

Title (en)

An arrangement in an SF6 insulated, high voltage on-load switch.

Title (de)

Anordnung in einem mit SF6 isolierten Hochspannungs-Lastschalter.

Title (fr)

Arrangement dans un interrupteur pour haute tension à coupure en charge à isolation de SF6.

Publication

EP 0518837 B1 19950222 (EN)

Application

EP 92850135 A 19920610

Priority

NO 912265 A 19910612

Abstract (en)

[origin: EP0518837A1] An arrangement in an SF6 gas insulated electrical high voltage on-load switch, wherein the number of rotatable switch knives (13, 14; 15, 16; 17, 18) in the switch are arranged at evenly spaced intervals, projecting from a common revolving shaft (22), there being provided on each side of each of said knives a fan blade (1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12) which is freely rotatable, with the actual switch housing serving as the rotation chamber, and that said fan blades project from and are secured to said revolving shaft at an angle relative to the rotational axis (CL) of the revolving shaft. On rotation of the revolving shaft, turbulent gas flows are created around the switch contaces (20, 21) cooperating with the knife sets in a switch housing (19) in order to extinguish the electrice arcs around these switch contacts. <IMAGE>

IPC 1-7

H01H 33/70

IPC 8 full level

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CPC (source: EP)

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Cited by

EP1006548A1; EP3961668B1

Designated contracting state (EPC)

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