

Title (en)

ASSEMBLY FOR STORING ELECTRICAL ENERGY, AND ASSOCIATED PRODUCTION METHOD

Title (de)

ANORDNUNG ZUM SPEICHERN ELEKTRISCHER ENERGIE UND ZUGEHÖRIGES HERSTELLUNGSVERFAHREN

Title (fr)

ENSEMBLE DE STOCKAGE D'ENERGIE ELECTRIQUE, ET PROCEDE DE FABRICATION ASSOCIE

Publication

EP 3092655 A1 20161116 (FR)

Application

EP 15700428 A 20150106

Priority

- FR 1450100 A 20140107
- EP 2015050119 W 20150106

Abstract (en)

[origin: WO2015104269A1] The invention relates to an assembly for storing electrical energy (10) comprising a storage element (16) comprising at least one elementary cell (18) comprising first and second electrode complexes (19, 20) stacked in a stacking direction (21), said elementary cell further comprising a first separator (26) made of a plastic material extending between the first and second electrode complexes, and an outer shell (11) receiving the storage element (16), the shell comprising two separate surfaces (15, 14) forming electrical terminals of the assembly having opposite polarities, the one or more first complexes (19) being electrically connected to a first terminal (15) and the one or more second complexes (20) being electrically connected to a second terminal (14), in which the element comprises at least one additional layer (29, 30) extending at least at one end (31, 32) of the storage element in the stacking direction, each additional layer being made up of a component identical to one of the components of the elementary cell (18), none of the additional layers of a single end of the storage element being connected to the terminal having the opposite polarity to the terminal to which the electrode complex adjacent to said additional layers is connected.

IPC 8 full level

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Citation (search report)

See references of WO 2015104269A1

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