

Title (en)

LITHIUM CELLS AND BATTERIES WITH IMPROVED STABILITY AND SAFETY, METHOD FOR THE PRODUCTION THEREOF, AND APPLICATION IN MOBILE AND STATIONARY ELECTRICAL ENERGY ACCUMULATORS

Title (de)

LITHIUM-ZELLEN UND -BATTERIEN MIT VERBESSERTER STABILITÄT UND SICHERHEIT, VERFAHREN ZU IHRER HERSTELLUNG UND ANWENDUNG IN MOBILEN UND STATIONÄREN ELEKTRISCHEN ENERGIESPEICHERN

Title (fr)

ÉLÉMENTS ET BATTERIES LITHIUM DOTÉS D'UNE MEILLEURE STABILITÉ ET SÉCURITÉ, LEUR PROCÉDÉ DE PRODUCTION ET LEUR APPLICATION DANS DES ACCUMULATEURS D'ÉNERGIE ÉLECTRIQUE MOBILES EST FIXES

Publication

EP 2596537 A1 20130529 (DE)

Application

EP 11732439 A 20110712

Priority

- DE 102010038308 A 20100723
- EP 2011061877 W 20110712

Abstract (en)

[origin: WO2012010468A1] The invention relates to a battery comprising an electrode separator arrangement filled with an electrolyte, characterised in that the electrode separator arrangement is at least partially covered with a casting compound (fig. 6a). The invention also relates to a method for producing such a battery.

IPC 8 full level

H01M 10/052 (2010.01); **H01M 10/50** (2006.01); **H01M 50/121** (2021.01); **H01M 50/145** (2021.01)

CPC (source: EP KR US)

H01M 6/42 (2013.01 - US); **H01M 10/052** (2013.01 - KR); **H01M 10/058** (2013.01 - KR); **H01M 10/425** (2013.01 - KR US); **H01M 10/613** (2015.04 - KR); **H01M 50/105** (2021.01 - KR); **H01M 50/121** (2021.01 - EP KR US); **H01M 50/145** (2021.01 - EP KR US); **H01M 50/178** (2021.01 - KR); **H01M 50/24** (2021.01 - EP KR US); **H01M 50/46** (2021.01 - KR); **H01M 10/052** (2013.01 - EP US); **H01M 10/613** (2015.04 - EP US); **H01M 10/647** (2015.04 - KR); **H01M 10/6551** (2015.04 - KR); **H01M 10/6572** (2015.04 - KR); **H01M 2220/10** (2013.01 - KR); **H01M 2220/20** (2013.01 - KR); **Y02E 60/10** (2013.01 - EP KR); **Y02P 70/50** (2015.11 - EP KR); **Y02T 10/70** (2013.01 - KR US); **Y10T 29/4911** (2015.01 - EP US); **Y10T 29/49115** (2015.01 - EP US)

Citation (search report)

See references of WO 2012010468A1

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 102010038308 A1 20120126; CN 103003976 A 20130327; EP 2596537 A1 20130529; JP 2013535780 A 20130912; KR 20130093591 A 20130822; US 2013122330 A1 20130516; US 8968895 B2 20150303; WO 2012010468 A1 20120126

DOCDB simple family (application)

DE 102010038308 A 20100723; CN 201180036039 A 20110712; EP 11732439 A 20110712; EP 2011061877 W 20110712; JP 2013521049 A 20110712; KR 20137001652 A 20110712; US 201113810670 A 20110712