

Title (en)
GAS BLAST CIRCUIT BREAKER

Publication
EP 0015865 B1 19820120 (DE)

Application
EP 80730011 A 19800215

Priority
DE 2908982 A 19790306

Abstract (en)
[origin: US4354073A] An electric gas blast circuit breaker is disclosed which has two stationary contact pieces. A switching unit is movable between closed and open positions for electrically bridging the contact pieces in the closed position and for electrically disconnecting the contact pieces in the open position whereby an arc develops when the switching unit is moved to the open position. A gas blast device blasts a stream of gas through the arc when the switching unit is moved to the open position. The switching unit includes a supporting body and a slide-contact ring made of an arc-resistant material. The ring slideably contacts one of the contact pieces in the closed position and is mounted on the supporting body so as to be electrically insulated therefrom. A plurality of elongated contact elements are disposed in the supporting body for electrically connecting the contact pieces when the switching unit is in the closed position. There is provided an electrical connection between at least one of the contact elements and the slide-contact ring when the switching unit is in the closed position and also when it moves into the open position and continuously in all operating positions thereof.

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H01H 33/91

IPC 8 full level
H01H 33/88 (2006.01); **H01H 33/91** (2006.01); **H01H 33/915** (2006.01)

CPC (source: EP US)
H01H 33/91 (2013.01 - EP US)

Cited by
EP0665565A3

Designated contracting state (EPC)
AT CH FR GB IT NL SE

DOCDB simple family (publication)
EP 0015865 A1 19800917; EP 0015865 B1 19820120; AT E600 T1 19820215; BR 8001302 A 19801104; CA 1148593 A 19830621; DE 2908982 A1 19800918; DE 2908982 B2 19810507; DE 2908982 C3 19820128; JP S55127348 U 19800909; JP S6031142 Y2 19850918; MX 147086 A 19820930; US 4354073 A 19821012; ZA 801275 B 19810325

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EP 80730011 A 19800215; AT 80730011 T 19800215; BR 8001302 A 19800305; CA 347012 A 19800305; DE 2908982 A 19790306; JP 2939880 U 19800306; MX 18142380 A 19800304; US 12620680 A 19800303; ZA 801275 A 19800305