

Title (en)

Medium voltage switch with three positions insulated in sulphur hexafluoride

Title (de)

Schwefelhexafluoridisolierter Mittelspannungsschalter mit drei Positionen

Title (fr)

Commutateur à moyenne tension à trois positions isolé dans de l'hexafluorure de soufre

Publication

EP 0517295 B1 19971217 (EN)

Application

EP 92201448 A 19920521

Priority

- IT MI911435 A 19910524
- IT MI911436 A 19910524
- IT MI911652 A 19910617

Abstract (en)

[origin: EP0517295A2] A medium voltage operating-isolating switch with three positions insulated in sulphur hexafluoride comprising a set of three poles, each pole comprising a fixed contact (14) and a mobile contact (26), the fixed contact carrying an associated male arcing contact (17) and the mobile contact being arranged on a pivoted arm (25) rotatable between a first closed position in engagement with the fixed contact, a second isolated position and a third earthed position. The mobile and fixed contacts of the set of three poles are arranged on three insulating base support elements (11) fixed to a single support beam (12), a relative cylinder (13) which pumps the sulphur hexafluoride into the insulating nozzle (15) being associated via an insulated lever with each of the arms carrying the mobile contacts, a metal draining element (44) being provided between each of the insulating support elements and the pumping cylinders.

IPC 1-7

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IPC 8 full level

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CPC (source: EP)

H01H 33/022 (2013.01); **H01H 33/91** (2013.01); **H01H 9/102** (2013.01); **H01H 31/003** (2013.01); **H01H 33/886** (2013.01)

Citation (examination)

- EP 0093225 A2 19831109 - FELTEN & GUILLEAUME ENERGIE [DE]
- EP 0201695 A2 19861120 - BBC BROWN BOVERI & CIE [DE]
- DE 850315 C 19520922 - FORGES ATELIERS CONST ELECTR
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