

Title (en)

SOLID DIELECTRIC VACUUM SWITCHGEAR

Title (de)

FESTKÖRPERDIELEKTRIKUM-VAKUUMSCHALTGETRIEBE

Title (fr)

APPAREILLAGE DE COMMUTATION SOUS VIDE À DIÉLECTRIQUE SOLIDE

Publication

**EP 3770938 A4 20220309 (EN)**

Application

**EP 19770731 A 20190212**

Priority

- JP 2018050985 A 20180319
- JP 2019004839 W 20190212

Abstract (en)

[origin: EP3770938A1] The present invention decreases an insulation distance between a vacuum switch and its peripheral components of equipment and improves the insulation characteristic of the vacuum switch. A solid dielectric vacuum switch includes a vacuum interrupter (1) having a fixed electrode (3a), a movable electrode (5a), a fixed conductor (3b) that is connected to the fixed electrode, and a movable conductor (5b) that is connected to the movable electrode; an insulated actuating rod (20) that is mechanically connected to the movable conductor; an actuator (30) that actuates the insulated actuating rod; and a solid insulator (21) covering the vacuum interrupter. A ground layer (23) covering an outer surface of the solid insulator is provided. A conductive shield (13) is provided within the solid insulator, the conductive shield covering around a connection portion between the movable conductor and the insulated actuating rod.

IPC 8 full level

**H01H 33/662** (2006.01); **H01H 33/66** (2006.01)

CPC (source: EP)

**H01H 33/66261** (2013.01); **H01H 2033/6623** (2013.01)

Citation (search report)

- No further relevant documents disclosed
- See references of WO 2019181271A1

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DOCDB simple family (publication)

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