

Title (en)

CONTROL DEVICE GETTING PRESSING OPERATION AND SWITCH DEVICE INCLUDING THE SAME

Title (de)

STEUERVORRICHTUNG MIT DRÜCKBEDIENUNG UND SCHALTERVORRICHTUNG DAMIT

Title (fr)

DISPOSITIF DE COMMANDE COMPORTANT UNE OPÉRATION DE PRESSION ET DISPOSITIF DE COMMUTATION COMPRENANT CELUI-CI

Publication

EP 2242072 A4 20110126 (EN)

Application

EP 08872421 A 20080815

Priority

- JP 2008064627 W 20080815
- JP 2008031185 A 20080213

Abstract (en)

[origin: EP2242072A1] An object of this invention is to provide an operating device that has a simple and compact structure, restricts a return position of an operating member that receives a pushing action, and effectively reduces bounding sounds upon returning. The operating device comprises operating members (20C, 20E) for operating a switch element in response to a pushing action and a holding member (10B) for holding the operating members. Each of the operating members (20C, 20E) includes a portion being operated (22) that receives the pushing action, a pushing portion (24) that contacts with the switch element, and a portion being engaged (26) that projects from the pushing portion (24) in a direction perpendicular to the pushing action direction. The holding member (10B) has a deflectable piece (16) that includes a deflectable engaging portion (16c). The deflectable piece (16) is deflected when the operating members are inserted into the holding member and has a shape in which the engaging portion (16c) contacts with the portion being engaged (26) from a side opposite to the switch element at a position where the portion being engaged (26) passes over the deflectable piece (16).

IPC 8 full level

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Citation (search report)

- [Y] JP H03130126 U 19911226
- [Y] JP 2002231092 A 20020816 - NAGANO FUJITSU COMPONENT KK
- [Y] JP 2006059562 A 20060302 - TOKAI RIKI CO LTD
- [A] US 5670759 A 19970923 - HSU CHIEN-SHIH [TW]
- See references of WO 2009101720A1

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