAKTIONSBATTERIE, KRAFTFAHRZEUG UND VERFAHREN ZUM HERSTELLEN EINER BATTERIESCHALE

Title (fr)

COQUE DE BATTERIE, BATTERIE DE TRACTION, VÉHICULE À MOTEUR ET PROCÉDÉ DE FABRICATION D'UNE COQUE DE BATTERIE

Publication

EP 4128431 A1 20230208 (DE)

Application

EP 21700049 A 20210106

Priority

- DE 102020108442 A 20200326
- EP 2021050117 W 20210106

Abstract (en)

[origin: WO2021190791A1] The invention relates to a battery shell, in particular a battery shell for a traction battery of a motor vehicle, said battery shell comprising a semi-permeable membrane that is integrally bonded or frictionally connected to the battery shell.

IPC 8 full level

H01M 50/30 (2006.01); **F16K 17/00** (2006.01); **F16K 24/00** (2006.01); **H01M 50/308** (2006.01); **H01M 50/342** (2006.01)

CPC (source: EP US)

F16K 15/148 (2013.01 - EP); **F16K 17/26** (2013.01 - EP); **F16K 24/04** (2013.01 - EP); **F16K 24/06** (2013.01 - EP); **H01M 50/147** (2021.01 - US); **H01M 50/308** (2021.01 - EP); **H01M 50/317** (2021.01 - US); **H01M 50/342** (2021.01 - EP); **H01M 50/394** (2021.01 - EP US); **H01M 50/308** (2021.01 - US); **H01M 2220/20** (2013.01 - US); **Y02E 60/10** (2013.01 - EP); **Y02T 10/70** (2013.01 - EP)

Citation (search report)

See references of WO 2021190791A1

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)

DE 102020108442 A1 20210930; CN 115298891 A 20221104; EP 4128431 A1 20230208; US 2023103100 A1 20230330; WO 2021190791 A1 20210930

DOCDB simple family (application)

DE 102020108442 A 20200326; CN 202180021240 A 20210106; EP 2021050117 W 20210106; EP 21700049 A 20210106; US 202117911229 A 20210106