

Title (en)

MEDIUM VOLTAGE SWITCHGEAR WITH FRAME AND/OR SUPPORT ELEMENT

Title (de)

MITTELSPANNUNGSSCHALTANLAGE MIT RAHMEN UND/ODER STÜTZELEMENT

Title (fr)

APPAREILLAGE DE COMMUTATION MOYENNE TENSION AVEC ÉLÉMENT DE CADRE ET/OU DE SUPPORT

Publication

EP 3345202 A1 20180711 (EN)

Application

EP 16757913 A 20160830

Priority

- EP 15183216 A 20150831
- EP 2016070425 W 20160830

Abstract (en)

[origin: EP3136415A1] The invention relates to a Medium voltage switchgear with frame, wherein a three phase arrangement of pole parts with vacuum interrupters are fixed at one end on a support or a frame element, which is arranged in a switchgear panel, wherein the open ends of the pole parts, opposite to the fixed ends of the pole parts fixed on the support or frame, are among themselves mechanically joined or connected by an additional joining and /or overlapping element, and near to the aforesaid open ends of the pole parts, one electrical terminal per pole part is placed, according to the preamble of claim 1. In order to result in the function of mechanical reinforcement coupled with the enhancement of dielectric withstand, with easy structural features, the invention is, that the joining element (1) is made of insulating material and tightly fixed among the open ends of the pole parts (2) in such, that they mechanically interconnect the pole parts and additionally increases the dielectrical withstand between the terminals of the pole parts from each other.

IPC 8 full level

H01H 33/666 (2006.01); **H01H 33/66** (2006.01)

CPC (source: EP)

H01H 33/6606 (2013.01); **H01H 33/666** (2013.01); **H01H 2033/6613** (2013.01); **H01H 2033/6665** (2013.01)

Citation (search report)

See references of WO 2017037068A1

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 3136415 A1 20170301; CN 107924785 A 20180417; CN 107924785 B 20191213; EP 3345202 A1 20180711; EP 3345202 B1 20211201; WO 2017037068 A1 20170309

DOCDB simple family (application)

EP 15183216 A 20150831; CN 201680049824 A 20160830; EP 16757913 A 20160830; EP 2016070425 W 20160830