

Title (en)
PYROTECHNIC CIRCUIT BREAKER

Title (de)
PYROTECHNISCHER SCHUTZSCHALTER

Title (fr)
COUPE CIRCUIT PYROTECHNIQUE

Publication
EP 4186086 A1 20230531 (FR)

Application
EP 21743439 A 20210712

Priority
• FR 2007814 A 20200724
• EP 2021069262 W 20210712

Abstract (en)
[origin: WO2022017841A1] Disclosed is a pyrotechnic circuit breaker comprising: - a housing (10), - at least two connection terminals (21, 22); - an internal electrical circuit linking the two connection terminals (21, 22) and consisting, for example, of an electrical conductor; - an opening member (40) that is movable and configured, when moving between an initial position and a final position, to open a section of the internal electrical circuit intended to be opened, thus forming at least two separate conductor portions (32, 33) after opening; - a pyrotechnic actuator (50) for moving the opening member (40) from the initial position to the final position; - an internal chamber (60) receiving the section to be opened, characterised in that the internal chamber includes or contains at least one inner surface formed by a wall consisting of a plastic material including a flame retardant.

IPC 8 full level
H01H 39/00 (2006.01)

CPC (source: EP US)
H01H 39/006 (2013.01 - EP US); **H01H 9/302** (2013.01 - EP); **H01H 2039/008** (2013.01 - EP)

Citation (search report)
See references of WO 2022017841A1

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Designated extension state (EPC)
BA ME

Designated validation state (EPC)
KH MA MD TN

DOCDB simple family (publication)
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