

Title (en)

Self-blasting electrical circuit breaker with a rotating arc

Title (de)

Selbstbeblasender elektrischer Lastschalter mit rotierendem Lichtbogen

Title (fr)

Disjoncteur à arc tournant et à expansion

Publication

**EP 0823721 B1 20020220 (FR)**

Application

**EP 97410075 A 19970716**

Priority

FR 9610232 A 19960809

Abstract (en)

[origin: EP0823721A1] An outer envelope (6) connects a hollow principal moving contact (3) within the chamber (1) to a parallel principal moving contact (5) outside the chamber. The insulator (7) supports the external moving contact (5) and lies above the internal fixed contact (2) which passes through its centre. A mechanism (10) controls the sequence of opening and closing the contacts. Within the chamber, the exterior diameter of the moving contact is greater than that of the fixed contact. A blower magnetic field to rotate the arc is created by a coaxial coil around the fixed contact such that the insulator lies behind the coil. The chamber is filled with sulphur VI fluoride under pressure or at atmospheric pressure.

IPC 1-7

**H01H 33/98**

IPC 8 full level

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