

Title (en)
Autoexpansion electric circuit breaker with insulating gas.

Title (de)
Elektrischer Autoexpansionsschalter mit Isoliergas.

Title (fr)
Disjoncteur électrique à auto-expansion et à gaz isolant.

Publication
EP 0388323 A1 19900919 (FR)

Application
EP 90420100 A 19900226

Priority
FR 8903642 A 19890317

Abstract (en)
The inside of the tubular contacts (20,24) of an autoexpansion, SF6 gas circuit-breaker comprises guide ribs (56,58) arranged so as to oppose any vortex-effect swirling gas flow between the first disconnection chamber (26) and the second expansion chamber. The presence of these ribs improves the dielectric strength of the circuit-breaker and prevents any refiring of the arc inside the contacts. <IMAGE>

IPC 1-7
H01H 33/98

IPC 8 full level
H01H 33/18 (2006.01); **H01H 33/70** (2006.01); **H01H 33/98** (2006.01); **H01H 33/985** (2006.01)

CPC (source: EP US)
H01H 33/7046 (2013.01 - EP US); **H01H 33/982** (2013.01 - EP US)

Citation (search report)
• [YD] EP 0298809 A1 19890111 - MERLIN GERIN [FR]
• [Y] EP 0075668 A2 19830406 - SPRECHER & SCHUH AG [CH]
• [A] EP 0042456 A1 19811230 - BBC BROWN BOVERI & CIE [CH]
• [A] EP 0080690 A2 19830608 - INST PRUEFFELD ELEKT [DD]
• [A] DE 1891058 U 19640416 - BBC BROWN BOVERI & CIE [CH]
• [A] DE 812088 C 19510827 - SCHOPPE & FAESER

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

DOCDB simple family (publication)
EP 0388323 A1 19900919; **EP 0388323 B1 19940601**; DE 69009253 D1 19940707; FR 2644624 A1 19900921; FR 2644624 B1 19960322; JP H02281522 A 19901119; US 5057655 A 19911015

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