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(54) **BATTERY HOUSING, BATTERY, ELECTRICAL APPARATUS, METHOD AND DEVICE FOR MANUFACTURING BATTERY**

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(57) **ABSTRACT**

A battery housing includes an electrical cavity configured to accommodate battery cells. At least one battery cell includes a pressure relief mechanism configured to be actuated in response to internal pressure or temperature of the at least one battery cell reaching a threshold to relieve the internal pressure. The housing further includes a collection cavity configured to collect emissions from the at least one battery cell in response to the pressure relief mechanism being actuated, a separation component configured to separate the electrical cavity and the collection cavity, a partition structure configured to partition the collection cavity into a first cavity and a second cavity, and a flow channel baffle arranged in the second cavity and configured to form a flow channel for guiding the emissions. The partition structure is provided with an exhaust vent configured to guide the emissions in the first cavity into the second cavity.