

Title (en)  
FLUID-BLAST CIRCUIT BREAKER

Publication  
**EP 0002685 B1 19800806 (DE)**

Application  
**EP 78101559 A 19781204**

Priority  
DE 2759267 A 19771230

Abstract (en)  
[origin: US4225762A] A gas blast circuit breaker having a movable contact, a mating contact and a nozzle aperture through which the movable contact can travel; the nozzle aperture is disposed in a wall dividing the switching chamber and the wall supports an arc during switching-off. The mating contact is arranged on a piston which is spring loaded in the opening direction and follows the movable contact at the beginning of the latter's switching-off motion. In the process, the gas located between the end faces of the piston and the mating contact facing the movable contact and the wall dividing the switching chamber is compressed until the contacts are separated, when the gas flow, under pressure, serves to cool the arc.

IPC 1-7  
**H01H 33/91**; **H01H 33/18**

IPC 8 full level  
**H01H 33/70** (2006.01); **H01H 33/18** (2006.01); **H01H 33/90** (2006.01); **H01H 33/91** (2006.01); **H01H 33/915** (2006.01)

CPC (source: EP US)  
**H01H 33/18** (2013.01 - EP US); **H01H 33/901** (2013.01 - EP US)

Citation (examination)  
• CHEMICAL ABSTRACTS, Vol. 76, 1972, Nr. 14370b, Columbus, Ohio, USA, JILEK JIRI et al. "Neurotropic basic enol ethers of the dibenzo (b,f)-thiepin series", Seite 371, linke Spalte  
• Medicinal Chemistry, Third Ed. Part I, Bunger A, New York, U.S.A. 1970, Seite 75, Part II Seiten 1410-1412, Pschyrembel, Klin. Wörterbuch, 253 Aufl, Berlin, New York 1977, S. 996-997

Cited by  
EP0041081A1; US5837953A; EP0758136A3; FR2554631A1; EP0146424A1; EP0045229B1

Designated contracting state (EPC)  
BE CH DE FR GB IT LU NL SE

DOCDB simple family (publication)  
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**EP 78101559 A 19781204**; DE 2759267 A 19771230; DE 2860124 T 19781204; DE 7740357 U 19771230; JP 15459378 A 19781212; US 97021478 A 19781218