

Title (en)  
BATTERY BOX FOR A BLOCK BATTERY

Title (de)  
BATTERIEKASTEN EINER BLOCKBATTERIE

Title (fr)  
COFFRE DE BATTERIE D'UNE BATTERIE MONOBLOC

Publication  
**EP 3711102 A1 20200923 (DE)**

Application  
**EP 17798204 A 20171115**

Priority  
EP 2017079326 W 20171115

Abstract (en)  
[origin: WO2019096377A1] The aim of the invention is to improve a battery box (1) to the extent that, when manufactured and used in a simple manner, the performance of the battery is ensured also over a longer period of time and responses can be made to modifications to the box, to the pressures prevailing in the box, etc. This aim is achieved, according to the invention, by a battery box (1), for a block battery, for receiving at least one battery cell having an electrode plate, said battery box comprising a main body (2), which is made of plastics material and has two end walls (3), which extend substantially in parallel with the electrode plates, and two side walls (4), which extend substantially at a right angle to said end walls, the end walls and side walls each having a top edge and a bottom edge and being interconnected so as to form a corner edge (5) and the side walls (4) having on the outer faces thereof a fastening edge (6) extending at an angle to the corner edge (5).

IPC 8 full level  
**H01M 50/112** (2021.01)

CPC (source: EP US)  
**H01M 50/112** (2021.01 - EP US); **H01M 50/119** (2021.01 - US); **H01M 50/121** (2021.01 - US); **Y02E 60/10** (2013.01 - EP)

Citation (search report)  
See references of WO 2019096377A1

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

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
**DE 102018123687 A1 20190516**; **DE 102018123687 B4 20230511**; CN 111295774 A 20200616; CN 111295774 B 20221227; EP 3711102 A1 20200923; US 11322789 B2 20220503; US 2020358056 A1 20201112; WO 2019096377 A1 20190523

DOCDB simple family (application)  
**DE 102018123687 A 20180926**; CN 201780096468 A 20171115; EP 17798204 A 20171115; EP 2017079326 W 20171115; US 201716763795 A 20171115