

Title (en)
High-voltage circuit breaker of self-blasting type

Title (de)
Hochspannungsschalter mit Selbstbeblasung

Title (fr)
Disjoncteur à haute tension à autosoufflage d'arc

Publication
EP 0821382 B1 20011114 (FR)

Application
EP 97401587 A 19970703

Priority
FR 9609212 A 19960723

Abstract (en)
[origin: EP0821382A1] The Automatic Arc Extinguisher has a fixed contact arc (5-5A) and moving assembly contact (3). There is an upper compression volume, and an upper forward area of arc extinguishing. A valve (17) controls entry and exit to the arc extinguishing area. The valve is opened and closed by fixed rods (22,22') sliding in piston openings (19). Gases passing through the forward area (14) near the contacts extinguish the arc.

IPC 1-7
H01H 33/90

IPC 8 full level
H01H 33/90 (2006.01); **H01H 33/915** (2006.01)

CPC (source: EP US)
H01H 33/901 (2013.01 - EP US); **H01H 2033/906** (2013.01 - EP US); **H01H 2033/908** (2013.01 - EP US)

Cited by
CN113690093A; EP2045827A1; FR2922043A1; US8044318B2

Designated contracting state (EPC)
CH DE ES GB IT LI SE

DOCDB simple family (publication)
EP 0821382 A1 19980128; EP 0821382 B1 20011114; CA 2210371 A1 19980123; CA 2210371 C 20000404; CN 1063279 C 20010314; CN 1175071 A 19980304; DE 69708222 D1 20011220; DE 69708222 T2 20020627; ES 2165003 T3 20020301; FR 2751782 A1 19980130; FR 2751782 B1 19980828; ID 17475 A 19980108; US 5808257 A 19980915

DOCDB simple family (application)
EP 97401587 A 19970703; CA 2210371 A 19970722; CN 97115467 A 19970722; DE 69708222 T 19970703; ES 97401587 T 19970703; FR 9609212 A 19960723; ID 972512 A 19970721; US 89812797 A 19970722