Title (en)

ELECTROCHEMICAL POUCH CELL FOR ENERGY STORAGE DEVICE

Title (de)

ELEKTROCHEMISCHE BEUTELZELLE FÜR ENERGIESPEICHERVORRICHTUNG

Title (fr)

CELLULE ÉLECTROCHIMIQUE DE TYPE POUCH POUR UN DISPOSITIF DE STOCKAGE D'ÉNERGIE

Publication

EP 4248518 A1 20230927 (FR)

Application

EP 21807132 A 20211116

Priority

- FR 2011947 A 20201120
- EP 2021081879 W 20211116

Abstract (en)

[origin: WO2022106426A1] Disclosed is an electrochemical pouch cell (1) for an electrical energy storage device (10), in particular intended for a motor vehicle, the electrochemical cell comprising a stack of a plurality of electrodes (2), at least one electric terminal (4) and a liner (3) connected to the electric terminal (4) and to itself, respectively at a primary connection (5) and a secondary connection (6), so as to form a recess (100) into which the plurality of electrodes (2) and all or part of the at least one electric terminal (4) extend, the electric terminal (4) having a first dimension substantially equal to or greater than a first dimension of a stack of the plurality of electrodes (2).

IPC 8 full level

H01M 50/105 (2021.01)

CPC (source: EP KR US)

B60L 50/64 (2019.01 - US); **H01M 10/48** (2013.01 - KR); **H01M 10/486** (2013.01 - KR); **H01M 10/613** (2015.04 - KR US); **H01M 10/625** (2015.04 - US); **H01M 10/647** (2015.04 - US); **H01M 10/658** (2015.04 - KR); **H01M 50/105** (2021.01 - EP KR US); **H01M 50/178** (2021.01 - US); **H01M 50/249** (2021.01 - KR); **H01M 50/474** (2021.01 - US); **H01M 50/477** (2021.01 - US); **H01M 50/548** (2021.01 - KR US); **H01M 50/553** (2021.01 - KR); **H01M 50/557** (2021.01 - US); **H01M 50/566** (2021.01 - US); **H01M 50/569** (2021.01 - US); H01M 2220/10 (2013.01 - KR); H01M 2220/20 (2013.01 - EP US); Y02E 60/10 (2013.01 - EP KR)

Citation (search report)

See references of WO 2022106426A1

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 3116655 A1 20220527; **FR 3116655 B1 20230414**; CN 116457988 A 20230718; EP 4248518 A1 20230927; KR 20230110551 A 20230724; US 2024006688 A1 20240104; WO 2022106426 A1 20220527

DOCDB simple family (application)

FR 2011947 A 20201120; CN 202180077204 A 20211116; EP 2021081879 W 20211116; EP 21807132 A 20211116; KR 20237020316 A 20211116; US 202118253287 A 20211116