

Title (en)

BATTERY HOUSING FOR HOLDING ELECTROCHEMICAL ENERGY STORAGE DEVICES

Title (de)

BATTERIEGEHÄUSE ZUR AUFNAHME VON ELEKTROCHEMISCHEN ENERGIESPEICHEREINRICHTUNGEN

Title (fr)

BOÎTIER DE BATTERIE POUR LA RÉCEPTION DE DISPOSITIFS ACCUMULATEURS D'ÉNERGIE ÉLECTROCHIMIQUES

Publication

**EP 2502292 A1 20120926 (DE)**

Application

**EP 10785339 A 20101115**

Priority

- DE 102009053506 A 20091116
- EP 2010006936 W 20101115

Abstract (en)

[origin: WO2011057815A1] A battery housing surrounds at least one but preferably a multiplicity of electrochemical energy storage devices. The battery housing has at least one but preferably a multiplicity of cell compartments to hold these electrochemical energy storage devices. The surface of the battery housing consists of four side surfaces, a bottom surface and a top surface, with the side surfaces being formed by the cell compartment elements. Two electrochemical energy storage devices are preferably arranged in one cell compartment. In particular, an elastic equalizing element is arranged between two electrochemical energy storage devices. The cell compartments are formed by cell compartment elements. In particular, a cell compartment element forms at least one cell compartment, and two cell compartment elements preferably form one cell compartment. The cell compartments can be closed, in particular, by a cover element.

IPC 8 full level

**H01M 6/50** (2006.01); **H01M 10/50** (2006.01); **H01M 50/209** (2021.01); **H01M 50/224** (2021.01); **H01M 50/233** (2021.01); **H01M 50/262** (2021.01); **H01M 50/271** (2021.01)

CPC (source: EP KR US)

**H01M 6/5038** (2013.01 - EP KR US); **H01M 10/613** (2015.04 - EP KR US); **H01M 10/625** (2015.04 - KR); **H01M 10/647** (2015.04 - EP KR US); **H01M 10/653** (2015.04 - EP KR US); **H01M 10/6551** (2015.04 - EP KR US); **H01M 10/6557** (2015.04 - EP KR US); **H01M 10/6566** (2015.04 - EP KR US); **H01M 10/658** (2015.04 - EP KR US); **H01M 10/659** (2015.04 - EP KR US); **H01M 50/209** (2021.01 - EP KR US); **H01M 50/224** (2021.01 - EP KR US); **H01M 50/233** (2021.01 - EP KR US); **H01M 50/262** (2021.01 - EP KR US); **H01M 50/271** (2021.01 - EP KR US); **H01M 10/625** (2015.04 - EP US); **Y02E 60/10** (2013.01 - EP KR); **Y10T 29/49826** (2015.01 - EP US)

Citation (search report)

See references of WO 2011057815A1

Citation (examination)

US 2009246616 A1 20091001 - KOYAMA TAIHEI [JP], et al

Cited by

US8722223B2; US9209499B2

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

**DE 102009053506 A1 20110519**; BR 112012011216 A2 20160705; CN 102598354 A 20120718; EP 2502292 A1 20120926; JP 2013511116 A 20130328; KR 20120099722 A 20120911; US 2013130078 A1 20130523; WO 2011057815 A1 20110519

DOCDB simple family (application)

**DE 102009053506 A 20091116**; BR 112012011216 A 20101115; CN 201080051446 A 20101115; EP 10785339 A 20101115; EP 2010006936 W 20101115; JP 2012538246 A 20101115; KR 20127015310 A 20101115; US 201013510291 A 20101115