

Title (en)  
INDIVIDUAL CELL FOR A BATTERY, AND A BATTERY

Title (de)  
EINZELZELLE FÜR EINE BATTERIE UND EINE BATTERIE

Title (fr)  
ÉLÉMENT UNITAIRE POUR BATTERIE ET BATTERIE

Publication  
**EP 2740177 A1 20140611 (DE)**

Application  
**EP 12737217 A 20120718**

Priority  
• DE 102011109179 A 20110802  
• EP 2012003020 W 20120718

Abstract (en)  
[origin: WO2013017203A1] The invention relates to an individual cell (1) for a battery, comprising two housing parts (2.1, 2.2), a cell frame (3), an electrode film stack (4) which is arranged between the housing parts (2.1, 2.2), and at least one insulating element (5) which is arranged between the housing parts (2.1, 2.2) and by means of which the housing parts (2.1, 2.2) are electrically separated from each other. The insulating element (5) is dimensioned such that the insulating element at least partly projects past the edge of a first housing part (2.1), thereby forming a projection (A), in the assembled state of the individual cell (1). According to the invention, the edge of the first housing part (2.1, 2.2) is at least partly enclosed by the insulating element (5).

IPC 8 full level  
**H01M 2/02** (2006.01); **H01M 10/04** (2006.01); **H01M 50/119** (2021.01)

CPC (source: CN EP US)  
**H01M 10/0413** (2013.01 - CN EP US); **H01M 10/0486** (2013.01 - CN EP US); **H01M 50/119** (2021.01 - CN EP US);  
**H01M 50/124** (2021.01 - CN EP US); **H01M 2220/20** (2013.01 - CN EP US); **Y02E 60/10** (2013.01 - EP); **Y02P 70/50** (2015.11 - EP)

Citation (search report)  
See references of WO 2013017203A1

Citation (examination)  
• JP S61163559 A 19860724 - MATSUSHITA ELECTRIC IND CO LTD  
• DE 102009060788 A1 20110630 - VARTA MICROBATTERY GMBH [DE]

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 102011109179 A1 20130207**; CN 103733410 A 20140416; EP 2740177 A1 20140611; JP 2014527262 A 20141009;  
US 2014242446 A1 20140828; WO 2013017203 A1 20130207

DOCDB simple family (application)  
**DE 102011109179 A 20110802**; CN 201280038346 A 20120718; EP 12737217 A 20120718; EP 2012003020 W 20120718;  
JP 2014523212 A 20120718; US 201214236496 A 20120718