

Title (en)  
Circuit breaker

Title (de)  
Leistungsschalter

Title (fr)  
Disjoncteur

Publication  
**EP 0731482 A3 19980408 (DE)**

Application  
**EP 96810091 A 19960215**

Priority  
DE 19507583 A 19950304

Abstract (en)  
[origin: EP0731482A2] The power switch includes a quenching chamber (1) filled with an insulating medium which includes at least one power current track. A moving contact piece (2) is arranged in the power current track. A fixed contact piece (3) is also provided. A blow-out coil (22) is at least partially driven by current. A blow-out volume stores the raised pressure of the insulating medium caused by the switch-off process. The blow-out coil can be completely or partially short-circuited. Components are provided to execute the short-circuiting.

IPC 1-7  
**H01H 33/18**; **H01H 33/98**

IPC 8 full level  
**H01H 9/00** (2006.01); **H01H 33/98** (2006.01); **H01H 33/985** (2006.01)

CPC (source: EP)  
**H01H 9/0066** (2013.01); **H01H 33/982** (2013.01)

Citation (search report)

- [X] EP 0240397 A1 19871007 - MERLIN GERIN [FR]
- [A] EP 0021951 A1 19810107 - MERLIN GERIN [FR]
- [A] EP 0042456 A1 19811230 - BBC BROWN BOVERI & CIE [CH]

Cited by  
WO2008055753A1

Designated contracting state (EPC)  
DE FR IT

DOCDB simple family (publication)  
**DE 19507583 A1 19960905**; EP 0731482 A2 19960911; EP 0731482 A3 19980408

DOCDB simple family (application)  
**DE 19507583 A 19950304**; EP 96810091 A 19960215