

Title (en)

SWITCH WITH SULFUR HEXAFLUORIDE OPERATING IN A VERY LOW TEMPERATURE ENVIRONMENT

Publication

EP 0204180 B1 19891018 (FR)

Application

EP 86106465 A 19860513

Priority

- FR 8507437 A 19850515
- FR 8511717 A 19850731
- FR 8601771 A 19860210

Abstract (en)

[origin: US4698469A] A high pressure circuit breaker comprising a sealed enclosure (1) having a fixed assembly (10) and a moving assembly (20) disposed therein, said fixed assembly and said moving assembly each including a respective main contact and a respective arcing contact, and said enclosure being filled with gas under pressure constituted, at least in part, by sulfur hexachloride, the circuit breaker including the improvement of a fluid condenser (30) disposed outside the circuit breaker with the inside of the condenser being in communication with the inside of the enclosure via at least one first channel (31) for transferring gas between the inside of the enclosure and the condenser, and via at least one second channel (32) for transferring liquified gas from inside the condenser to the inside of the enclosure.

IPC 1-7

H01H 33/56; **H01H 33/91**

IPC 8 full level

H01H 33/88 (2006.01); **H01H 33/56** (2006.01); **H01H 33/915** (2006.01)

CPC (source: EP US)

H01H 33/562 (2013.01 - EP US)

Cited by

CN109716475A; RU2707172C1; WO2018054677A1; US10748723B2

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EP 86106465 A 19860513; BR 8602189 A 19860514; CA 509111 A 19860514; CN 86103295 A 19860515; DE 3666521 T 19860513; JP 10933886 A 19860513; US 86294186 A 19860514