Title (en)

Hybrid-medium high voltage circuit breaker.

Title (de)

Hybrid-Mittelspannungsschalter.

Title (fr)

Disjoncteur hybride moyenne tension.

Publication

EP 0433184 A1 19910619 (FR)

Application

EP 90420498 A 19901120

Priority

FR 8916443 A 19891211

Abstract (en)

The circuit-breaker includes main contacts (26, 30) and a vacuum canister (38) in parallel which ensures disconnection, the whole being contained in an enclosure (10) filled with sulphur hexafluoride. The canister is designed for dielectric holding in this gas. The contacts of the canister (38) are of a refractory material and a coil generates an axial magnetic field in the region of the arc. <IMAGE>

Abstract (fr)

Le disjoncteur comporte des contacts principaux (26,30) et une cartouche à vide (38) en parallèle qui assure la coupure, l'ensemble étant contenu dans une enceinte (10) remplie d'hexafuorure de soufre. La cartouche est conçue pour la tenue diélectrique dans ce gaz. Les contacts de la cartouche (38) sont en un matériau réfractaire et une bobine engendre un champ magnétique axial dans la zone de l'arc. <IMAGE>

IPC 1-7

H01H 33/12; H01H 33/66; H02B 13/02

IPC 8 full level

H01H 33/66 (2006.01); **H01H 33/12** (2006.01); **H01H 33/18** (2006.01); **H01H 33/56** (2006.01); **H01H 33/664** (2006.01); **H02B 13/02** (2006.01)

CPC (source: EP US)

H01H 33/122 (2013.01 - EP US); **H01H 33/6641** (2013.01 - EP US); H01H 33/6661 (2013.01 - EP US)

Citation (search report)

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Designated contracting state (EPC)

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EP 0433184 A1 19910619; **EP 0433184 B1 19950215**; AT E118643 T1 19950315; CA 2031334 A1 19910612; CA 2031334 C 20000815; DE 69016967 D1 19950323; DE 69016967 T2 19950907; ES 2071068 T3 19950616; FR 2655766 A1 19910614; FR 2655766 B1 19930903; JP 3043399 B2 20000522; JP H03192622 A 19910822; US 5155315 A 19921013

DOCDB simple family (application)

EP 90420498 A 19901120; AT 90420498 T 19901120; CA 2031334 A 19901203; DE 69016967 T 19901120; ES 90420498 T 19901120; FR 8916443 A 19891211; JP 33691090 A 19901130; US 66816291 A 19910312