

Title (en)

HIGH-VOLTAGE CIRCUIT BREAKER, AND METHOD FOR MANUFACTURING A HIGH-VOLTAGE CIRCUIT BREAKER

Title (de)

HOCHSPANNUNGSLEISTUNGSSCHALTER UND VERFAHREN ZUM HERSTELLEN EINES HOCHSPANNUNGSLEISTUNGSSCHALTERS

Title (fr)

DISJONCTEUR HAUTE TENSION ET PROCÉDÉ DE FABRICATION D'UN DISJONCTEUR HAUTE TENSION

Publication

EP 4169051 A1 20230426 (DE)

Application

EP 21754743 A 20210723

Priority

- DE 102020210183 A 20200812
- EP 2021070719 W 20210723

Abstract (en)

[origin: WO2022033841A1] The invention relates to a high-voltage circuit breaker (1) and to a method for manufacturing a high-voltage circuit breaker (1), said circuit breaker comprising at least one vacuum interrupter (2) which is supported by at least one holder (3, 4) of the high-voltage circuit breaker (1). The at least one vacuum interrupter (2) is inseparably connected to the at least one holder (3, 4). The inseparable connection is established via an intermediate piece (7), in particular by electron beam welding of identical materials and/or explosive cladding and/or roll bonding of different materials.

IPC 8 full level

H01H 33/662 (2006.01); **H01H 33/666** (2006.01)

CPC (source: EP)

H01H 33/6606 (2013.01); **H01H 33/662** (2013.01); **H01H 33/666** (2013.01); **H01H 1/5833** (2013.01); **H01H 2033/6665** (2013.01)

Citation (search report)

See references of WO 2022033841A1

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

Designated validation state (EPC)

KH MA MD TN

DOCDB simple family (publication)

WO 2022033841 A1 20220217; CN 116034446 A 20230428; DE 102020210183 A1 20220217; EP 4169051 A1 20230426; JP 2023537075 A 20230830

DOCDB simple family (application)

EP 2021070719 W 20210723; CN 202180056451 A 20210723; DE 102020210183 A 20200812; EP 21754743 A 20210723; JP 2023509408 A 20210723