

Title (en)
ELECTRICAL GAS-BLAST SWITCH

Title (de)
ELEKTRISCHER DRUCKGASSCHALTER

Title (fr)
DISJONCTEUR ELECTRIQUE A GAZ COMPRIME

Publication
EP 0729637 B1 19970709 (DE)

Application
EP 94931508 A 19941027

Priority
• DE 9401298 W 19941027
• DE 4339923 A 19931119

Abstract (en)
[origin: CA2176954A1] In a gas-blast switch with a compression device (14) with a compression piston (9) and a compression cylinder (8), at least one of which can be moved by the drive (7) during the cut-off process, starting from a cut-in position (16), reducing a compression space (12) delimited by them, the initial quenching gas pressure is increased in that the compression piston (9) is moved toward the compression cylinder (8) in advance. In order to take advantage of the magnetic effect of the break current, an armature (20) which can be moved by the magnetic field of a stator (26) which can be excited by the break current is provided, producing a pressure influence causing the advance movement of the compression piston (8) via a compression chamber (30).

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H01H 33/88

IPC 8 full level
H01H 33/91 (2006.01); **H01H 33/88** (2006.01); **H01H 33/915** (2006.01)

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