

Title (en)  
COMPRESSED-GAS CIRCUIT BREAKER

Publication  
**EP 0160853 A3 19870722 (DE)**

Application  
**EP 85104380 A 19850411**

Priority  
CH 224384 A 19840508

Abstract (en)  
[origin: EP0160853A2] 1. Compressed gas circuit-breaker having two cylindrical switch parts (2, 3) movable in relation to one another along the cylinder axis, and having, for receiving extinction gas, a heating chamber (5) coaxially surrounding the switch parts (2, 3) and extending in the axial direction longer than in the radial direction, which extinction gas is heated during a switching operation by a switch arc (11) burning between the two switch parts (2, 3), is fed via an annular gap (6) into the heating chamber (5), and is there mixed with cool extinction gas, characterized in that the heating chamber (5) is divided by a partition wall (7) arranged coaxially with respect to the switch parts (2, 3) into two chambers (8, 9) of toroidal design, of which a first (8) of the two chambers (8, 9) is connected to the annular gap (6), and a second (9) of the two chambers (8, 9) is connected via openings (10) in the partition wall (7) to the first chamber (8).

IPC 1-7  
**H01H 33/70**; **H01H 33/91**

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

CPC (source: EP)  
**H01H 33/98** (2013.01)

Citation (search report)  
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Designated contracting state (EPC)  
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DE 3574520 D1 19900104; JP H0664976 B2 19940822; JP S60243920 A 19851203

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**EP 85104380 A 19850411**; DE 3421356 A 19840608; DE 3574520 T 19850411; JP 9569485 A 19850507