

Title (en)
CERAMIC INSULATOR FOR VACUUM INTERRUPTERS

Title (de)
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Title (fr)
ISOLATEUR EN CÉRAMIQUE POUR TUBES DE COMMUTATION À VIDE

Publication
EP 3469617 B1 20230104 (DE)

Application
EP 17739964 A 20170713

Priority
• DE 102016214755 A 20160809
• EP 2017067652 W 20170713

Abstract (en)
[origin: WO2018028918A1] The invention relates to a ceramic insulator (10) for vacuum interrupters (1), the ceramic insulator (10) extending along a longitudinal extent (20) and forming a cavity (15) in said longitudinal extent (20). The cavity (15) comprises a first opening (31) on a first end (30) of the longitudinal extent (20) and a second opening (33) on a second end (32) of the longitudinal extent (20), a second opening (33). The openings are designed so that they can be sealed in a gas-tight manner using appropriate connecting means (40). The sealed first opening (35) is designed to guide at least one fixed contact (38) into the cavity (15), and the sealed second opening (37) is designed to guide at least one moving contact (37) into the cavity (15). The ceramic insulator (10) comprises, on an inner face of the cavity (15), one or multiple electrically conductive discharge path interrupters (12) extending perpendicularly to the longitudinal extent (20) of the ceramic insulator (10).

IPC 8 full level
H01H 33/662 (2006.01)

CPC (source: EP US)
H01H 33/66207 (2013.01 - US); **H01H 33/66261** (2013.01 - EP US); **H01H 2033/66276** (2013.01 - EP US); **H01H 2033/66292** (2013.01 - EP US)

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

DOCDB simple family (publication)
WO 2018028918 A1 20180215; CN 109564835 A 20190402; CN 109564835 B 20210302; DE 102016214755 A1 20180215; EP 3469617 A1 20190417; EP 3469617 B1 20230104; US 10840044 B2 20201117; US 2019172667 A1 20190606

DOCDB simple family (application)
EP 2017067652 W 20170713; CN 201780048258 A 20170713; DE 102016214755 A 20160809; EP 17739964 A 20170713; US 201716324640 A 20170713