

Title (en)
Circuit breaker

Title (de)
Leistungsschalter

Title (fr)
Disjoncteur

Publication
EP 0766278 A3 19981104 (DE)

Application
EP 96810568 A 19960828

Priority
DE 19536673 A 19950930

Abstract (en)
[origin: EP0766278A2] The switch has a cylindrical arc extinction chamber (1) with an arc extinction zone (17) between fixed and movable contacts (4,5) and a blast volume (9) coupled to the shaft (7) of the movable contact (5) and connected via at least one flow channel (16) to an insulation jet (11). The arc extinction chamber has a first compression volume (21) coupled to the blast volume and a second compression space (23), with an auxiliary piston (22) between them, operated by the movement of the movable contact.

IPC 1-7
H01H 33/91

IPC 8 full level
H01H 33/90 (2006.01); **H01H 33/915** (2006.01)

CPC (source: EP US)
H01H 33/904 (2013.01 - EP US); **H01H 33/905** (2013.01 - EP US); **H01H 2033/907** (2013.01 - EP US)

Citation (search report)

- [XY] US 4458120 A 19840703 - KOERNER GERHARD [DE], et al
- [YA] EP 0664552 A1 19950726 - GEC ALSTHOM T & D SA [FR]
- [A] DE 9308586 U1 19931104 - SIEMENS AG [DE]
- [DA] EP 0374384 A2 19900627 - LICENTIA GMBH [DE]

Cited by
EP2343721A1; WO9912177A1; US11676785B2; WO2020011695A1

Designated contracting state (EPC)
CH DE FR IT LI SE

DOCDB simple family (publication)
EP 0766278 A2 19970402; EP 0766278 A3 19981104; DE 19536673 A1 19970403; US 5898149 A 19990427

DOCDB simple family (application)
EP 96810568 A 19960828; DE 19536673 A 19950930; US 66293996 A 19960612