

Title (en)
CIRCUIT INTERRUPTER

Publication
EP 0056632 A3 19830511 (EN)

Application
EP 82100264 A 19820115

Priority
JP 660581 A 19810117

Abstract (en)
[origin: EP0056632A2] A circuit interrupter includes a cylindrical container (5) having an arcuate inner wall of electrically insulating material and containing an arc extinguishing fluid. A rotary shaft (7) is provided along an axis of the container (5), at least one stationary contact (3 or 4) is provided at a predetermined position on the inner wall, and a movable contact (6) is mounted on the rotary shaft (7) in such manner as to be brought into and out of engagement with the or each stationary contact. A closing member (15) is disposed at one end of the opening movement path of the movable contact (6) and substantially closes the clearance between the inner wall and the rotary shaft (7) and, when the interrupter is opened, sweeps along the inner wall of the container (5) towards the closing member (15) to compress the arc extinguishing fluid between the two members (15, 16). The compressing member (16) has a blow outlet (18) which causes the compressed fluid to blow into the space where arcs are generated upon opening of the interrupter.

IPC 1-7
H01H 19/00; **H01H 33/88**

IPC 8 full level
H01H 33/915 (2006.01); **H01H 33/88** (2006.01)

CPC (source: EP)
H01H 33/886 (2013.01)

Citation (search report)

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Cited by
EP0518837A1; EP0199044A3

Designated contracting state (EPC)
DE FR GB

DOCDB simple family (publication)
EP 0056632 A2 19820728; **EP 0056632 A3 19830511**; JP S57119429 A 19820724

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