

Title (en)

Circuit breaker with a rotating arc and with a centrifugal effect of the extinguishing gas.

Title (de)

Lastschalter mit rotierendem Lichtbogen und mit Zentrifugal-Effekt des Löschgases.

Title (fr)

Disjoncteur à arc tournant et à effet centrifuge du gaz d'extinction.

Publication

**EP 0385886 B1 19941109 (FR)**

Application

**EP 90420078 A 19900214**

Priority

FR 8902637 A 19890227

Abstract (en)

[origin: EP0385886A1] A circuit-breaker with rotating arc comprises a pair of separable arc-contacts (22, 23), a coil (34) for setting the arc (64) into rotation, and an annular migration electrode (36). Guide fins (56) are arranged inside the cutoff chamber (26) in order to slow the rotation of the gas in a first peripheral zone (60), so as to generate a differential speed between the arc (64) and the gas (66) promoting thermal exchange in a second zone (62) neighbouring the cutoff gap. <IMAGE>

IPC 1-7

**H01H 33/98**

IPC 8 full level

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