Title (en)

Switch device

Title (de)

Schalter

Title (fr)

Cummutateur

Publication

EP 1223593 A2 20020717 (EN)

Application

EP 02000806 A 20020114

Priority

JP 2001006286 A 20010115

Abstract (en)

A detection switch structure permitting a reduction in height of a switch body without sacrificing springing performance characteristics of a switching contact formed of a clip-shaped plate spring and capable of stabilizing operation by causing a manipulating lever and a movable contact consisting of a coil spring to turn around the same rotational center is to be provided. This structure is provided with a housing having an accommodating section; a common contact and a switching contact arranged along with each other on an inner bottom face of the accommodating section ; a movable contact consisting of a coil spring, having a first arm in contact with the common contact all the time and a second arm capable of coming into and going out of contact with the switching contact; a manipulating lever having an operating section and rotatably holding the second arm of the movable contact; and a cover covering the top of the housing, wherein the switching contact has a contact bent in a clip shape with which the second arm is to be in sliding contact, this contact is formed in parallel to an inner bottom face of the accommodating section, and the contact is provided with a guide, projecting above the contact, for guiding the sliding contact of the second arm. <IMAGE>

IPC 1-7

H01H 1/24

IPC 8 full level

H01H 13/18 (2006.01); **H01H 1/06** (2006.01); **H01H 1/24** (2006.01); **H01H 13/26** (2006.01); **H01H 13/28** (2006.01); **H01H 21/28** (2006.01); **H01H 21/42** (2006.01); H01H 23/16 (2006.01)

CPC (source: EP KR)

H01H 1/245 (2013.01 - EP); **H01H 13/26** (2013.01 - KR); H01H 21/28 (2013.01 - EP); H01H 23/16 (2013.01 - EP)

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Designated contracting state (EPC)

DE FI FR GB SE

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DOCDB simple family (application)

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