

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)

US 3708638 A 19730102 - MITCHELL G

Cited by

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