

Title (en)

ELECTROCHEMICAL ENERGY STORAGE CELL COMPRISING A CURRENT INTERRUPTION DEVICE

Title (de)

ELEKTROCHEMISCHE ENERGIESPEICHERZELLE MIT STROMUNTERBRECHUNGSEINRICHTUNG

Title (fr)

ÉLÉMENT ÉLECTROCHIMIQUE D'ACCUMULATION D'ÉNERGIE DOTÉ D'UN DISPOSITIF D'INTERRUPTION DU COURANT

Publication

EP 2695224 A1 20140212 (DE)

Application

EP 12712582 A 20120327

Priority

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Abstract (en)

[origin: WO2012130433A1] The invention relates to an electrochemical energy storage cell comprising a current interruption device for interrupting at least one electrical connection of the energy storage cell provided for operation of the energy storage cell. Furthermore, the energy storage cell comprises a discharge device, which enables a complete or partial discharge of the energy storage device when at least one electrical connection of the energy storage cell provided for operation of the energy storage cell is interrupted by the current interruption device. This enables a discharge of the energy storage cell and hence a safe transport and a safe storage of the energy storage cell, yet at the same time prevents further operation of the energy storage cell potentially damaged by an overcharge.

IPC 8 full level

H01M 10/42 (2006.01); **H01M 10/44** (2006.01); **H01M 10/48** (2006.01); **H01M 50/574** (2021.01)

CPC (source: EP KR US)

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Citation (search report)

See references of WO 2012130433A1

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