

Title (en)
Switch, in particular window lifting switch

Title (de)
Schalter, insbesondere Fensterheberschalter

Title (fr)
Interrupteur, notamment interrupteur de lève-vitre

Publication
EP 2056318 A1 20090506 (DE)

Application
EP 08019002 A 20081030

Priority
DE 102007052655 A 20071105

Abstract (en)
The switch has a rocker switch (20) supported on a housing (10), and attached to electrical contacts (14). A button (30) is flexibly loaded, so that the button is supported on the housing in a tolerance free manner. A keypad (12) is provided with the electrical contacts, cooperates with the rocker switch, and flexibly loads the rocker switch against the button. The rocker switch comprises a long hole (22), and bearing pins (24) are engaged in the long hole and are attached to the housing. A two-point bearing comprises two supporting points between the button and the housing.

Abstract (de)
Ein Schalter, insbesondere ein Fensterheberschalter, mit einem Gehäuse (10), einer Schaltwippe (20), die im Gehäuse (10) gelagert und elektrischen Kontakten (14) zugeordnet ist, und einer Taste (30), die ebenfalls im Gehäuse (10) gelagert ist, ist dadurch gekennzeichnet, daß die Taste (30) elastisch beaufschlagt wird, so daß sie spielfrei im Gehäuse (10) gelagert ist.

IPC 8 full level
H01H 21/22 (2006.01)

CPC (source: EP KR US)
H01H 21/22 (2013.01 - EP KR US); **H01H 2021/225** (2013.01 - EP KR US); **H01H 2221/058** (2013.01 - KR); **H01H 2300/01** (2013.01 - EP KR US)

Citation (applicant)
• EP 1239497 A1 20020911 - VALEO SCHALTER & SENSOREN GMBH [DE]
• EP 0797302 A1 19970924 - DENSO CORP [JP], et al

Citation (search report)
• [XY] EP 1239497 A1 20020911 - VALEO SCHALTER & SENSOREN GMBH [DE]
• [Y] EP 0797302 A1 19970924 - DENSO CORP [JP], et al

Designated contracting state (EPC)
CZ DE ES FR GB IT

Designated extension state (EPC)
AL BA MK RS

DOCDB simple family (publication)
EP 2056318 A1 20090506; EP 2056318 B1 20110831; BR PI0804683 A2 20091208; BR PI0804683 B1 20190212; CN 101430983 A 20090513; CN 101430983 B 20120530; DE 102007052655 A1 20090507; ES 2368626 T3 20111118; JP 2009117361 A 20090528; JP 4681642 B2 20110511; KR 101021557 B1 20110316; KR 20090046717 A 20090511; MX 2008014194 A 20090527; US 2009114517 A1 20090507; US 7989724 B2 20110802

DOCDB simple family (application)
EP 08019002 A 20081030; BR PI0804683 A 20081029; CN 200810169184 A 20081104; DE 102007052655 A 20071105; ES 08019002 T 20081030; JP 2008276534 A 20081028; KR 20080109011 A 20081104; MX 2008014194 A 20081105; US 29080408 A 20081104