

Title (en)

METHOD FOR OPERATING AN ELECTRICAL ENERGY ACCUMULATOR AND DEVICE FOR CARRYING OUT THE METHOD

Title (de)

VERFAHREN ZUM BETREIBEN EINES SPEICHERS FÜR ELEKTRISCHE ENERGIE UND VORRICHTUNG ZUR DURCHFÜHRUNG DES VERFAHRENS

Title (fr)

PROCÉDÉ PERMETTANT DE FAIRE FONCTIONNER UN DISPOSITIF DE STOCKAGE D'ÉNERGIE ÉLECTRIQUE ET DISPOSITIF PERMETTANT LA MISE EN OEUVRE DU PROCÉDÉ

Publication

EP 3635801 A1 20200415 (DE)

Application

EP 18727261 A 20180524

Priority

- DE 102017112515 A 20170607
- EP 2018063607 W 20180524

Abstract (en)

[origin: WO2018224319A1] The invention relates to a method for operating an electrical energy accumulator for converting electrical energy into chemical energy and storing the chemical energy and converting the stored chemical energy back into electrical energy. At least two reactors are provided for this purpose, being spatially clearly separated from one another and with a charge-carrying electrolyte circulating between these reactors, such that the transport of the charge between said reactors is principally determined by convection.

IPC 8 full level

H01M 2/16 (2006.01); **H01M 2/20** (2006.01); **H01M 4/38** (2006.01); **H01M 10/39** (2006.01)

CPC (source: EP)

H01M 4/38 (2013.01); **H01M 4/381** (2013.01); **H01M 4/42** (2013.01); **H01M 4/466** (2013.01); **H01M 4/806** (2013.01); **H01M 10/399** (2013.01); **H01M 10/4214** (2013.01); **H01M 50/77** (2021.01); **H01M 2300/0057** (2013.01); **Y02E 60/10** (2013.01)

Citation (search report)

See references of WO 2018224319A1

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)

WO 2018224319 A1 20181213; DE 102017112515 A1 20181227; DE 102017112515 B4 20200326; EP 3635801 A1 20200415

DOCDB simple family (application)

EP 2018063607 W 20180524; DE 102017112515 A 20170607; EP 18727261 A 20180524