

Title (en)

MEDIUM VOLTAGE SWITCHGEAR WITH AN ASSEMBLED POLE PART WITH INTEGRATED THREE-POSITION SWITCH

Title (de)

MITTELSPANNUNGSSCHALTEINRICHTUNG MIT MINDESTENS EINEM FLEXIBLEN ELEKTRISCHEN VERBINDUNGSELEMENT

Title (fr)

APPAREILLAGE DE COMMUTATION MOYENNE TENSION COMPRENANT AU MOINS UN ÉLÉMENT DE CONNEXION ÉLECTRIQUE FLEXIBLE

Publication

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Application

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Priority

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Abstract (en)

[origin: WO2014094806A1] The invention relates to a medium voltage switchgear with an assembled pole part with integrated three-position switch, with pole part frames made of insulating material, between which a vacuum-interrupter is mounted, wherein the vacuum interrupter is provided with a fixed contact and a moving contact, so that one end of the frame is provided with a first support in order to fix the vacuum interrupter at the moving contact side, and fixation means for the fixed contact side at the other end of the frame. In order to to implement high technical functionality during reduction of the number of separate parts at same time, and additionally to implement a lower transmission resistance into the interconnection, the electrical connection between the movable part of the vacuum interrupter and the movable part of the two- or three-position switch is a mechanically flexible conductor element, and that the insulating pole part frames are provided with guiding means for the linear movable contact part of the two- or three- position switch, which are integrated into the pole part frames or the pole part frame arrangement.

IPC 8 full level

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