

Title (en)  
Pole for puffer-type electrical circuit breaker.

Title (de)  
Pol für selbstblasenden elektrischen Schalter.

Title (fr)  
PÔle d'un disjoncteur électrique à autosoufflage.

Publication  
**EP 0378950 B1 19940420 (FR)**

Application  
**EP 89420486 A 19891212**

Priority  
FR 8900581 A 19890117

Abstract (en)  
[origin: EP0378950A1] One pole of an electrical puffer-type circuit-breaker comprises a transverse partition (34) made of an injected insulating plastic which simultaneously provides for the guiding of the moving contact rod which passes through it. The injected plastic part carries an O-ring providing the sealing with the surround (10) and a one-way shutter for closing off through-orifices which is made in the transverse partition. The puffer piston integral with the moving contact rod (32) is also made of an injected plastic and it includes means for housing and snap-fitting the puffer nozzle (38) fixedly to the piston (36). A scraper seal (58) in the shape of a split segment is housed in a circumferential groove made in the injected part (40) of the piston (36). <??>Electrical connection between the moving contact rod (26) and a current-intake insert (18) is effected by a braid extending in the shape of a semi-loop in a plane transverse to the pole. <IMAGE>

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

IPC 8 full level  
**H01H 33/873** (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  
EP2325858A1; US8629366B2; WO2011060921A1

Designated contracting state (EPC)  
BE CH DE ES GB IT LI SE

DOCDB simple family (publication)  
**EP 0378950 A1 19900725; EP 0378950 B1 19940420**; AU 4934290 A 19910829; AU 626380 B2 19920730; BR 9000156 A 19901023; CA 2006033 A1 19900717; CA 2006033 C 19991102; CN 1024970 C 19940608; CN 1044361 A 19900801; DE 68914819 D1 19940526; DE 68914819 T2 19941027; ES 2055143 T3 19940816; FR 2641898 A1 19900720; FR 2641898 B1 19910315; JP 3133044 B2 20010205; JP H02227924 A 19900911; US 5095183 A 19920310; ZA 9028 B 19900926

DOCDB simple family (application)  
**EP 89420486 A 19891212**; AU 4934290 A 19900212; BR 9000156 A 19900116; CA 2006033 A 19891219; CN 90100242 A 19900116; DE 68914819 T 19891212; ES 89420486 T 19891212; FR 8900581 A 19890117; JP 604190 A 19900112; US 45792589 A 19891227; ZA 9028 A 19900103