

Title (en)
SWITCHING METHOD AND SWITCHING DEVICE

Title (de)
SCHALTVERFAHREN UND SCHALTEINRICHTUNG

Title (fr)
PROCÉDÉ DE COUPURE ET DISPOSITIF DE COUPURE

Publication
EP 2923369 B1 20170517 (DE)

Application
EP 14700818 A 20140107

Priority

- DE 102013200914 A 20130122
- EP 2014050135 W 20140107

Abstract (en)
[origin: WO2014114484A1] The invention relates to a switching method for a switching device comprising a first contact side (6) which can be moved in relation to a second contact side (7). Said first contact side (6) comprises a first nominal current contact piece (12) and a first electric arc contact piece (11) and the second contact side (7) comprises a second electric arc contact piece (13) and a second nominal current contact piece (14). In order to generate a relative movement between the first contact side (6) and the second contact side (7), the first electric arc contact piece (11) and the first nominal current contact piece (12) as well as the second electric arc contact piece (13) and the second nominal current contact piece (14) are driven. According to the invention, during a switching step, the first electric arc contact piece (11) is moved by a movement profile and the first nominal current contact piece (12) is moved by a movement profile and the movement profile of the first electric arc contact piece (11) and the first nominal current contact piece (12) deviate from each other and the second electric arc contact piece (13) is moved by a movement profile and the second nominal current contact piece (14) is moved by a movement profile, and the movement profile of the second electric arc contact piece (13) and the second nominal current contact piece (14) deviate from each other.

IPC 8 full level
H01H 33/02 (2006.01); **H01H 1/38** (2006.01); **H01H 3/42** (2006.01)

CPC (source: CN EP RU US)
H01H 33/02 (2013.01 - CN EP US); **H01H 33/025** (2013.01 - US); **H01H 33/42** (2013.01 - US); **H01H 1/385** (2013.01 - CN EP US); **H01H 3/42** (2013.01 - CN EP US); **H01H 33/02** (2013.01 - RU); **H01H 33/025** (2013.01 - RU); **H01H 33/42** (2013.01 - RU); **H01H 2033/028** (2013.01 - CN EP US)

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)
DE 102013200914 A1 20140724; AU 2014210106 A1 20150716; AU 2014210106 B2 20170316; CN 104956457 A 20150930; CN 104956457 B 20181016; EP 2923369 A1 20150930; EP 2923369 B1 20170517; RU 2015135385 A 20170303; RU 2619272 C2 20170515; US 2015364280 A1 20151217; US 9460873 B2 20161004; WO 2014114484 A1 20140731

DOCDB simple family (application)
DE 102013200914 A 20130122; AU 2014210106 A 20140107; CN 201480005651 A 20140107; EP 14700818 A 20140107; EP 2014050135 W 20140107; RU 2015135385 A 20140107; US 201414761640 A 20140107