

Title (en)

High tension switch

Title (de)

Hochspannungsschalter

Title (fr)

Interrupteur à haute tension

Publication

EP 1006548 A1 20000607 (FR)

Application

EP 98870264 A 19981204

Priority

EP 98870264 A 19981204

Abstract (en)

Arc extinguishing arrangement comprises a shaft (50) carrying moving contacts (52), which rotates between contact engaging and disengaging positions. Two sets of fan blades (66, 68, 70, 72) are mounted on the shaft via the same slots (58) used to support the contact assembly, and are perpendicular to the contacts. Apertures (36) are provided in the set of blades extending from one side of the shaft which help to create turbulence in the insulating gas, e.g. SF₆ or air. An Independent claim is also included for a fan blade for mounting on the movable shaft of a circuit breaker.

Abstract (fr)

L'invention concerne un interrupteur à haute tension et plus particulièrement des pales de ventilation agencées à être utilisées dans un interrupteur à haute tension. Les pales de ventilation ont une forme et sont disposées de façon à éteindre l'arc électrique de façon efficace. <IMAGE> <IMAGE>

IPC 1-7

H01H 33/88

IPC 8 full level

H01H 33/88 (2006.01); **H01H 31/16** (2006.01)

CPC (source: EP)

H01H 33/886 (2013.01); **H01H 31/16** (2013.01)

Citation (search report)

- [A] EP 0484747 A2 19920513 - G & W ELECTRIC [US]
- [DA] EP 0518837 A1 19921216 - ABB DISTRIBUTION AS [NO]
- [A] FR 2019739 A5 19700703 - INST PRUEFFELD ELEKT

Cited by

CN115985713A; EP3961668B1

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EP 1006548 A1 20000607; **EP 1006548 B1 20060111**; AT E315831 T1 20060215; DE 69833181 D1 20060406

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