

Title (en)

Switch having two sets of contact elements

Title (de)

Schalter mit zwei Sätzen an Kontaktelementen

Title (fr)

Commutateur doté de deux ensembles d'éléments de contact

Publication

EP 2876659 B1 20161005 (EN)

Application

EP 13194430 A 20131126

Priority

EP 13194430 A 20131126

Abstract (en)

[origin: EP2876659A1] A medium or high DC voltage switch has a first set of contact elements (13a, 13b, 13c) and a second set of contact elements (14a, 14b, 14c) with each contact element including an insulating carrier (15) carrying conducting elements (16) aligned to form one or more current paths between terminals (8, 9) along an axial direction (A) in the closed state of the switch. For closing or opening the switch, neighboring contact elements are mutually displaced along a defined contour-guided path, using for example spacer elements (40) mounted onto the contact elements, along a direction (D) including a small displacement in the axial direction (A) such that the conducting elements can remain separated in axial direction (a) even when already overlapping in the displacement direction (D).

IPC 8 full level

H01H 33/14 (2006.01); **H01H 1/36** (2006.01); **H01H 1/50** (2006.01); **H01H 33/02** (2006.01)

CPC (source: CN EP)

H01H 1/06 (2013.01 - CN); **H01H 1/365** (2013.01 - EP); **H01H 33/14** (2013.01 - EP); **H01H 1/50** (2013.01 - EP); **H01H 2033/028** (2013.01 - EP)

Cited by

WO2017025678A1; US10354819B2; US10763060B2

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