

Title (en)

ELECTROCHEMICAL ENERGY STORE OR ENERGY CONVERTER

Title (de)

ELEKTROCHEMISCHER ENERGIESPEICHER ODER ENERGIEWANDLER

Title (fr)

ACCUMULATEUR D'ÉNERGIE OU CONVERTISSEUR D'ÉNERGIE ÉLECTROCHIMIQUE

Publication

**EP 2805364 A1 20141126 (DE)**

Application

**EP 13700620 A 20130117**

Priority

- DE 102012000819 A 20120117
- US 201261587173 P 20120117
- EP 2013000133 W 20130117

Abstract (en)

[origin: WO2013107645A1] In an electrochemical energy store or energy converter having an electrochemically active material in a package (1) or in a housing (1) which is composed of electrochemically inactive material, a wall (2) of the package or of the housing or a device (3) of the energy store or energy converter, which device is fitted or arranged in, at or on a wall of the package or of the housing, has a sealing material (4) at least at points, the specific volume of said sealing material increasing when a threshold temperature is exceeded. The sealing material can be arranged in, at or on the wall of the package or of the housing in such a way that the increase in the specific volume of the sealing material which occurs when the threshold temperature is exceeded can contribute to sealing off a leak (5) in the package or in the housing or to closing an opening (6) in a device of the energy store or energy converter.

IPC 8 full level

**H01M 8/02** (2006.01); **H01M 50/186** (2021.01); **H01M 50/191** (2021.01); **H01M 50/198** (2021.01)

CPC (source: EP US)

**H01M 8/0282** (2013.01 - EP); **H01M 8/0286** (2013.01 - EP); **H01M 50/186** (2021.01 - EP US); **H01M 50/191** (2021.01 - EP US); **H01M 50/198** (2021.01 - EP US); **Y02E 60/10** (2013.01 - EP); **Y02E 60/50** (2013.01 - EP)

Citation (search report)

See references of WO 2013107645A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

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DOCDB simple family (application)

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