

Title (en)

Switching device for low voltage electrical circuits

Title (de)

Schaltvorrichtung für Niederspannungsschaltungen

Title (fr)

Dispositif de commutation pour circuits électriques à basse tension

Publication

**EP 2447969 A1 20120502 (EN)**

Application

**EP 11184462 A 20111010**

Priority

IT BG20100056 A 20101028

Abstract (en)

A switching device for low voltage electrical circuits comprising at least one pole having an arc chute (50, 51, 100), a stationary contact (2, 6) and a corresponding moving contact (3, 7) that can be operated by a contact shaft (4) in such a manner as to move between a first position in which it is engaged with the stationary contact (2, 6) and a second position in which it is spatially distanced from the stationary contact (2, 6). The switching device comprises at least one moving device, operatively connected to and operated by said contact shaft (4) in such a manner that at least one element of the moving device moves towards the space that is created between the moving contact (3, 7) and the stationary contact (2, 6) when the moving contact (4) moves from the first position thereof towards second position thereof.

IPC 8 full level

**H01H 9/34** (2006.01); **H01H 73/18** (2006.01)

CPC (source: EP)

**H01H 9/345** (2013.01); **H01H 73/18** (2013.01)

Citation (search report)

- [X] US 2020935 A 19351112 - ELLIS JOHN D, et al
- [A] US 3992599 A 19761116 - HALBACH EDWARD A

Cited by

US9412549B2

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

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

**EP 2447969 A1 20120502**; **EP 2447969 B1 20130918**; DK 2447969 T3 20131125; ES 2437931 T3 20140115; IT BG20100056 A1 20120429

DOCDB simple family (application)

**EP 11184462 A 20111010**; DK 11184462 T 20111010; ES 11184462 T 20111010; IT BG20100056 A 20101028