Title (en)

MOBILE ENERGY STORAGE UNIT; METHOD FOR SHIELDING AT LEAST ONE ELECTRONICS MODULE AND/OR AT LEAST ONE BATTERY MODULE OF A MOBILE ENERGY STORAGE UNIT

Title (de)

MOBILE ENERGIESPEICHEREINHEIT; VERFAHREN ZUR ABSCHIRMUNG MINDESTENS EINES ELEKTRONIK- UND/ODER MINDESTENS EINES BATTERIEMODULS EINER MOBILEN ENERGIESPEICHEREINHEIT

Title (fr)

UNITÉ DE STOCKAGE D'ÉNERGIE MOBILE, PROCÉDÉ DE PROTECTION D'AU MOINS UN MODULE ÉLECTRONIQUE ET/OU D'AU MOINS UN MODULE DE BATTERIE D'UNE UNITÉ DE STOCKAGE D'ÉNERGIE MOBILE

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Abstract (en)

[origin: WO2022188910A1] The invention proposes a mobile energy storage unit (1) for supplying power to at least one terminal device and a method for shielding at least one electronics module and/or at least one battery module of a mobile energy storage unit (1) when liquid flows in, wherein the mobile energy storage unit (1) according to the invention has a top side (2), a bottom side (3) and an outer side (4) and an interior, which is delimited by a housing and in which at least one battery module and at least one electronics module are accommodated, at least one charging socket and at least one connection (7) for connecting a terminal device, wherein the mobile energy storage unit (1) has at least one collection channel (17) for liquids, which is accessible from the top side (2), and at least one hole, which is accessible from the bottom side (3), and at least one at least partially vertically running, continuous duct (16) is made in the interior of the mobile energy storage unit (1), the duct being connected to at least one collection channel (17) for liquids and to at least one hole which is accessible from the bottom side (3), and the mobile energy storage unit (1) has a panel (5) with an outer edge (12) and the panel (5) is a constituent part of the top side (2), wherein an opening (13) remains between the outer edge (12) of the panel (5) and other housing parts, as a result of which inflowing liquid can be discharged in a controlled and directed manner.

IPC 8 full level

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