

Title (en)

High voltage electrical switching device with supporting tube

Title (de)

Elektrische Hochspannungs-Schaltvorrichtung mit Stützrohr

Title (fr)

Dispositif de commutation électrique à haute tension avec tube de support

Publication

EP 2731117 A1 20140514 (EN)

Application

EP 12192469 A 20121113

Priority

EP 12192469 A 20121113

Abstract (en)

The electrical switching device (1) has at least a nominal contact arrangement, wherein the nominal contact arrangement comprises at least a first nominal contact comprising a plurality of contact fingers (3a) forming a finger cage concentric with respect to a longitudinal axis (z), and at least a mating second nominal contact (3b), wherein at least one of the nominal contacts (3a, 3b) is movable parallel to the longitudinal axis (z) and cooperates with the other nominal contact (3b, 3a) for closing and opening the electric switching device (1). The electrical switching device further comprises a supporting tube (6) fitted into the finger cage and contacting the contact fingers (3a). The supporting tube (6) carries a plurality of spacers (7), each of which extends into a gap between two adjacent contact fingers (3a).

IPC 8 full level

H01H 1/38 (2006.01)

CPC (source: EP)

H01H 1/385 (2013.01)

Citation (applicant)

EP 0844631 B1 20020213 - ABB HOCHSPANNUNGSTECHNIK AG [CH]

Citation (search report)

- [XYI] DE 2935202 A1 19810326 - LICENTIA GMBH
- [YD] EP 0844631 B1 20020213 - ABB HOCHSPANNUNGSTECHNIK AG [CH]
- [A] US 5468164 A 19951121 - DEMISSY DANIEL [CA]

Cited by

CN114709092A

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)

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