

Title (en)

BATTERY, ESPECIALLY A FLAT CELL

Title (de)

BATTERIE, INSBESONDERE FLACHZELLE

Title (fr)

PILE, EN PARTICULIER CELLULE PLATE

Publication

**EP 1290748 A1 20030312 (DE)**

Application

**EP 01935900 A 20010607**

Priority

- CH 0100353 W 20010607
- CH 11932000 A 20000614

Abstract (en)

[origin: WO0197315A1] The invention relates to a battery, especially a flat cell, comprising an electrode consisting of lithium metal or an alloy, an electrode with an active mass which intercalates lithium ions, a separator between the two electrodes and a housing which surrounds the electrodes and the separator and which has leads for the two electrodes. At least one of the electrodes is a multi-layered body formed by folding and the layer thickness of the active mass is the same between the individual folds.

IPC 1-7

**H01M 10/04; H01M 10/40**

IPC 8 full level

**H01M 10/04** (2006.01); **H01M 10/052** (2010.01); **H01M 10/053** (2010.01); **H01M 6/10** (2006.01)

CPC (source: EP KR US)

**H01M 4/70** (2013.01 - KR); **H01M 6/103** (2013.01 - EP US); **H01M 10/052** (2013.01 - EP US); **H01M 10/053** (2013.01 - EP US);  
**H01M 4/04** (2013.01 - EP US); **H01M 6/10** (2013.01 - EP US); **Y02E 60/10** (2013.01 - EP); **Y02P 70/50** (2015.11 - EP)

Citation (search report)

See references of WO 0197315A1

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

**WO 0197315 A1 20011220**; AU 6199001 A 20011224; CA 2382099 A1 20011220; EP 1290748 A1 20030312; JP 2004503912 A 20040205;  
KR 20020042643 A 20020605; US 2003031925 A1 20030213; US 6808843 B2 20041026

DOCDB simple family (application)

**CH 0100353 W 20010607**; AU 6199001 A 20010607; CA 2382099 A 20010607; EP 01935900 A 20010607; JP 2002511414 A 20010607;  
KR 20027002110 A 20020214; US 4975702 A 20020716