

Title (en)

ADAPTABLE SAFETY DEVICE ON AN ELECTROCHEMICAL CELL

Title (de)

ANPASSBARE SICHERHEITSVORRICHTUNG AUF EINER ELEKTROCHEMISCHEN ZELLE

Title (fr)

DISPOSITIF DE SÉCURITÉ ADAPTABLE SUR UNE CELLULE ÉLECTROCHIMIQUE

Publication

EP 4238170 A1 20230906 (FR)

Application

EP 21794593 A 20211026

Priority

- FR 2011101 A 20201029
- EP 2021079638 W 20211026

Abstract (en)

[origin: WO2022090204A1] The invention relates to an adjustable safety device on an electrochemical cell (1), the cell comprising a container (10) in which a tube is placed, the container comprising at least a first wall provided with at least one break initiator, suitable for breaking in case of failure in order to expel gas, and a second wall for holding the tube in the container, characterized in that the safety device comprises: - a holding device for providing support against the second wall of the cell in order to hold it in position in case of thermal runaway and to retain the tube inside the container; - a gas release device for guaranteeing the expulsion of gas outside of the cell, in case of thermal runaway.

IPC 8 full level

H01M 50/342 (2021.01)

CPC (source: EP US)

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