

Title (en)  
CYLINDRICAL SHAPED CONTACT ELEMENT ARRANGEMENT FOR A THREE-POSITION-SWITCH IN MEDIUM OR HIGH VOLTAGE GAS INSULATED SWITCHGEARS

Title (de)  
ZYLINDRISCH GEFORMTE KONTAKTSTÜCKANORDNUNG FÜR EINEN DREIPOSITIONSSCHALTER IN MITTEL- ODER HOCHSPANNUNGSGASISOLIERTEN SCHALTANLAGEN

Title (fr)  
DISPOSITIF À ÉLÉMENT DE CONTACT DE FORME CYLINDRIQUE POUR UN COMMUTEUR À TROIS POSITIONS DANS DES DISPOSITIFS DE COMMUTATION À MOYENNE OU HAUTE TENSION À ISOLATION GAZEUSE

Publication  
**EP 3240001 A1 20171101 (EN)**

Application  
**EP 16167338 A 20160427**

Priority  
EP 16167338 A 20160427

Abstract (en)  
The invention relates to a cylindrically shaped contact element arrangement for a three-position-switch in medium or high voltage gas insulated switchgears, which provides a disconnecter switch and an earthing switch, which further consist of one movable conductor and three contacts, which are busbar contact, center contact and earth contact, with a cylindrical shaped contact element arrangement for connecting tube shaped contacts which are orientated in axial direction and with spring means for providing contact forces, and that the cylindrical shaped contact element arrangement consist of multiple identical contact elements, which are hold in cylindrical position by a support structure, according to the preamble of claim 1. In order to create a contact system with possibly low ohmic resistance, which is furthermore compact, the invention is, that spring means for providing the radially expanding contact forces, are located inside the cylindrical shape, represented by the contact elements arrangement.

IPC 8 full level  
**H01H 1/38** (2006.01); **H01H 31/32** (2006.01)

CPC (source: EP)  
**H01H 1/38** (2013.01); **H01H 31/32** (2013.01)

Citation (applicant)  
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Designated contracting state (EPC)  
AL 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 RS SE SI SK SM TR

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
**EP 3240001 A1 20171101**

DOCDB simple family (application)  
**EP 16167338 A 20160427**