

Title (en)

Contact elements for medium to high voltage switches

Title (de)

Kontaktelemente für Mittel- bis Hochspannungsschalter

Title (fr)

Éléments de contact pour commutateurs de moyenne à haute tension

Publication

EP 2876657 A3 20150826 (EN)

Application

EP 14189463 A 20141020

Priority

- EP 13194428 A 20131126
- EP 14189463 A 20141020

Abstract (en)

[origin: EP2876657A2] A medium or high voltage switch has a first set of contact elements (13a, 13b, 13c) and a second set of contact elements (14a, 14b, 14c). Each contact element consists of an insulating carrier (15) carrying conducting elements (16). In the closed state of the switch, the conducting elements (16) align to form one or more current paths between terminals (8, 9) of the switch along an axial direction (A). For opening the switch, the contact elements are mutually displaced by means of two drives (18, 19) along a direction (D) perpendicular to the axial direction (A) with the conducting elements (16) mounted onto the contact elements by means of springloaded pins (161,162).

IPC 8 full level

H01H 1/50 (2006.01); **H01H 33/64** (2006.01)

CPC (source: CN EP)

H01H 1/502 (2013.01 - CN EP); **H01H 33/64** (2013.01 - CN EP); **H01H 2033/028** (2013.01 - CN EP)

Citation (search report)

- [YD] US 2012256711 A1 20121011 - LILJESTRAND LARS [SE], et al
- [Y] US 3310640 A 19670321 - ALEXANDER BLEIBTREU

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 2876657 A2 20150527; **EP 2876657 A3 20150826**; **EP 2876657 B1 20210707**; CN 104681330 A 20150603; CN 104681330 B 20180424

DOCDB simple family (application)

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