

Title (en)  
Autoexpansion circuit breaker with insulating gas

Title (de)  
Autoexpansionsschalter mit Isoliergas

Title (fr)  
Dispositif électrique à gaz isolant et à autoexpansion

Publication  
**EP 0768692 B1 20020320 (FR)**

Application  
**EP 96410100 A 19960925**

Priority  
FR 9512308 A 19951016

Abstract (en)  
[origin: EP0768692A1] The electric circuit breaker comprises a gas expansion cut-off chamber (34) enclosing separable arc contacts and an electromagnetic coil (122) for causing rotation of the arc. An insulating support arm (62) is fixed to the end of the cartridge (43) and comprises a base (108) fixed on a first internal step (110) of the cartridge (43) by screws (111). A thermal screen (114) is positioned on the base (108) to serve as a flame barrier. The excitation of the coil (122) is effected through a part of the magnetic circuit (138).

IPC 1-7  
**H01H 33/02**; **H01H 33/98**; **H01H 33/18**

IPC 8 full level  
**H01H 33/02** (2006.01); **H01H 33/98** (2006.01); **H01H 1/34** (2006.01); **H01H 1/38** (2006.01); **H01H 33/12** (2006.01)

CPC (source: EP)  
**H01H 33/02** (2013.01); **H01H 33/982** (2013.01); **H01H 1/34** (2013.01); **H01H 1/385** (2013.01); **H01H 33/122** (2013.01)

Cited by  
DE10244846A1; EP1411535A1; EP0932177A1; FR2774213A1; AU738593B2; FR2847069A1; EP0932173A1; FR2774210A1; EP0932176A1; FR2774212A1; AU735933B2; DE10243825A1; DE10243825B4; EP1398810A3

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