

Title (en)
EMERGENCY DEGASSING DEVICE

Title (de)
NOTENTGASUNGSVORRICHTUNG

Title (fr)
DISPOSITIF DE DÉGAZAGE D'URGENCE

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Application
EP 21840961 A 20211221

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Abstract (en)
[origin: WO2022136451A1] Applicant: Konzelmann GmbH Our reference: A 30846-PCT Date: 21.12.2021 Page 23 of 23 Abstract The invention relates to an emergency degassing device (10) for equalizing an internal pressure in a receiving housing of an electrochemical or electrotechnical device, in particular for a battery housing, comprising a housing (20) which has at least one gas through-opening (27.2), wherein the gas through-opening (27.2) is closed off by means of a gas-tight, in particular air-tight, membrane (30), which is held in or on a membrane holder (27) in the housing (20), wherein there is arranged at a distance from the gas-tight membrane (30) a cutting element (27.3), which is formed and positioned in such a way that, when there is a specified deformation of the gas-tight membrane (30), the latter comes into contact with the cutting element (27.3) and is destroyed at at least one location, in order to create a flow connection between an inner side (21.2) of the emergency degassing device (10) and an outer side (21.1) of the emergency degassing device (10) through the gas through-opening (27.2). For improved protection from moisture of the receiving housing, it is provided according to the invention that in or on the housing (20) there is at least one holder (29), which is assigned at least one air passage (29.2) between the inner side (21.2) and the outer side (21.1), wherein the air passage or passages (29.2) is/are covered by means of at least one ventilating element (24) in the form of a gas-permeable membrane. (Figure 1)

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