

Title (en)

ENERGY STORAGE DEVICE AND METHOD FOR THE OPERATION THEREOF

Title (de)

ENERGIESPEICHERVORRICHTUNG UND VERFAHREN ZUM BETREIBEN DERSELBEN

Title (fr)

DISPOSITIF DE STOCKAGE D'ÉNERGIE ET PROCÉDÉ POUR LE FAIRE FONCTIONNER

Publication

EP 2909057 A2 20150826 (DE)

Application

EP 13776789 A 20131011

Priority

- DE 102012110030 A 20121019
- EP 2013071319 W 20131011

Abstract (en)

[origin: WO2014060319A2] The invention relates to an energy storage device and to a method for operating an energy storage device. In order to specify an energy storage assembly and a method for the operation thereof that are adapted to complex requirements in the properties of said energy storage assembly and said method for the operation thereof and have both high-current properties and high-energy properties, an energy storage assembly is specified, comprising: at least one high-current cell (20) and at least one high-energy cell (10), wherein the at least one high-energy cell (10) and the at least one high-current cell (20) are connected in parallel, wherein the cells (10, 20) are charged and/or discharged by means of a current pulse and a charge equalization between the cells (10, 20) occurs in the pulse pauses.

IPC 8 full level

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Citation (search report)

See references of WO 2014060319A2

Citation (examination)

- US 6387553 B1 20020514 - PUTT RONALD A [US], et al
- US 5998052 A 19991207 - YAMIN HERZEL [IL]

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