

Title (en)

APPARATUS AND METHOD FOR SWITCHING MEDIUM AND HIGH VOLTAGES

Title (de)

VORRICHTUNG UND VERFAHREN ZUM SCHALTEN VON MITTEL- UND HOCHSPANNUNGEN

Title (fr)

DISPOSITIF ET PROCÉDÉ DE COMMUTATION DE MOYENNES ET HAUTES TENSIONS

Publication

**EP 3488457 A1 20190529 (DE)**

Application

**EP 17752395 A 20170817**

Priority

- DE 102016217759 A 20160916
- EP 2017070818 W 20170817

Abstract (en)

[origin: WO2018050390A1] The invention relates to an apparatus (1) and a method for switching medium and high voltages, comprising at least one isolating switch (2) for electrically isolating and/or connecting a current path by means of at least one isolating contact (3) having at least two contact pieces (11), wherein the at least one isolating contact (3) has two connection sides (4, 5), with in each case at least one contact piece (11) and with in each case at least one electrical connection (6, 7), and wherein a vacuum tube (8) is arranged on at least one connection side (4, 5). At least one carrier (9) is included for the at least one isolating switch (2). The at least one vacuum tube (8) is arranged in the at least one insulator (10).

IPC 8 full level

**H01H 31/00** (2006.01); **H01H 31/30** (2006.01); **H01H 33/00** (2006.01); **H01H 33/14** (2006.01); **H01H 33/666** (2006.01)

CPC (source: EP)

**H01H 31/023** (2013.01); **H01H 31/16** (2013.01); **H01H 31/30** (2013.01); **H01H 33/008** (2013.01); **H01H 33/143** (2013.01); **H01H 33/6661** (2013.01); **H01H 31/003** (2013.01)

Citation (search report)

See references of WO 2018050390A1

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)

**WO 2018050390 A1 20180322**; DE 102016217759 A1 20180322; EP 3488457 A1 20190529

DOCDB simple family (application)

**EP 2017070818 W 20170817**; DE 102016217759 A 20160916; EP 17752395 A 20170817