

Title (en)

CIRCUIT INTERRUPTER WITH AN ARC ROTATED BY A PERMANENT MAGNET

Publication

**EP 0037765 B1 19840801 (FR)**

Application

**EP 81400459 A 19810324**

Priority

FR 8007904 A 19800404

Abstract (en)

[origin: CA1154481A] The invention concerns a rotating arc switch using a permanent magnet arc blow-out. The permanent magnet is housed inside the fixed contact and is thermally and electrically isolated from it by an insulating layer. The permanent magnet is placed against the annular Contact surface, very close to the breaking zone and has a cavity opposite the central opening of the annular surface. The magnetic blow-out is combined with a pneumatic blow out by escape of the warmed gases towards an expansion chamber.

IPC 1-7

**H01H 33/18**

IPC 8 full level

**H01H 33/18** (2006.01); **H01H 33/985** (2006.01)

CPC (source: EP US)

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Cited by

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