

Title (en)

METHOD FOR TREATING AND/OR REPAIRING AN ELECTROCHEMICAL CELL, AND BATTERY HAVING A PLURALITY OF SUCH ELECTROCHEMICAL CELLS

Title (de)

VERFAHREN ZUR BEHANDLUNG UND/ODER REPARATUR EINER ELEKTROCHEMISCHEN ZELLE UND BATTERIE MIT EINER ANZAHL DIESER ELEKTROCHEMISCHEN ZELLEN

Title (fr)

PROCÉDÉ DE TRAITEMENT ET/OU DE RÉPARATION D'UNE CELLULE ÉLECTROCHIMIQUE ET BATTERIE COMPORTANT UN CERTAIN NOMBRE DESDITES CELLULES ÉLECTROCHIMIQUES

Publication

**EP 2724412 A2 20140430 (DE)**

Application

**EP 12725628 A 20120601**

Priority

- DE 102011105424 A 20110622
- EP 2012002346 W 20120601

Abstract (en)

[origin: WO2012175169A2] The invention relates to a method for treating and/or repairing electrochemical cells for a battery, the method comprising the steps of: (S1) detecting parameter data (DPar.) of an individual electrochemical cell to be examined, in order to determine at least one of the subsequent treatment steps (S5) for the individual electrochemical cell; (S2) transmitting the parameter data (DPar.) to a control unit; (S3) associating the electrochemical cell with the parameter data (DPar.), preferably storing the parameter data (DPar.) for the electrochemical cell; (S4) determining, by way of the control unit, if a predetermined correlation of the parameter data (DPar.) relative to predetermined parameter values (WPar, WPar.1, WPar.2, WPar.3, WPar.4, WPart.5) exists for the parameter data associated with the electrochemical cell, and carrying out a first predetermined treatment step of the electrochemical cell, if the existence of a predetermined correlation of the parameter data (DPar.) relative to the predetermined parameter values (WPar, WPar.1, WPar.2, WPar.3, WPar.4, WPart.5) was determined, and preferably, carrying out a second predetermined treatment step of the electrochemical cell if it was determined that a predetermined correlation of the parameter data (DPar.) relative to the predetermined parameter values (WPar, WPar.1, WPar.2, WPar.3, WPar.4, WPart.5) does not exist.

IPC 8 full level

**G01R 31/00** (2006.01); **H01M 10/42** (2006.01)

CPC (source: CN EP KR)

**G01R 31/00** (2013.01 - KR); **H01M 10/42** (2013.01 - KR); **H01M 10/4207** (2013.01 - CN EP); **H01M 10/4285** (2013.01 - CN EP); **H02J 7/00** (2013.01 - KR); **H01M 2010/4271** (2013.01 - CN EP); **H01M 2220/20** (2013.01 - CN EP); **Y02E 60/10** (2013.01 - EP)

Citation (search report)

See references of WO 2012175169A2

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)

**DE 102011105424 A1 20121227**; CN 103620858 A 20140305; EP 2724412 A2 20140430; JP 2014520373 A 20140821; KR 20140045446 A 20140416; WO 2012175169 A2 20121227; WO 2012175169 A3 20130502

DOCDB simple family (application)

**DE 102011105424 A 20110622**; CN 201280030255 A 20120601; EP 12725628 A 20120601; EP 2012002346 W 20120601; JP 2014516218 A 20120601; KR 20137034494 A 20120601