

Title (en)  
DEVICE FOR THE CONCOMITANT STORAGE AND GENERATION OF AT LEAST ONE VOLTAGE, AND ASSOCIATED MANAGEMENT METHOD

Title (de)  
VORRICHTUNG ZUR GLEICHZEITIGEN SPEICHERUNG UND ERZEUGUNG VON MINDESTENS EINER SPANNUNG UND ZUGEHÖRIGES VERWALTUNGSVERFAHREN

Title (fr)  
DISPOSITIF DE STOCKAGE ET DE GÉNÉRATION CONCOMITANTE D'AU MOINS UNE TENSION ÉLECTRIQUE, ET PROCÉDÉ DE GESTION ASSOCIÉ

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Application  
**EP 22710700 A 20220225**

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Abstract (en)  
[origin: WO2022180346A1] The invention relates to a device (100) for storing electrical energy, comprising a plurality of switched individual cells contained inside a storage pack (110), a master block (120) and a supply block (130) supplying a DC voltage to the storage pack and the master block. In such a storage device, the storage pack is subdivided into a plurality of storage blocks (115), each storage block comprising a plurality of switched cells (105) and a control logic sub-block (160) for controlling each switched cell of said storage block. Each storage block furthermore also comprises at least one connection sub-block (150) for connection to a bus (140), each connection sub-block comprising an electronic switch having two positions, one position, called connected position, in which the electronic switch is open so that the storage block supplies the bus with a voltage, and one position, called short-circuit position, in which the electronic switch is closed.

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