

Title (en)

Set of disconnecting switches for a medium- and high-voltage electric substation in a metal enclosure

Title (de)

Gruppe von Wechselschaltern für elektrische Mittel- und Hochspannungsanlage unter Metallgehäuse

Title (fr)

Ensemble de sectionneurs pour poste électrique moyenne et haute tension sous enveloppe métallique

Publication

EP 2051272 B1 20101208 (FR)

Application

EP 08166442 A 20081013

Priority

FR 0758359 A 20071016

Abstract (en)

[origin: EP2051272A1] The assembly has a movable element or contact (8) including two electrically conducting parts such as tube shaped outer and rod shaped inner parts (8.1, 8.2) which are axially integrated together in direction for earthing an electrode (4). The parts are axially disintegrated from one another. The part (8.2) is displaced in another direction by releasing an elastic energy storage unit i.e. helical spring (28), which is compressed during displacement in the former direction while being electrically connected to the part (8.1) for closing an earthing disconnector earthing the electrode (2). The elastic energy storage unit is made of electrically insulating material e.g. glass fiber loaded epoxy. An independent claim is also included for a method for selecting and earthing a metal enclosed high and medium voltage distribution station.

IPC 8 full level

H01H 31/00 (2006.01)

CPC (source: EP)

H01H 31/003 (2013.01); **H01H 31/32** (2013.01)

Cited by

EP2597662A1; WO2013079354A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

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