

Title (en)
SELF-BLAST INTERRUPTER

Publication
EP 0308626 A3 19890809 (DE)

Application
EP 88112424 A 19880801

Priority
DE 3732137 A 19870924

Abstract (en)
[origin: EP0308626A2] Self-blasting switches, with blasting produced by the arc, have a gas storage chamber in which the expanded gas is compressed and out of which it flows back to the extinguishing path when the current is approaching the point where it passes through zero, and hence blasts the arc. In the gas storage chamber, mixing takes place between the hot and the cold insulating gas, resulting in a reduction in the extinguishing characteristics. This disadvantageous mixing of the hot and cold extinguishing gas is avoided by the insertion of an intermediate wall 8 into the gas storage chamber 7 which separates the inflowing hot extinguishing gas from the cold extinguishing gas which is to be compressed and used for the extinguishing process. <IMAGE>

IPC 1-7
H01H 33/95; **H01H 33/74**

IPC 8 full level
H01H 33/74 (2006.01); **H01H 33/95** (2006.01); **H01H 33/98** (2006.01); **H01H 33/985** (2006.01)

CPC (source: EP)
H01H 33/98 (2013.01)

Citation (search report)
• [XP] EP 0239068 A1 19870930 - ALSTHOM [FR]
• [A] FR 2576144 A1 19860718 - ALSTHOM ATLANTIQUE [FR]
• [A] DE 1102860 C
• [A] DE 2819599 A1 19791108 - LICENTIA GMBH

Cited by
DE3915700A1; FR2646961A1; CN114342028A; WO2012139916A1; EP1403891B2

Designated contracting state (EPC)
CH DE FR LI SE

DOCDB simple family (publication)
EP 0308626 A2 19890329; **EP 0308626 A3 19890809**; **EP 0308626 B1 19930310**; DE 3879059 D1 19930415

DOCDB simple family (application)
EP 88112424 A 19880801; DE 3879059 T 19880801