

Title (en)

BATTERY CELL HOLDER AND BATTERY SYSTEM

Title (de)

BATTERIEZELLENHALTER SOWIE BATTERIESYSTEM

Title (fr)

SUPPORT D'ÉLÉMENT DE BATTERIE AINSI QUE SYSTÈME DE BATTERIE

Publication

**EP 3888156 A1 20211006 (DE)**

Application

**EP 19798208 A 20191029**

Priority

- DE 102018220687 A 20181130
- DE 102019211359 A 20190730
- EP 2019079546 W 20191029

Abstract (en)

[origin: WO2020108901A1] The present invention relates to a battery cell holder comprising: a housing (3) made of a non-resilient material, which is designed to receive a plurality of battery cells (7); a resilient intermediate unit (4) having a plurality of through-passages (40), wherein each through-passage is designed to receive a battery cell (7); and a preloading device (5) which is designed to exert a preload force (F1) on the resilient intermediate unit (4) such that the resilient intermediate unit (4) is elastically deformed, in order to clamp the battery cells (7).

IPC 8 full level

**H01M 10/04** (2006.01); **H01M 50/213** (2021.01); **H01M 50/264** (2021.01); **H01M 50/271** (2021.01)

CPC (source: EP KR US)

**H01M 10/0481** (2013.01 - EP US); **H01M 10/0525** (2013.01 - US); **H01M 10/613** (2015.04 - KR); **H01M 10/643** (2015.04 - KR); **H01M 50/213** (2021.01 - EP KR US); **H01M 50/242** (2021.01 - KR US); **H01M 50/264** (2021.01 - EP KR US); **H01M 50/291** (2021.01 - US); **H01M 10/6566** (2015.04 - KR); **H01M 50/271** (2021.01 - EP KR US); **Y02E 60/10** (2013.01 - EP); **Y02P 70/50** (2015.11 - EP)

Citation (search report)

See references of WO 2020108901A1

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)

**WO 2020108901 A1 20200604**; DE 102019211359 A1 20200604; EP 3888156 A1 20211006; JP 2022513663 A 20220209; JP 7157251 B2 20221019; KR 20210094053 A 20210728; US 2021313649 A1 20211007

DOCDB simple family (application)

**EP 2019079546 W 20191029**; DE 102019211359 A 20190730; EP 19798208 A 20191029; JP 2021530854 A 20191029; KR 20217020014 A 20191029; US 201917272223 A 20191029