

Title (en)

Compressed gas electrical breaker with arrangement for controlling the electric field

Title (de)

Druckgasschalter mit Einrichtung zur elektrischen Feldsteuerung

Title (fr)

Interrupteur à gaz comprimé équipé d'un pilotage du champ électrique

Publication

EP 1772882 A1 20070411 (DE)

Application

EP 05405576 A 20051010

Priority

EP 05405576 A 20051010

Abstract (en)

The switch (1) has a first electric arc contact (2) and a second electric arc contact (3), when the switch is switched-on the first electric arc contact stands in a contact region (8) of the second electric arc contact. To pause the switch, at least one of the arc contacts must be movable along the axis (A) of the switch. There is an insulation nozzle (6, 9) that extends in the axial direction and that surrounds the electric arc contacts and/or an electric arc discharge area between the electric arc contacts.

IPC 8 full level

H01H 33/24 (2006.01)

CPC (source: EP)

H01H 33/245 (2013.01); **H01H 33/7023** (2013.01); **H01H 33/7069** (2013.01)

Citation (search report)

- [A] US 3824360 A 19740716 - SCHRAMM H, et al
- [A] DE 880338 C 19530622 - LICENTIA GMBH

Cited by

WO2015158544A1; EP2362407A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

EP 1772882 A1 20070411; EP 1772882 B1 20081126; AT E415695 T1 20081215; DE 502005006085 D1 20090108; ES 2351844 T3 20110211

DOCDB simple family (application)

EP 05405576 A 20051010; AT 05405576 T 20051010; DE 502005006085 T 20051010; ES 02405576 T 20020708