

Title (en)

A switching device, a switchgear provided therewith, and a method of operating a switching device

Title (de)

Schaltungsvorrichtung, Schaltanlage damit und Verfahren zum Betreiben einer Schaltungsvorrichtung

Title (fr)

Dispositif de commutation, appareillage doté de celui-ci et procédé pour le fonctionnement d'un dispositif de commutation

Publication

**EP 2180490 A1 20100428 (EN)**

Application

**EP 08167610 A 20081027**

Priority

EP 08167610 A 20081027

Abstract (en)

A switching device (3) comprising an electric conductor (10), a breaker (6) connected to said conductor (10), and a switch (7), said switch (7) comprising a switch element (9,16) that is pivotable around a rotational axis to a first position in which a first end (13) thereof is electrically connected to the breaker (6) and a second end (14) thereof is electrically connected to the electric conductor (10), and to a second position in which said second end (14) thereof is disconnected from the conductor (10) and connected to a grounded element (12), wherein the switch element (9,16) is also movable to a third position in which it is disconnected from the conductor (10) and from the grounded element (12). The third position is a position in which the dielectric strength between the switch element (9,16) and the conductor (10) and grounded element (12) is higher than in any of the pivotation positions of the switch element (9,16) between the first and second position obtained solely by pivotation of said switch element (9,16).

IPC 8 full level

**H01H 31/00** (2006.01)

CPC (source: EP)

**H01H 31/003** (2013.01); **H01H 1/42** (2013.01); **H01H 31/283** (2013.01); **H01H 33/6661** (2013.01)

Citation (search report)

- [X] US 2008217153 A1 20080911 - BOTTCHER MARTIN [DE], et al
- [X] US 2004104201 A1 20040603 - SATO SHINJI [JP], et al
- [X] DE 3528770 A1 19870219 - DRIESCHER ELTECH WERK [DE]

Cited by

WO2012171569A1; WO2012171570A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA MK RS

DOCDB simple family (publication)

**EP 2180490 A1 20100428**; **EP 2180490 B1 20120808**; CN 101728112 A 20100609; CN 101728112 B 20141001

DOCDB simple family (application)

**EP 08167610 A 20081027**; CN 200910208096 A 20091027