

Title (en)  
STORAGE BATTERY MODULE

Title (de)  
AKKUMULATORMODUL

Title (fr)  
MODULE DE BATTERIE DE STOCKAGE

Publication  
**EP 4169115 A1 20230426 (DE)**

Application  
**EP 22712339 A 20220303**

Priority  
• DE 102021202163 A 20210305  
• EP 2022055478 W 20220303

Abstract (en)  
[origin: WO2022184863A1] The invention relates to a storage battery module (10) having a housing (12), a plurality of storage battery cells (14) in the housing (12), and a cover layer (20) in the housing (12) and above the storage battery cells (14), each storage battery cell (14) having at least one weak point (56); the cover layer (20) comprises at least one filter mat portion (22) which is gas-permeable over the entire surface and has a flame arresting effect over the entire surface, and the filter mat portion (22) is located over the entire surface above all the weak points (56) of the storage battery cells (14) contained in the storage battery module (10) or a filter mat portion (22) is located above each weak point (56) of the storage battery cells (14) contained in the storage battery module (10).

IPC 8 full level  
**H01M 50/271** (2021.01); **H01M 50/30** (2021.01); **H01M 50/383** (2021.01); **H01M 50/503** (2021.01)

CPC (source: EP US)  
**H01M 50/211** (2021.01 - US); **H01M 50/271** (2021.01 - EP US); **H01M 50/383** (2021.01 - EP); **H01M 50/394** (2021.01 - EP US); **H01M 50/503** (2021.01 - EP); **H01M 50/533** (2021.01 - US); **H01M 50/383** (2021.01 - US); **Y02E 60/10** (2013.01 - EP)

Citation (search report)  
See references of WO 2022184863A1

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

Designated validation state (EPC)  
KH MA MD TN

DOCDB simple family (publication)  
**DE 102021202163 A1 20220908**; EP 4169115 A1 20230426; US 2024136624 A1 20240425; US 2024234892 A9 20240711; WO 2022184863 A1 20220909

DOCDB simple family (application)  
**DE 102021202163 A 20210305**; EP 2022055478 W 20220303; EP 22712339 A 20220303; US 202218279045 A 20220303