

Title (en)

SWITCH DEVICE IN PARTICULAR FOR A USE IN A PUSH PULL WINDOW LIFTER MECHANISM

Title (de)

SCHALTVORRICHTUNG INSBESONDERE ZUR VERWENDUNG IN EINEM DRUCK-ZUG-FENSTERHEBERMECHANISMUS

Title (fr)

DISPOSITIF DE COMMUTATION, EN PARTICULIER POUR UNE UTILISATION DANS UN MÉCANISME LÈVE-VITRE PUSH PULL

Publication

EP 3312863 A1 20180425 (EN)

Application

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Priority

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Abstract (en)

The present invention relates to a switch device (1) comprising: #c a hinge knob body (2), #c a printed circuit board (6) presenting a printed circuit and at least a first and a second rubber domes (5, 5') whose can close partially or completely a part of the printed circuit, and #c at least one plunger (4), such that a pivoting movement of the hinge knob body (2) can be transmitted to at least one of said rubber domes (5, 5'), the at least one plunger (4) comprises: #c a pushing surface (41) configured to cooperate with a protrusion (42), #c a base plate (43) configured to be in contact with said rubber domes (5, 5'), #c a lever member (44) inclined with respect to said base plate (43), to transmit a pivoting movement to the base plate (43), and #c a connection member (45) having a first end (451) and a second end (453), configured such that the hinge knob body (2) and the plunger (4) form only one piece.

IPC 8 full level

H01H 21/22 (2006.01); **H01H 23/00** (2006.01)

CPC (source: EP)

H01H 21/22 (2013.01); **H01H 23/003** (2013.01); **H01H 2021/225** (2013.01); **H01H 2215/004** (2013.01); **H01H 2300/01** (2013.01)

Citation (applicant)

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- US 7084359 B1 20060801 - KONNO SATORU [JP]

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WO2021230124A1

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

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