

Title (en)
ELECTROCHEMICAL SINGLE CELLS FOR A BATTERY AND BATTERY

Title (de)
ELEKTROCHEMISCHE EINZELZELLE FÜR EINE BATTERIE SOWIE BATTERIE

Title (fr)
ÉLÉMENT ÉLECTROCHIMIQUE INDIVIDUEL DE BATTERIE ET BATTERIE CORRESPONDANTE

Publication
EP 2127014 A1 20091202 (DE)

Application
EP 08716037 A 20080226

Priority
• EP 2008001496 W 20080226
• DE 102007010750 A 20070227

Abstract (en)
[origin: DE102007010750B3] The electrochemical single cell (7) has an electrode stack wound around a cooling pipe and unfolded on a cooling pipe. The cooling pipe is manufactured from heat conducting material at its surface facing the electrode packet in section. The cooling pipe is formed as heat conducting bar and the heat conducting bar is a solid material made of a heat conducting metallic material. The material of heat conducting bar is aluminium and copper.

IPC 8 full level
H01M 10/50 (2006.01); **B60R 16/04** (2006.01); **H01M 6/50** (2006.01)

CPC (source: EP US)
H01M 6/5038 (2013.01 - EP US); **H01M 10/613** (2015.04 - EP US); **H01M 10/625** (2015.04 - EP US); **H01M 10/643** (2015.04 - EP US); **H01M 10/654** (2015.04 - EP US); **H01M 10/6554** (2015.04 - EP US); **H01M 10/6556** (2015.04 - EP US); **H01M 10/6568** (2015.04 - EP US); **H01M 10/663** (2015.04 - EP US); **Y02E 60/10** (2013.01 - EP); **Y02P 70/50** (2015.11 - EP)

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)
DE 102007010750 B3 20080904; CN 101627501 A 20100113; CN 101627501 B 20120208; EP 2127014 A1 20091202; JP 2010519713 A 20100603; JP 5298031 B2 20130925; US 2010279159 A1 20101104; WO 2008104359 A1 20080904

DOCDB simple family (application)
DE 102007010750 A 20070227; CN 200880006447 A 20080226; EP 08716037 A 20080226; EP 2008001496 W 20080226; JP 2009551124 A 20080226; US 52874808 A 20080226