

Title (en)

METHOD FOR SECURING THE OPERATION OF AN ELECTRIC BATTERY

Title (de)

VERFAHREN ZUM SICHERN DES BETRIEBS EINER ELEKTRISCHEN BATTERIE

Title (fr)

PROCEDE DE SECURISATION DU FONCTIONNEMENT D'UNE BATTERIE ELECTRIQUE

Publication

**EP 2415139 A2 20120208 (FR)**

Application

**EP 10713492 A 20100325**

Priority

- FR 2010000257 W 20100325
- FR 0901621 A 20090402

Abstract (en)

[origin: WO2010112694A2] The invention relates to a method for securing the operation of an electric battery including a plurality of elements (E) generating electric power which are mounted in a circuit (1) for the producing electricity, said method including checking for an appearance of a malfunction in each of said elements and, in the event of detecting a malfunction of an element (E), shunting said malfunctioning element such that the electric current no longer passes through said malfunctioning element while keeping the production circuit (1) closed. The invention also relates to a battery in which such a method can be implemented.

IPC 8 full level

**H02J 7/00** (2006.01)

CPC (source: EP KR US)

**B60L 58/10** (2019.01 - EP US); **H02H 7/18** (2013.01 - KR); **H02J 7/00** (2013.01 - KR); **H02J 7/0016** (2013.01 - EP US); **H02J 7/00306** (2020.01 - EP); **H02J 7/00309** (2020.01 - EP); **H02J 7/0031** (2013.01 - EP US); **Y02T 10/70** (2013.01 - EP US)

Citation (search report)

See references of WO 2010112694A2

Designated contracting state (EPC)

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 SE SI SK SM TR

DOCDB simple family (publication)

**WO 2010112694 A2 20101007**; **WO 2010112694 A3 20101229**; AU 2010231330 A1 20111027; BR PI1014088 A2 20190924; CN 102379077 A 20120314; EP 2415139 A2 20120208; FR 2944161 A1 20101008; JP 2012523211 A 20120927; KR 20110134919 A 20111215; US 2012070701 A1 20120322

DOCDB simple family (application)

**FR 2010000257 W 20100325**; AU 2010231330 A 20100325; BR PI1014088 A 20100325; CN 201080015144 A 20100325; EP 10713492 A 20100325; FR 0901621 A 20090402; JP 2012502727 A 20100325; KR 20117025076 A 20100325; US 201113242030 A 20110923