

Title (en)

Push button switch device with lever

Title (de)

Schaltvorrichtung mit Druckknopf und Hebel

Title (fr)

Dispositif d'interrupteur à bouton-poussoir avec levier

Publication

EP 2006868 B1 20150506 (EN)

Application

EP 08011173 A 20080619

Priority

JP 2007162807 A 20070620

Abstract (en)

[origin: EP2006868A2] A push button switch device with a lever which can prevent occurrence of the tilting of an operating member when a lever is press-operated is provided. The push button switch device includes an operating member 7 having an operating portion 7a to which the pressing force of a lever 3 is to be applied, a movable contact 8 held by the operating member 7 and having a first elastic arm 8a and a second elastic arm 8b, and a first contact portion 8a1 and a second contact portion 8b1 formed in the elastic arms 8a and 8b, respectively, to sandwich a first contact 4, a second contact 5, and a common contact 6. The movable contact 8 has a connecting portion 8c which connects the first elastic arm 8a and the second elastic arm 8b. The first contact portion 8a1 and the second contact portion 8b1 of the movable contact 8 are distributively arranged on both sides of a position corresponding to the operating portion 7a of the operating member 7. A coil spring 9 which biases the operating member 7 is arranged on the bottom surface of the connecting portion 8c of the movable contact 8.

IPC 8 full level

H01H 13/12 (2006.01); **H01H 1/36** (2006.01); **H01H 13/18** (2006.01); **H01H 1/42** (2006.01); **H01H 13/06** (2006.01)

CPC (source: EP)

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Cited by

US9502190B2; EP4084031A1; ITRM20110052A1; EP2908325A1; DE102014006943A1; CN111520837A; US9613765B2; EP2782111A1; US2014284195A1

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