

Title (en)

Pyrotechnically operated electrical switch

Title (de)

Pyrotechnisch angetriebener elektrischer Schalter

Title (fr)

Contacteur électrique à fonctionnement pyrotechnique

Publication

EP 1017078 B1 20060308 (FR)

Application

EP 99403071 A 19991208

Priority

FR 9816613 A 19981230

Abstract (en)

[origin: EP1017078A1] The gas combustion pyrotechnic electrical contactor has a pyrotechnic initiator (3) driving a piston (4). The piston is inside a tube (2) with three contact electrodes (5,6,7). Prior to initiation a conductor surface (8) connects two of the contact electrodes (5,6) together. Movement of the piston following initiation provides contact between all three contacts at a given instant, providing the switch response.

IPC 8 full level

H01H 39/00 (2006.01)

CPC (source: EP US)

H01H 39/00 (2013.01 - EP US)

Cited by

FR2953322A1

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

EP 1017078 A1 20000705; EP 1017078 B1 20060308; AT E320078 T1 20060315; DE 69930233 D1 20060504; DE 69930233 T2 20061214; ES 2260896 T3 20061101; FR 2788165 A1 20000707; FR 2788165 B1 20010202; US 6344788 B1 20020205

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EP 99403071 A 19991208; AT 99403071 T 19991208; DE 69930233 T 19991208; ES 99403071 T 19991208; FR 9816613 A 19981230; US 45545299 A 19991206