Title (en)

ELECTROCHEMICAL ENERGY STORE, AND METHOD FOR THERMALLY STABILIZING AN ELECTROCHEMICAL ENERGY STORE

Title (de)

ELEKTROCHEMISCHER ENERGIESPEICHER UND VERFAHREN ZUR THERMISCHEN STABILISIERUNG EINES ELEKTROCHEMISCHEN ENERGIESPEICHERS

Title (fr)

ACCUMULATEUR D'ÉNERGIE ÉLECTROCHIMIQUE ET PROCÉDÉ DE STABILISATION THERMIQUE D'UN ACCUMULATEUR D'ÉNERGIE ÉLECTROCHIMIQUE

Publication

EP 2494640 A1 20120905 (DE)

Application

EP 10779226 A 20101022

Priority

- DE 102009051216 A 20091029
- EP 2010006475 W 20101022

Abstract (en)

[origin: WO2011050930A1] In an electrochemical energy store comprising at least one spatially delimited galvanic cell (1, 1a, 1b, 1c), said galvanic cell includes a component or a device which causes the level of heat generated (2, 2a, 2b, 2c) within the galvanic cell to drop to or below the level of heat dissipated (3, 4, 5) from the cell beyond the spatial boundaries of the cell when a threshold temperature inside the galvanic cell is at least locally exceeded.

IPC 8 full level

H01M 6/50 (2006.01); **H01M 8/04** (2006.01); **H01M 10/50** (2006.01)

CPC (source: EP KR US)

H01M 6/5038 (2013.01 - EP KR US); **H01M 8/04059** (2013.01 - EP KR US); **H01M 10/613** (2015.04 - EP KR US); **H01M 10/615** (2015.04 - EP KR US); **H01M 10/63** (2015.04 - KR); **H01M 10/654** (2015.04 - EP KR US); **H01M 10/6554** (2015.04 - KR); **H01M 10/6572** (2015.04 - EP KR US); H01M 2200/10 (2013.01 - EP KR US); Y02E 60/10 (2013.01 - EP KR); Y02E 60/50 (2013.01 - EP KR); Y02P 70/50 (2015.11 - EP KR)

Citation (search report)

See references of WO 2011050930A1

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)

WO 2011050930 A1 20110505; BR 112012010076 A2 20160531; CN 102612777 A 20120725; DE 102009051216 A1 20110512; EP 2494640 A1 20120905; JP 2013509674 A 20130314; KR 20120101026 A 20120912; US 2012308854 A1 20121206

DOCDB simple family (application)

EP 2010006475 W 20101022; BR 112012010076 A 20101022; CN 201080051874 A 20101022; DE 102009051216 A 20091029; EP 10779226 A 20101022; JP 2012535665 A 20101022; KR 20127013626 A 20101022; US 201013504934 A 20101022