

Title (en)  
Power switch

Title (de)  
Leistungsschalter

Title (fr)  
Sectionneur de puissance

Publication  
**EP 0817228 A3 19981223 (DE)**

Application  
**EP 97810388 A 19970618**

Priority  
DE 19627098 A 19960705

Abstract (en)  
[origin: EP0817228A2] The circuit breaker switch has a contact zone that is filled with an insulation gas SF6 and has a metallic contact pin Å3Ü that normally passes through a nozzle section and into a contact bush Å8Ü. The contact region is within a cover Å5Ü and this is within an isolating cylinder Å12Ü. When the contact cylinder retracts the pin moves to break contact. A gap exists Å36Ü and in this region effective mixing of the hot and cold gases takes place.

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

IPC 8 full level  
**H01H 33/70** (2006.01); **H01H 33/90** (2006.01); **H01H 33/915** (2006.01); **H01H 33/98** (2006.01); **H01H 33/985** (2006.01)

CPC (source: EP)  
**H01H 33/703** (2013.01); **H01H 33/901** (2013.01)

Citation (search report)  
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• [A] DE 4327844 A1 19950223 - DRIESCHER SPEZIALFAB FRITZ [DE]  
• [A] DE 4103119 A1 19920806 - SIEMENS AG [DE]  
• [A] DE 4221951 A1 19940113 - SIEMENS AG [DE]

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Designated contracting state (EPC)  
AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

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