

Title (en)

SWITCH ARRANGEMENT FOR DIRECT CURRENT OPERATION WITH AT LEAST ONE SWITCHING CHAMBER

Title (de)

SCHALTANORDNUNG FUER GLEICHSTROMBETRIEB MIT MINDESTENS EINER SCHALKAMMER

Title (fr)

Ensemble COMMUTATEUR POUR COURANT CONTINU DOTÉ D'AU MOINS UNE CHAMBRE DE COMMUTATION

Publication

**EP 2783378 A1 20141001 (DE)**

Application

**EP 12790577 A 20121126**

Priority

- EP 11190517 A 20111124
- EP 2012073646 W 20121126
- EP 12790577 A 20121126

Abstract (en)

[origin: EP2597665A1] The switch has circuit breaker chamber (41b) for single-pole operation having two contact pieces (20a,20b) with respective contact regions (21) and chamber (41a) multi-pole operation. An electrically conductive bridge circuit (30) has two contact regions (31) for establishing an electrically conductive connection between the contact regions (21,31) and for separating second contact regions from first contact regions. The bridge circuit can be moved by a contact bridge (35). A magnetic field is produced by two magnets (51a,51b) arranged outside the chambers (41b,41a).

IPC 8 full level

**H01H 9/36** (2006.01); **H01H 9/44** (2006.01); **H01H 1/20** (2006.01); **H01H 50/54** (2006.01); **H01H 71/02** (2006.01); **H01H 71/10** (2006.01)

CPC (source: EP US)

**H01H 9/36** (2013.01 - EP US); **H01H 9/443** (2013.01 - EP US); **H01H 1/20** (2013.01 - EP US); **H01H 50/546** (2013.01 - EP US); **H01H 71/0271** (2013.01 - EP US); **H01H 71/1027** (2013.01 - EP US)

Citation (search report)

See references of WO 2013076310A1

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)

**EP 2597665 A1 20130529**; EP 2783378 A1 20141001; EP 2783378 B1 20170531; US 2014284310 A1 20140925; WO 2013076310 A1 20130530

DOCDB simple family (application)

**EP 11190517 A 20111124**; EP 12790577 A 20121126; EP 2012073646 W 20121126; US 201214359915 A 20121126