Title (en)

BATTERY WITH OPTIMISED LIFE

Title (de)

BATTERIE MIT OPTIMIERTER LEBENSDAUER

Title (fr)

BATTERIE À DURÉE DE VIE OPTIMISÉE

Publication

EP 3676889 A1 20200708 (FR)

Application

EP 19713113 A 20190312

Priority

- FR 1852253 A 20180316
- FR 2019050531 W 20190312

Abstract (en)

[origin: WO2019175498A1] Method (100) for managing a battery (1) for storing electrical energy, wherein the battery (1) is arranged to operate alternately in a first configuration, or in a second configuration, the battery (1) further comprising an electronic unit (4) configured to implement the following steps during a first period of operation of the battery (1) in the first configuration: controlling at least one means for measuring the battery so as to perform a measurement (101) of at least one value of at least one operating parameter of the battery; determining (102) the end of the first period of operation according to the at least one measured value for the at least one operating parameter; communicating (103) the end of the first period of operation determined in the preceding step, the management method comprising a phase of use (200) of the battery during a second period of operation subsequent to the first period of operation, in which the battery adopts the second configuration.

IPC 8 full level

H01M 2/04 (2006.01); **H02J 7/00** (2006.01)

CPC (source: EP)

H02J 7/0042 (2013.01); Y02E 60/10 (2013.01)

Citation (examination)

- US 2015303531 A1 20151022 - WILLGERT MIKAEL [SE], et al
- EP 2244318 A2 20101027 - TESLA MOTORS INC [US]
- US 2014087230 A1 20140327 - SCHAEFER TIM [DE]
- WO 2006068380 A1 20060629 - LG CHEMICAL LTD [KR]
- See also references of WO 2019175498A1

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 2019175498 A1 20190919; EP 3676889 A1 20200708; FR 3079085 A1 20190920; FR 3079085 B1 20200918

DOCDB simple family (application)

FR 2019050531 W 20190312; EP 19713113 A 20190312; FR 1852253 A 20180316