

Title (en)

BATTERY COMPRISING AN ELECTROLYTE MIXING DEVICE

Title (de)

BATTERIE MIT ELEKTROLYTDURCHMISCHUNGSVORRICHTUNG

Title (fr)

BATTERIE COMPRENANT UN DISPOSITIF DE MÉLANGE D'ÉLECTROLYTE

Publication

EP 2030267 A2 20090304 (DE)

Application

EP 07722388 A 20070509

Priority

- DE 2007000834 W 20070509
- DE 102006021578 A 20060509

Abstract (en)

[origin: DE102006021578B3] The battery has flow channel plates (4a, 4b) arranged parallel to perpendicular edges of electrodes and forming left- and right sided flow channels (5a, 5b) between the plates and side walls. Discharge plates (6a, 6b) are connected with an upper end section of the plates, above an upper surface (3a) of an electrolyte (3), which exhausts upward by the discharge plates. The discharge plates have openings (7) distributed over an entire surface, where the openings are arranged with respect to size and distribution such that the electrolyte is distributed evenly on the upper surface.

IPC 8 full level

H01M 10/12 (2006.01); **H01M 10/42** (2006.01); **H01M 50/102** (2021.01); **H01M 50/60** (2021.01)

CPC (source: EP US)

H01M 10/12 (2013.01 - EP); **H01M 10/4214** (2013.01 - EP); **H01M 50/102** (2021.01 - EP US); **H01M 50/60** (2021.01 - EP US); **H01M 50/691** (2021.01 - EP); **H01M 50/70** (2021.01 - EP); **Y02E 60/10** (2013.01 - EP); **Y02P 70/50** (2015.11 - EP)

Citation (search report)

See references of WO 2007128293A2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK RS

DOCDB simple family (publication)

DE 102006021578 B3 20070927; EP 2030267 A2 20090304; WO 2007128293 A2 20071115; WO 2007128293 A3 20080214

DOCDB simple family (application)

DE 102006021578 A 20060509; DE 2007000834 W 20070509; EP 07722388 A 20070509