Title (en)

CONTROL OF AN ENERGY STORAGE ASSEMBLY

Title (de)

STEUERUNG EINER ENERGIESPEICHERANORDNUNG

Title (fr)

COMMANDE D'UN SYSTÈME ACCUMULATEUR D'ÉNERGIE

Publication

EP 4338253 A1 20240320 (DE)

Application

EP 22740807 A 20220628

Priority

- DE 102021116884 A 20210630
- DE 102021132889 A 20211214
- DE 102022101711 A 20220125
- EP 2022067670 W 20220628

Abstract (en)

[origin: WO2023275014A1] An individual cell control of an energy storage assembly (1) is to be achieved with reduced complexity. For this purpose, a controller is proposed for controlling an energy storage assembly (1) comprising a plurality of individual cells (2, 2'). The controller additionally has a switch device with individual switch elements (4, 4') for one or more of the individual cells. The individuals switch elements (4, 4') of the switch device are organized in rows and columns in the form of a matrix. Each of the rows and columns of the switch device can be actuated separately from one another such that each of the individual switch elements (4, 4') can be activated and deactivated individually. A matrix control device (5) is designed to generate a respective actuation signal individually for each individual switch element (4, 4') of the storage device.

IPC 8 full level

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CPC (source: EP US)

G05B 19/08 (2013.01 - EP); **H02J 7/0019** (2013.01 - EP US); **H02J 7/02** (2013.01 - US)

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