Title (en)
SWITCH AND METHOD FOR DISCONNECTING A SWITCH

Title (de)
SCHALTER UND VERFAHREN ZUM TRENNEN EINES SCHALTERS

Title (fr)
INTERRUPTEUR ET PROCÉDÉ DE SÉPARATION DES CONTACTS D'UN INTERRUPTEUR

Publication
EP 3504726 A1 20190703 (DE)

Application
EP 17755157 A 20170817

Priority
- DE 102016115912 A 20160826
- EP 2017070855 W 20170817

Abstract (en)
[origin: WO2018036904A1] The switch (100) comprises a housing (105), a first contact arrangement (110) having a first commutation contact element (112) and a first contact (114), a second contact arrangement (120) having a second commutation contact element (122) and a second contact (124), and also a nominal contact arrangement (117, 115, 124). The first commutation contact element (112) and the second commutation contact element (122) form a snap-action connection with one another in the closed position of the commutation contact element. When the switch (100) is closed, a distance between the first contact (114) and the second contact (124) is smaller than a distance between the first commutation contact element (112) and the second commutation contact element (122) in the direction of the axis (A).

IPC 8 full level
H01H 33/40 (2006.01)

CPC (source: EP KR US)
H01H 1/385 (2013.01 - KR); **H01H 3/3052** (2013.01 - KR); **H01H 5/06** (2013.01 - KR); **H01H 31/003** (2013.01 - KR); **H01H 33/12** (2013.01 - EP KR US); **H01H 33/40** (2013.01 - EP KR US); H01H 1/385 (2013.01 - EP US); H01H 3/3052 (2013.01 - EP US); H01H 5/06 (2013.01 - EP US); H01H 31/003 (2013.01 - EP US)

Citation (search report)
See references of WO 2018036904A1

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)
WO 2018036904 A1 20180301; CN 109643619 A 20190416; CN 109643619 B 20201225; EP 3504726 A1 20190703; EP 3504726 B1 20201202; HU E052765 T2 20210528; KR 102491405 B1 20230120; KR 20190039308 A 20190410; US 10720291 B2 20200721; US 2019198272 A1 20190627

DOCDB simple family (application)
EP 2017070855 W 20170817; CN 201780052558 A 20170817; EP 17755157 A 20170817; HU E17755157 A 20170817; KR 20197008287 A 20170817; US 201916285882 A 20190226