

Title (en)

METHOD AND DEVICE FOR COOLING AN ELECTROCHEMICAL ENERGY STORE

Title (de)

VERFAHREN UND VORRICHTUNG ZUM KÜHLEN EINES ELEKTROCHEMISCHEN ENERGIESPEICHERS

Title (fr)

PROCÉDÉ ET DISPOSITIF POUR REFROIDIR UN ACCUMULATEUR D'ÉNERGIE ÉLECTROCHIMIQUE

Publication

EP 2467891 A1 20120627 (DE)

Application

EP 10747589 A 20100819

Priority

- DE 102009038065 A 20090819
- EP 2010005094 W 20100819

Abstract (en)

[origin: WO2011020616A1] A device for cooling an electrochemical energy store, particularly a galvanic cell containing lithium, is provided with a cooling agent (209) which has an extinguishing effect in the event of a fire and which flows through or around the energy store, the housing thereof (201), or parts of the energy store or of the housing thereof.

IPC 8 full level

H01M 10/60 (2014.01)

CPC (source: EP KR US)

A62C 3/00 (2013.01 - EP US); **C09K 5/10** (2013.01 - EP US); **H01M 6/5038** (2013.01 - EP US); **H01M 10/613** (2015.04 - EP US); **H01M 10/6567** (2015.04 - EP US); **H01M 10/6568** (2015.04 - EP KR US); **H01M 10/0525** (2013.01 - EP US); **H01M 2200/00** (2013.01 - EP US); **Y02E 60/10** (2013.01 - EP)

Citation (search report)

See references of WO 2011020616A1

Citation (examination)

WO 0215982 A1 20020228 - STOCKHAUSEN CHEM FAB GMBH [DE], et al

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 SE SI SK SM TR

DOCDB simple family (publication)

DE 102009038065 A1 20110224; BR 112012002769 A2 20170221; CN 102576881 A 20120711; EP 2467891 A1 20120627; JP 2013502677 A 20130124; KR 20120065346 A 20120620; US 2012231304 A1 20120913; WO 2011020616 A1 20110224

DOCDB simple family (application)

DE 102009038065 A 20090819; BR 112012002769 A 20100819; CN 201080036612 A 20100819; EP 10747589 A 20100819; EP 2010005094 W 20100819; JP 2012525090 A 20100819; KR 20127006264 A 20100819; US 201013390552 A 20100819