

Title (en)
Single-pressure switch with SF6.

Title (de)
SF6-Eindruckschalter.

Title (fr)
Interrupteur monopression à SF6.

Publication
EP 0374384 B1 19941228 (DE)

Application
EP 89117724 A 19890926

Priority
DE 3843406 A 19881223

Abstract (en)
[origin: EP0374384A2] The invention relates to improving a switch in accordance with the Main Patent P 38 10 091. In this switch, low-current arcs are blown via a compression device, it being the case that for high-current arcs a sealing element (8) seals the compression device and self-blowing takes place via a gas storage chamber (9) and a pressure chamber (3). In this switch, after the interruption of a high-current arc, hot gas of low density is present in front of the arc gap. This is disadvantageous for renewed arc blowing. Provision of cold arc-extinguishing gas is effected even in such a switching position when a valve opens upon connection and thereby creates a connection between the pressure chamber (3) and the compression compartment (11), the result being that fresh arc-extinguishing gas is sucked out of the switching chamber into the pressure chamber (3) and is available for renewed arc blowing. <IMAGE>

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H01H 33/90

IPC 8 full level
H01H 33/90 (2006.01)

CPC (source: EP)
H01H 33/901 (2013.01); **H01H 2033/908** (2013.01)

Cited by
EP3032561A1; FR2751462A1; EP1091378A1; FR2799571A1; US5898149A; EP0766278A3

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