

Title (en)

Mechanically operated switch.

Title (de)

Mechanisch betätigter Schalter.

Title (fr)

Interrupteur actionné mécaniquement.

Publication

EP 0307364 B1 19940420 (EN)

Application

EP 88830248 A 19880531

Priority

IT 2228487 U 19870909

Abstract (en)

[origin: EP0307364A2] A switch (1) comprises a housing (2) in which at least a pair of fixed contacts (6a, 6b) and at least a movable contact (8) are located. The positioning of the movable contact (8) is controlled by a cam element (12) pivoted to the housing (2) and movable from one working position in which the fixed contacts (6a, 6b) are electrically connected to each other, to a second working position in which a lifting arm (17) of the cam element (12) separates the movable contact (8) from one of the fixed contacts (6b). A thrust element (21) oscillatably pivoted to an operation key (11) selectively acts, in cooperation with a release spring (14) associated with the cam element (12), on locating seats (18a, 18b) provided in said cam element, to bring the latter from its first to its second working positions and viceversa upon operation of the key (11).

IPC 1-7

H01H 13/60; **H01H 9/16**

IPC 8 full level

H01H 13/52 (2006.01); **H01H 13/12** (2006.01); **H01H 13/60** (2006.01); **H01H 13/64** (2006.01); **H01H 11/00** (2006.01)

CPC (source: EP)

H01H 13/60 (2013.01); **H01H 11/0006** (2013.01)

Cited by

EA011057B1; CN114521280A; ITRM20120544A1; EP3726551A1; CN111834141A; US11404229B2; WO2006106554A1; WO2014073011A1

Designated contracting state (EPC)

DE ES FR GB

DOCDB simple family (publication)

EP 0307364 A2 19890315; **EP 0307364 A3 19900905**; **EP 0307364 B1 19940420**; DE 3889179 D1 19940526; IT 211825 Z2 19890525; IT 8722284 V0 19870909; JP S6472432 A 19890317

DOCDB simple family (application)

EP 88830248 A 19880531; DE 3889179 T 19880531; IT 2228487 U 19870909; JP 14490488 A 19880614