

Title (en)  
ELECTROCHEMICAL CELL

Title (de)  
ELEKTROCHEMISCHE ZELLE

Title (fr)  
CELLULE ÉLECTROCHIMIQUE

Publication  
**EP 2467886 A1 20120627 (DE)**

Application  
**EP 10744890 A 20100817**

Priority  
• DE 102009037850 A 20090818  
• EP 2010005041 W 20100817

Abstract (en)  
[origin: WO2011020594A1] The invention relates to an electrochemical cell (1) with at least one electrode stack (4), at least one current conductor (3) that is connected to at least one electrode stack (4) and a casing (2, 10) that at least partially surrounds the electrode stack (4). At least one current conductor (3) extends from an opening (9) and partly out of the casing (2, 10) and the casing (2, 10) has a first layer (5) that is made of an electrically conductive material. In addition, at least one insulating element (6, 8) is situated in the vicinity of the opening (9) between said first layer (5) of the casing (2, 10) and the current conductor (3).

IPC 8 full level  
**H01M 10/50** (2006.01); **H01M 50/119** (2021.01); **H01M 50/121** (2021.01); **H01M 50/124** (2021.01); **H01M 50/176** (2021.01);  
**H01M 50/55** (2021.01); **H01M 50/557** (2021.01)

CPC (source: EP KR US)  
**H01M 10/613** (2015.04 - EP US); **H01M 10/625** (2015.04 - EP US); **H01M 10/647** (2015.04 - EP US); **H01M 10/653** (2015.04 - KR);  
**H01M 10/6554** (2015.04 - EP KR US); **H01M 10/6555** (2015.04 - EP US); **H01M 50/119** (2021.01 - EP US); **H01M 50/121** (2021.01 - EP KR US);  
**H01M 50/124** (2021.01 - EP KR US); **H01M 50/176** (2021.01 - EP US); **H01M 50/183** (2021.01 - KR); **H01M 50/55** (2021.01 - EP US);  
**H01M 50/557** (2021.01 - EP US); **H01M 50/131** (2021.01 - EP US); **Y02E 60/10** (2013.01 - EP KR)

Citation (search report)  
See references of WO 2011020594A1

Citation (examination)  
• EP 1043785 A1 20001011 - SONY CORP [JP]  
• EP 0942477 A2 19990915 - SAMSUNG DISPLAY DEVICES CO LTD [KR]  
• WO 2007055479 A1 20070518 - LG CHEMICAL LTD [KR]

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 102009037850 A1 20110224**; **DE 102009037850 A8 20110616**; BR 112012003532 A2 20160308; CN 102484224 A 20120530;  
EP 2467886 A1 20120627; JP 2013502675 A 20130124; KR 20120093827 A 20120823; US 2012208076 A1 20120816;  
WO 2011020594 A1 20110224

DOCDB simple family (application)  
**DE 102009037850 A 20090818**; BR 112012003532 A 20100817; CN 201080036625 A 20100817; EP 10744890 A 20100817;  
EP 2010005041 W 20100817; JP 2012525083 A 20100817; KR 20127004401 A 20100817; US 201013390546 A 20100817