

Title (en)
High-voltage gas-blast puffer type circuit-breaker

Title (de)
Hochspannungs-Blaskolbenschalter

Title (fr)
Disjoncteur à haute tension à auto-soufflage

Publication
EP 0807946 B1 20011212 (FR)

Application
EP 97401034 A 19970507

Priority
FR 9605912 A 19960513

Abstract (en)
[origin: EP0807946A1] The circuit-breaker has an envelope (1) preferably of porcelain filled with e.g. sulphur hexafluoride gas under pressure of several atmospheres. One arc contact (10) is part of the moving contact assembly integral with an inner tubular slider (6). The coaxial outer tube (8) carries the moving contact (11) surrounding a blowout (quenching) chamber (13) closed by a nozzle (12). A compression chamber (15) on the other side of a ring (9) is closed by an annular piston (14) sliding freely between a fixed stop (21) and one end of a helical spring (19). A ring (25) floats between a fixed washer (26) and a back-stop (28).

IPC 1-7
H01H 33/90

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

CPC (source: EP US)
H01H 33/905 (2013.01 - EP US)

Cited by
FR2892851A1; KR101332724B1; EP1152446A1; FR2808618A1; EP2045827A1; FR2922043A1; US7964816B2; US6472628B2; US8044318B2; WO2007051778A1

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EP 97401034 A 19970507; DE 69708966 T 19970507; EG 39997 A 19970510; ES 97401034 T 19970507; FR 9605912 A 19960513; PT 97401034 T 19970507; US 85325497 A 19970509