

Title (en)

Interrupting chamber for high-voltage switch with a heating chamber for extinguishing gas reception

Title (de)

Schaltkammer für einen Hochspannungsschalter mit einem Heizvolumen zur Aufnahme von Löschgas

Title (fr)

Chambre de coupure pour interrupteur haute tension avec chambre de réchauffement pour réception de gaz d'extinction

Publication

EP 1796119 A1 20070613 (DE)

Application

EP 05405688 A 20051206

Priority

EP 05405688 A 20051206

Abstract (en)

The chamber has two axially asymmetrical electric arc contacts (3, 4) that are movable relative to each other. A heating volume (7) is provided for receiving the discharge gas and is connectable with an electric arc zone (17) by a gas inlet (8) and a gas outlet (9). A return valve (22) is provided between the gas outlet and the zone, where the return valve is closable by a pressure of electric arc gases (30) in the zone. The valve comprises a ring (23) that concentrically surrounds an axle (5) and is rotatably supported in section of a channel, which connects the volume with the zone.

IPC 8 full level

H01H 33/90 (2006.01)

CPC (source: EP)

H01H 33/901 (2013.01); **H01H 2033/908** (2013.01)

Citation (applicant)

EP 0177714 B1 19911023

Citation (search report)

- [XY] US 3988554 A 19761026 - GRAF RUDOLF, et al
- [Y] GB 1352153 A 19740508 - BRITISH OXYGEN CO LTD
- [YDA] EP 1372172 A1 20031217 - ALSTOM [FR]
- [A] US 3532843 A 19701006 - PUCHER WALTER

Cited by

CN114342028A

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

EP 1796119 A1 20070613

DOCDB simple family (application)

EP 05405688 A 20051206