

Title (en)
Puffer-type gas-blast circuit interrupter with a dual volume arc chamber

Title (de)
Druckgasschalter mit einer zweiteiligen Löschkammer

Title (fr)
Interrupteur à auto-soufflage avec une chambre de coupure à deux volumes

Publication
EP 1148528 B1 20040804 (FR)

Application
EP 01400975 A 20010413

Priority
FR 0005041 A 20000419

Abstract (en)
[origin: EP1148528A1] The electrical circuit breaker has a first arc contact (1) in a self extinguishing chamber with gas under pressure and a second contact arc (5) following an axial direction with respect to the first arc. There is an interior enclosure (4) with orifice input (6) to the arc area, and a second enclosure with orifice input (7). The orifice and volume enclosures are connected by extinction channels (12,13). The second contact is placed between the end of the contact arc and the permanent current contact. There is an interconnection channel (9) connected by a valve (10) allowing gas in both directions.

IPC 1-7
H01H 33/98

IPC 8 full level
H01H 33/98 (2006.01); **H01H 33/985** (2006.01)

CPC (source: EP US)
H01H 33/98 (2013.01 - EP US); **H01H 33/982** (2013.01 - EP US)

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