

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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EP 0768692 A1 19970416; **EP 0768692 B1 20020320**; CN 1074577 C 20011107; CN 1151605 A 19970611; DE 69619925 D1 20020425; EA 000021 B1 19971230; EA 199600084 A1 19970630; ES 2173263 T3 20021016; FR 2739972 A1 19970418; FR 2739972 B1 19971205; NO 314237 B1 20030217; NO 964389 D0 19961015; NO 964389 L 19970417; TR 199600815 A2 19980721; TR 199600815 A3 19980721; TW 382719 B 20000221

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