

Title (en)  
PYROTECHNIC CIRCUIT BREAKER

Title (de)  
PYROTECHNISCHER SCHUTZSCHALTER

Title (fr)  
COUPE CIRCUIT PYROTECHNIQUE

Publication  
**EP 4176458 A1 20230510 (FR)**

Application  
**EP 21739319 A 20210701**

Priority  
• FR 2007024 A 20200702  
• EP 2021068114 W 20210701

Abstract (en)  
[origin: WO2022003080A1] A pyrotechnic circuit breaker comprising: - a housing (10), - at least two connection terminals (21, 22), - an internal electrical circuit connecting the two connection terminals (21, 22) and formed for example by an electrical conductor, - an opening member (40) which is movable and designed to open a part to be opened of the internal electrical circuit during a movement between an initial position and a final position, so as to form at least two separate conductor portions (32, 33) after opening, - a pyrotechnic actuator designed to move the opening member (40) from the initial position to the final position, - an internal chamber defined by an internal wall formed in the housing (10), and receiving the part to be opened, - an insulating grease (70) arranged in the internal chamber, characterized in that the insulating grease (70) is arranged on or covers at least two predetermined parts of the internal wall.

IPC 8 full level  
**H01H 39/00** (2006.01)

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

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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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