

Title (en)

ENERGY PRODUCTION AND/OR STORAGE DEVICE COMPRISING A RESERVOIR

Title (de)

ENERGIEPRODUKTIONS- UND/ODER SPEICHERVORRICHTUNG MIT EINEM RESERVOIR

Title (fr)

DISPOSITIF DE PRODUCTION ET/OU STOCKAGE D'ENERGIE COMPRENANT UN RESERVOIR

Publication

EP 4059074 A1 20220921 (FR)

Application

EP 20804281 A 20201113

Priority

- FR 1912792 A 20191115
- EP 2020082150 W 20201113

Abstract (en)

[origin: CA3159086A1] An electrical energy production and/or storage device (2), characterized in that it comprises: - an anode (4), - a cathode (6), - a separator (8) allowing the transfer of at least one compound able to trigger and/or allow the production and/or storage of electrical energy, positioned between the anode (4) and the cathode (6), and - at least one breakable, puncturable and/or deformable reservoir (10) of a compound able to trigger and/or allow the production and/or storage of electrical energy, said reservoir (10) having means allowing said compound and said separator (8) to be brought into contact; said means allowing said compound and said separator (8) to be brought into contact notably being means for transferring a liquid.

IPC 8 full level

H01M 8/04082 (2016.01); **H01M 8/04223** (2016.01); **H01M 8/16** (2006.01)

CPC (source: EP KR US)

A61B 5/4343 (2013.01 - KR US); **A61B 10/0012** (2013.01 - KR); **H01M 4/8605** (2013.01 - EP); **H01M 4/8663** (2013.01 - EP); **H01M 4/9008** (2013.01 - EP KR); **H01M 8/0297** (2013.01 - US); **H01M 8/04201** (2013.01 - EP KR US); **H01M 8/04223** (2013.01 - EP KR); **H01M 8/04225** (2016.02 - US); **H01M 8/16** (2013.01 - EP KR); **A61B 2560/0285** (2013.01 - KR US); **H01M 2250/30** (2013.01 - US); **Y02E 60/50** (2013.01 - EP KR)

Citation (search report)

See references of WO 2021094593A1

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 3103325 A1 20210521; **FR 3103325 B1 20220408**; CA 3159086 A1 20210520; EP 4059074 A1 20220921; JP 2023508634 A 20230303; KR 20220100628 A 20220715; US 2022386940 A1 20221208; WO 2021094593 A1 20210520

DOCDB simple family (application)

FR 1912792 A 20191115; CA 3159086 A 20201113; EP 2020082150 W 20201113; EP 20804281 A 20201113; JP 2022528554 A 20201113; KR 20227019573 A 20201113; US 202017776842 A 20201113