

Title (en)

PRESSURE RELIEF DEVICE, AND BATTERY HOUSING COMPRISING SUCH A PRESSURE RELIEF DEVICE

Title (de)

DRUCKENTLASTUNGSVORRICHTUNG UND BATTERIEGEHÄUSE MIT EINER SOLCHEN

Title (fr)

DISPOSITIF DE RELÂCHEMENT DE PRESSION ET COMPARTIMENT DE BATTERIE COMPRENANT UN TEL DISPOSITIF DE RELÂCHEMENT DE PRESSION

Publication

EP 4073877 A1 20221019 (DE)

Application

EP 20838363 A 20201209

Priority

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Abstract (en)

[origin: WO2021116180A1] The invention relates to a pressure relief device for carrying out a pressure relief function for a cell-like cavity (5) which is enclosed by a battery housing (1), comprising a pressure relief cover unit (2) that is inserted or can be inserted into a housing wall (10) and opens a flow path (13) from the cavity into an outer region (4) of the housing (1) when a pressure threshold and/or temperature threshold in particular is exceeded. A reliable function is supported in that the pressure relief cover unit (2) is directly or indirectly connected to a sensor device (6) which comprises at least one sensor element (60) and which is involved or can be involved in a pressure relief monitoring process and/or the pressure relief function in particular.

IPC 8 full level

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Citation (search report)

See references of WO 2021116180A1

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