Title (en)

BREAKER DEVICE INTENDED TO BE LINKED TO AN ELECTRICAL CIRCUIT

Title (de)

SCHALTERVORRICHTUNG ZUR VERBINDUNG MIT EINEM ELEKTRISCHEN STROMKREIS

Title (fr)

DISPOSITIF DE COUPURE DESTINÉ À ÊTRE RELIÉ À UN CIRCUIT ÉLECTRIQUE

Publication

EP 3459100 B1 20200318 (FR)

Application

EP 17731196 A 20170515

Priority

- FR 1654336 A 20160516
- FR 2017051168 W 20170515

Abstract (en)

[origin: WO2017198937A1] The present invention relates to a breaker device (1) intended to be linked to an electrical circuit comprising at least one pyrotechnic initiator (3) and a body (11) in which the following are present: - a pressurization chamber (7) in communication with an output (S) of said pyrotechnic initiator (3); - at least one electrically conductive portion (8) intended to be linked to the electrical circuit; - at least one fusible element (40) linked in series with the conductive portion, the initiator being linked to the terminals of said fusible element and said fusible element being configured to be tripped when the intensity of the current flowing therethrough exceeds a predetermined value and thus to actuate the initiator; and - a movable breaker element (15), the pyrotechnic initiator being configured to cause the breaker device to transition from a first configuration allowing current to flow to a second configuration breaking the current, the movable breaker element being set in motion during the transition from the first to the second configuration in order to disconnect said conductive portion.

IPC 8 full level

H01H 39/00 (2006.01); **H01H 85/02** (2006.01)

CPC (source: EP US)

H01H 39/006 (2013.01 - EP US); **H01H 85/0241** (2013.01 - EP US); **H01H 85/10** (2013.01 - US); H01H 85/0039 (2013.01 - EP); H01H 2085/0555 (2013.01 - US)

Cited by

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DOCDB simple family (publication)

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