

Title (en)

HIGH-VOLTAGE CIRCUIT BREAKER AND METHOD FOR HOLDING A VACUUM INTERRUPTER IN THE HIGH-VOLTAGE CIRCUIT BREAKER

Title (de)

HOCHSPANNUNGSLEISTUNGSSCHALTER UND VERFAHREN ZUM HALTERN EINER VAKUUMSCHALTROHRE IN DEM HOCHSPANNUNGSLEISTUNGSSCHALTER

Title (fr)

DISJONCTEUR À HAUTE TENSION ET PROCÉDÉ DE MONTAGE D'UN TUBE INTERRUPTEUR À VIDE DANS LE DISJONCTEUR À HAUTE TENSION

Publication

EP 3698386 A1 20200826 (DE)

Application

EP 18810913 A 20181115

Priority

- DE 102017222933 A 20171215
- EP 2018081320 W 20181115

Abstract (en)

[origin: WO2019115133A1] The invention relates to a high-voltage circuit breaker (1) having a holder (2) in the form of a suspension system for a vacuum interrupter (3) and a method for holding a vacuum interrupter (3) in a column-type insulator (4) of the high-voltage circuit breaker (1). The vacuum interrupter (3) is situated in the column-type insulator (4) and is spatially fixed via the holder (2) and electrically connected to the outer terminal (5) of the high-voltage circuit breaker (1). The holder (2) comprises a hollow-cylindrical region having a wall (6) which has at least one opening (7, 8).

IPC 8 full level

H01H 33/00 (2006.01); **H01H 9/52** (2006.01); **H01H 33/24** (2006.01); **H01H 33/66** (2006.01); **H01H 33/662** (2006.01); **H01H 33/666** (2006.01)

CPC (source: EP)

H01H 9/52 (2013.01); **H01H 33/008** (2013.01); **H01H 33/662** (2013.01); **H01H 33/66207** (2013.01); **H01H 33/666** (2013.01); **H01H 33/24** (2013.01); **H01H 2009/526** (2013.01); **H01H 2033/6613** (2013.01); **H01H 2033/6665** (2013.01)

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)

DE 102017222933 A1 20190619; CN 111630619 A 20200904; CN 111630619 B 20240405; EP 3698386 A1 20200826; EP 3698386 B1 20230208; WO 2019115133 A1 20190620

DOCDB simple family (application)

DE 102017222933 A 20171215; CN 201880080359 A 20181115; EP 18810913 A 20181115; EP 2018081320 W 20181115