

Title (en)

ELECTRICAL DEVICE AND POWER CUT-OFF SYSTEM COMPRISING SUCH A DEVICE

Title (de)

ELEKTRISCHE VORRICHTUNG UND ABSCHALTSYSTEM MIT EINER SOLCHEN VORRICHTUNG

Title (fr)

APPAREIL ÉLECTRIQUE, SYSTÈME ÉLECTRIQUE DE COUPURE COMPORTANT UN TEL APPAREIL

Publication

EP 4298653 A1 20240103 (FR)

Application

EP 22713867 A 20220224

Priority

- FR 2101841 A 20210225
- EP 2022054708 W 20220224

Abstract (en)

[origin: WO2022180182A1] Electrical device (10) comprising a body (30) defining a closed inner space, a first electrode (E1), a second electrode (E2) and a third electrode (E3), a free end of each electrode opening inside the inner space, the free ends of each electrode being arranged, inside the inner space, apart from one another and opposite the other electrodes, the electrical device being configured to: - prohibit the current from flowing between the first electrode and the third electrode when the electric current or the electric voltage between the first electrode and the second electrode remains below a predefined threshold value; - when the electric current or the electric voltage exceeds the threshold value, allow the current to flow between the first electrode and the third electrode.

IPC 8 full level

H01H 9/10 (2006.01); **H01H 37/54** (2006.01); **H01H 37/76** (2006.01); **H01H 39/00** (2006.01)

CPC (source: EP US)

H01H 9/106 (2013.01 - EP); **H01H 39/006** (2013.01 - EP US); **H01H 85/0241** (2013.01 - US); **H01H 37/761** (2013.01 - EP); **H01H 39/002** (2013.01 - EP); **H01H 2037/5463** (2013.01 - EP)

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

Designated validation state (EPC)

KH MA MD TN

DOCDB simple family (publication)

FR 3120155 A1 20220826; CN 116918020 A 20231020; EP 4298653 A1 20240103; US 2024136136 A1 20240425; US 2024234067 A9 20240711; WO 2022180182 A1 20220901

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