

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

**H01H 33/70** (2006.01); **H01H 33/91** (2006.01)

CPC (source: EP)

**H01H 33/7046** (2013.01); **H01H 33/91** (2013.01); **H01H 2033/907** (2013.01); **H01H 2033/908** (2013.01)

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

DOCDB simple family (publication)

**EP 2237300 A1 20101006**; **EP 2237300 B1 20161019**; CN 101901722 A 20101201; CN 101901722 B 20141112; FR 2944136 A1 20101008; FR 2944136 B1 20110610

DOCDB simple family (application)

**EP 10158700 A 20100331**; CN 201010156564 A 20100402; FR 0952174 A 20090403