

Title (en)

BATTERY COMPRISING A CONTROL DEVICE AND METHOD FOR OPERATING SAID BATTERY

Title (de)

BATTERIE MIT STEUEREINRICHTUNG UND VERFAHREN ZUM BETRIEB DIESER BATTERIE

Title (fr)

BATTERIE AVEC DISPOSITIF DE COMMANDE ET PROCÉDÉ DE FONCTIONNEMENT DE CETTE BATTERIE

Publication

**EP 2664021 A2 20131120 (DE)**

Application

**EP 12700147 A 20120109**

Priority

- DE 102011008466 A 20110113
- EP 2012000064 W 20120109

Abstract (en)

[origin: WO2012095292A2] The invention relates to a battery (1) comprising: at least one electrochemical energy accumulator device (2, 2a, 2b, 2c) for supplying electrical energy; a control device (3) for monitoring the exchange of energy with the electrochemical energy accumulator device (2, 2a, 2b, 2c); a measuring device (4, 4a, 4b) for recording, at least at times, at least one physical and/or chemical parameter of the electrochemical energy accumulator device (2, 2a, 2b, 2c) and providing an associated measuring value; and a data storage device (5) for recording, at least at times, a value, especially a measuring value.

IPC 8 full level

**H01M 10/48** (2006.01); **H01M 50/454** (2021.01); **H02J 7/00** (2006.01); **H01M 50/414** (2021.01); **H01M 50/431** (2021.01); **H01M 50/451** (2021.01)

CPC (source: EP KR US)

**H01M 10/052** (2013.01 - KR); **H01M 10/482** (2013.01 - EP KR US); **H01M 10/488** (2013.01 - EP KR US); **H01M 50/411** (2021.01 - KR); **H01M 50/414** (2021.01 - KR); **H01M 50/431** (2021.01 - KR); **H01M 50/44** (2021.01 - KR); **H01M 50/449** (2021.01 - KR); **H01M 50/451** (2021.01 - KR); **H01M 50/454** (2021.01 - EP KR US); **H02J 1/00** (2013.01 - KR); **H02J 7/0063** (2013.01 - EP KR US); **H02J 7/00712** (2020.01 - EP KR US); **H01M 10/052** (2013.01 - EP US); **H01M 50/414** (2021.01 - EP US); **H01M 50/431** (2021.01 - EP US); **H01M 50/44** (2021.01 - EP US); **H01M 50/451** (2021.01 - EP US); **Y02E 60/10** (2013.01 - EP KR)

Citation (search report)

See references of WO 2012095292A2

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

DOCDB simple family (publication)

**WO 2012095292 A2 20120719**; **WO 2012095292 A3 20120913**; CN 103299476 A 20130911; DE 102011008466 A1 20120719; EP 2664021 A2 20131120; JP 2014505337 A 20140227; KR 20140005959 A 20140115; US 2014077593 A1 20140320

DOCDB simple family (application)

**EP 2012000064 W 20120109**; CN 201280005370 A 20120109; DE 102011008466 A 20110113; EP 12700147 A 20120109; JP 2013548783 A 20120109; KR 20137021213 A 20120109; US 201213979538 A 20120109