

Title (en)

BATTERY CASE FOR RECEIVING ELECTROCHEMICAL ENERGY-STORAGE DEVICES

Title (de)

BATTERIEGEHÄUSE ZUR AUFNAHME VON ELEKTROCHEMISCHEN ENERGIESPEICHEREINRICHTUNGEN

Title (fr)

BOÎTIER DE BATTERIE DESTINÉ À LOGER DES DISPOSITIFS ÉLECTROCHIMIQUES ACCUMULATEURS D'ÉNERGIE

Publication

**EP 2514000 A1 20121024 (DE)**

Application

**EP 10787279 A 20101122**

Priority

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Abstract (en)

[origin: WO2011072793A1] The invention relates to a battery case (1), which comprises a deformable lateral wall (2). The battery case (1) is provided to receive at least one electrochemical energy storage device (3). An electrochemical energy storage device (3) comprises a cell frame (4), which partially surrounds the device (3) and in some areas forms the outer wall of the battery case (1). The battery case (1) also comprises a case cover (5), by which at least one electrochemical energy storage device (3) can be electrically contacted. A lateral wall (2) forms at least in some areas the outer wall of said battery case (1), wherein the stiffness of said lateral wall (2) is less than the stiffness of the cell frame (4). When there is a pressure difference between the inner space of the battery case (1) and the environment around the battery case (1), the lateral wall (2) is therefore deformed and the volume of the battery case (1) increases. Said lateral wall (2) is connected at least in some areas to said cell frame (4) in a gas-tight manner.

IPC 8 full level

**H01M 10/052** (2010.01); **H01M 10/44** (2006.01); **H01M 50/209** (2021.01); **H01M 50/296** (2021.01)

CPC (source: EP KR US)

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Citation (search report)

See references of WO 2011072793A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

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