

Title (en)

High-tension switchgear with at least two vacuum switches connected in series for operating the high-tension switchgear

Title (de)

Hochspannungsschalgerät mit Serienschaltung von mindestens zwei Vakuumschaltkammern und Verfahren zum Betrieb des Hochspannungsschaltgerätes

Title (fr)

Appareil de commutation à haute tension avec montage en série d'au moins deux interrupteurs sous vide pour le fonctionnement de l'appareil de commutation à haute tension

Publication

**EP 1037232 B1 20060913 (DE)**

Application

**EP 00104869 A 20000307**

Priority

DE 19912022 A 19990317

Abstract (en)

[origin: EP1037232A2] High voltage switching equipment, comprises series-connected vacuum switch chambers (1, 2) of different sizes and/or contact piece designs. High voltage switching equipment comprises two or more series-connected vacuum switch chambers (1, 2) which have different physical sizes and/or contact piece designs, e.g. diameters, spacings or types, and are selected so that re-arcing and arc-backs of one chamber type are controlled by another chamber type. An Independent claim is also included for operation of the above switching equipment, by time-offset opening of the contact pieces of two or more vacuum switch chambers. Preferred Features: Quench chamber insulation may be achieved with sulfur hexafluoride (SF6), nitrogen (N2), air or other gaseous or liquid insulating material.

IPC 8 full level

**H01H 33/66** (2006.01); **H02B 13/02** (2006.01); **H01H 33/14** (2006.01); **H01H 33/666** (2006.01)

CPC (source: EP US)

**H01H 33/143** (2013.01 - EP US); **H01H 33/666** (2013.01 - EP US); **H01H 2033/566** (2013.01 - EP US)

Citation (examination)

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Cited by

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