

Title (en)

Interrupting chamber with mobile contact having interior arc-blowing provision, HVDC bypass interruptor and HVDC-conversion substation with such a chamber

Title (de)

Schaltkammer mit beweglichem Kontakt und Lichtbogenbeblasung darin, Bypass-HVDC Leistungsschalter und Substation mit HVDC-Wandler mit einer solchen Schaltkammer

Title (fr)

Chambre de coupure de courant à contact mobile à soufflage d'arc réalisé intégralement par l'intérieur de celui-ci, interrupteur by pass HVDC et sous station de conversion HVDC comprenant une telle chambre

Publication

EP 2237300 B1 20161019 (FR)

Application

EP 10158700 A 20100331

Priority

FR 0952174 A 20090403

Abstract (en)

[origin: EP2237300A1] The chamber (1) has a tubular shaped arc blast isolating nozzle (5) extending along a longitudinal axis (XX'). A movable contact (3) includes a hollow inner tube (30) whose end is connected to a contact portion (31) of the movable contact, where arc blowing is entirely realized inside of the hollow tube along the longitudinal axis of the chamber. A neck (304) is provided in upstream of the contact portion for passage of gas. A release portion (305) is provided between the neck and the contact portion for passage of gas. An independent claim is also included a high-voltage direct-current conversion substation comprising a thyristor through which opening of a loading valve is realized.

IPC 8 full level

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CPC (source: EP)

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