

Title (en)

THIN BATTERY HAVING IMPROVED INTERNAL RESISTANCE

Title (de)

DÜNNE BATTERIE MIT VERBESSERTEM INNENWIDERSTAND

Title (fr)

BATTERIE MINCE, À RÉSISTANCE INTÉRIEURE AMÉLIORÉE

Publication

EP 2486617 A1 20120815 (DE)

Application

EP 10760364 A 20101005

Priority

- DE 102009049562 A 20091008
- DE 102009049561 A 20091008
- EP 2010064801 W 20101005

Abstract (en)

[origin: WO2011042418A1] The invention relates to a battery having a flat positive and a flat negative electrode disposed adjacent to each other on a flat substrate, separated by a gap, and connected to each other by means of an ion-conductive electrolyte, wherein the ratio of the thickness of at least one of the two electrodes, preferably of both electrodes, to the minimum width of the gap is between 1:10 and 10:1.

IPC 8 full level

H01M 6/12 (2006.01); **H01M 6/40** (2006.01)

CPC (source: EP KR US)

H01M 6/12 (2013.01 - EP KR US); **H01M 6/40** (2013.01 - EP KR US); **H01M 4/38** (2013.01 - EP US); **H01M 4/50** (2013.01 - EP US)

Citation (search report)

See references of WO 2011042418A1

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 2011042418 A1 20110414; CN 102668202 A 20120912; EP 2486617 A1 20120815; JP 2013507727 A 20130304;
KR 20120093894 A 20120823; US 2012202100 A1 20120809

DOCDB simple family (application)

EP 2010064801 W 20101005; CN 201080055778 A 20101005; EP 10760364 A 20101005; JP 2012532565 A 20101005;
KR 20127010371 A 20101005; US 201013499812 A 20101005