

Title (en)

Medium high voltage self-blowing circuit breaker.

Title (de)

Mittelspannungsschalter mit Selbstbebläsung.

Title (fr)

Disjoncteur à moyenne tension à autosoufflage.

Publication

**EP 0398116 A1 19901122 (FR)**

Application

**EP 90108556 A 19900507**

Priority

FR 8906199 A 19890511

Abstract (en)

A medium-voltage circuit-breaker including, inside an envelope filled with a dielectric gas, a cutoff chamber containing a stationary main contact, a moving main contact and a first volume in the vicinity of a stationary arc contact and of a moving arc contact, includes a second volume (V3) adjacent to the said first volume (V2) and associated with means (14B, 16) for placing the said first and second volumes in communication only when the value of the current to be cut off reaches, during a triggering manoeuvre, a given threshold value. Application to medium-voltage circuit-breakers. <IMAGE>

IPC 1-7

**H01H 33/98**

IPC 8 full level

**H01H 33/98** (2006.01); **H01H 33/985** (2006.01)

CPC (source: EP)

**H01H 33/98** (2013.01)

Citation (search report)

- [X] EP 0150079 A2 19850731 - SACE SPA [IT]
- [X] FR 2385212 A1 19781020 - MITSUBISHI ELECTRIC CORP [JP]
- [A] US 4253002 A 19810224 - KII MASAMI
- [A] EP 0177714 A2 19860416 - BBC BROWN BOVERI & CIE [CH]
- [A] EP 0315505 A1 19890510 - MERLIN GERIN [FR]
- [AD] BROWN BOVERI REVIEW

Designated contracting state (EPC)

AT CH DE DK ES FR GB IT LI SE

DOCDB simple family (publication)

**EP 0398116 A1 19901122**; **EP 0398116 B1 19940323**; AT E103415 T1 19940415; DE 69007531 D1 19940428; DE 69007531 T2 19940630; FR 2646960 A1 19901116; FR 2646960 B1 19931210

DOCDB simple family (application)

**EP 90108556 A 19900507**; AT 90108556 T 19900507; DE 69007531 T 19900507; FR 8906199 A 19890511