

Title (en)
High-voltage power circuit breaker with a heating chamber

Title (de)
Hochspannungs-Leistungsschalter mit einem Heizraum

Title (fr)
Disjoncteur de puissance haute tension à chambre d'échauffement

Publication
EP 0664553 B1 19970514 (DE)

Application
EP 94250299 A 19941221

Priority
DE 4402123 A 19940121

Abstract (en)
[origin: EP0664553A1] A h.v. power switch has contacts (1, 2) that in the engaged position are bridged by a sliding contact (3). Formed between the hollow contacts is an arcing chamber (13). A heating chamber for extinguishing gas (4) is formed between insulating material (4, 5, 6) and an annular space (8) connects with the arcing region and a second heating space (9). This space receives the bridging contact (3) in the on state. When the switch is operated to open the contacts a piston (15) compresses gas in a chamber (14) and it is forced through to extinguish the arc formed by contact opening.

IPC 1-7
H01H 33/98; **H01H 33/70**

IPC 8 full level
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