

Title (en)

METHOD FOR OPERATING A BATTERY, AND BATTERY

Title (de)

VERFAHREN ZUM BETRIEB EINER BATTERIE UND BATTERIE

Title (fr)

PROCÉDÉ POUR FAIRE FONCTIONNER UNE BATTERIE ET BATTERIE

Publication

EP 3371847 A1 20180912 (DE)

Application

EP 16787462 A 20161027

Priority

- DE 102015221807 A 20151106
- EP 2016075901 W 20161027

Abstract (en)

[origin: WO2017076733A1] The invention relates to a method for operating a battery having at least one battery module (2) with at least one battery cell (3), having the following method steps: a. determining a first value of at least one first monitored variable of the at least one battery module (2) and/or the at least one battery cell (3), c. checking whether the determined first value of the at least one first monitored variable lies within a specified first target range for the at least one first monitored variable, the first target range being determined in particular in a method step b, and d. replacing the at least one battery module (3) with a different battery module and/or replacing the at least one battery cell (2) with a different battery cell if the determined first value of the at least one first monitored variable lies outside of the first target range for the at least one first monitored variable, wherein the first value of the at least one first monitored variable for the other battery module or the other battery cell lies within the first target range for the at least one first monitored variable.

IPC 8 full level

H01M 10/42 (2006.01); **H01M 10/48** (2006.01); **H01M 10/633** (2014.01)

CPC (source: EP KR US)

G01R 31/382 (2018.12 - KR); **G01R 31/392** (2018.12 - KR); **G01R 31/396** (2018.12 - KR); **H01M 10/4207** (2013.01 - EP KR US);
H01M 10/482 (2013.01 - EP KR US); **H01M 10/486** (2013.01 - EP KR US); **H01M 10/633** (2015.04 - EP KR US); **Y02E 60/10** (2013.01 - EP KR)

Citation (search report)

See references of WO 2017076733A1

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 2017076733 A1 20170511; CN 108352584 A 20180731; CN 108352584 B 20211001; DE 102015221807 A1 20170511;
EP 3371847 A1 20180912; JP 2018534754 A 20181122; JP 2020038836 A 20200312; JP 6928061 B2 20210901; KR 20180075662 A 20180704;
US 10991993 B2 20210427; US 2019067757 A1 20190228

DOCDB simple family (application)

EP 2016075901 W 20161027; CN 201680064583 A 20161027; DE 102015221807 A 20151106; EP 16787462 A 20161027;
JP 2018541512 A 20161027; JP 2019205577 A 20191113; KR 20187015465 A 20161027; US 201615770539 A 20161027