

Title (en)  
Medium or high voltage circuit-breaker

Title (de)  
Mittel- oder Hochspannungslastschalter

Title (fr)  
Disjoncteur à moyenne ou haute tension

Publication  
**EP 0678886 B1 19981216 (FR)**

Application  
**EP 95400870 A 19950419**

Priority  
FR 9404890 A 19940422

Abstract (en)  
[origin: EP0678886A1] The medium or high tension circuit breaker comprises an envelope filled with dielectric gas, and a cut-off chamber (30) containing metal plates (14) for splitting up the electric arc into a number of smaller elementary arcs under the action of a magnetic field. The chamber includes a helicoidal insulating ramp (13) wound about a central generator axis (13a). This ramp is arranged around the internal edge of the chamber about a central conducting electrode (12). The metal plates are arranged along the length of the ramp, around and spaced from the central conducting electrode. <IMAGE>

IPC 1-7  
**H01H 33/10**

IPC 8 full level  
**H01H 33/10** (2006.01); **H01H 33/18** (2006.01); **H01H 77/10** (2006.01)

CPC (source: EP US)  
**H01H 33/10** (2013.01 - EP US); **H01H 33/18** (2013.01 - EP US); **H01H 77/107** (2013.01 - EP US)

Cited by  
FR2834121A1

Designated contracting state (EPC)  
AT BE CH DE DK ES GB GR IT LI NL PT SE

DOCDB simple family (publication)  
**EP 0678886 A1 19951025; EP 0678886 B1 19981216**; AT E174721 T1 19990115; CA 2147576 A1 19951023; CA 2147576 C 19981201; DE 69506611 D1 19990128; DE 69506611 T2 19990527; DK 0678886 T3 19990823; ES 2126227 T3 19990316; FR 2719152 A1 19951027; FR 2719152 B1 19960524; GR 3029451 T3 19990528; US 5616898 A 19970401

DOCDB simple family (application)  
**EP 95400870 A 19950419**; AT 95400870 T 19950419; CA 2147576 A 19950421; DE 69506611 T 19950419; DK 95400870 T 19950419; ES 95400870 T 19950419; FR 9404890 A 19940422; GR 990400536 T 19990219; US 42068895 A 19950412