

Title (en)
SELF BLAST ELECTRICAL CIRCUIT BREAKER WITH ROTATING ARC

Publication
EP 0053524 B1 19850102 (FR)

Application
EP 81401549 A 19811007

Priority
FR 8024397 A 19801117

Abstract (en)
[origin: ES8207657A1] A single pressure sulfur hexafluoride circuit breaker has ring-shaped arcing contacts fixed relative to one another and a magnetic coil electrically connected in the arcing circuit to create a magnetic field for spinning an arc between the arcing contacts. The circuit breaker includes a main circuit and a shunting circuit with stationary and movable contacts arranged so that the main contacts open before the shunting contacts and that the arc drawn between the shunting contacts upon their separation is transferred onto the arcing contacts.

IPC 1-7
H01H 33/18; **H01H 33/12**; **H01H 33/98**; **H01H 9/44**

IPC 8 full level
H01H 33/12 (2006.01); **H01H 33/18** (2006.01); **H01H 33/985** (2006.01)

CPC (source: EP US)
H01H 33/122 (2013.01 - EP US); **H01H 33/18** (2013.01 - EP US)

Cited by
EP0599742A1; FR2631735A1; FR2554631A1; EP0146424A1; EP0240406A1; FR2596915A1; EP0749139A1; FR2735277A1; CN1068963C; EP0401131A1; FR2647948A1; US5003138A; EP0101371A1; FR2531804A1; US4532392A

Designated contracting state (EPC)
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EP 0053524 A1 19820609; **EP 0053524 B1 19850102**; CA 1173088 A 19840821; CS 226039 B2 19840319; DE 3168063 D1 19850214; ES 506650 A0 19821001; ES 8207657 A1 19821001; FR 2494493 A1 19820521; FR 2494493 B1 19830826; US 4529853 A 19850716

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EP 81401549 A 19811007; CA 390185 A 19811116; CS 842881 A 19811116; DE 3168063 T 19811007; ES 506650 A 19811028; FR 8024397 A 19801117; US 31928481 A 19811109