

Title (en)

Electric snap-action switch particularly micro switch

Title (de)

Elektrischer Schnappschalter, insbesondere Mikroschalter

Title (fr)

Interrupteur à rupture brusque en particulier interrupteur miniature

Publication

EP 0399419 B1 19960626 (DE)

Application

EP 90109559 A 19900519

Priority

- DE 3916763 A 19890523
- DE 9004499 U 19900420

Abstract (en)

[origin: EP0399419A2] The electrical snap-action switch, particularly a microswitch, has a switching rocker arm 20, loaded by a spring 30, with which the switching positions can be achieved. In order to increase the switching positions, the switching rocker arm 20 has two pivoting shafts 26, 27, arranged at a distance from one another, on its one end. In this case, in the one pivoting direction the switching rocker arm 20 is movable about the one pivoting shaft 26 while, in the other switching direction, the switching rocker arm 20 is movable about the other pivoting shaft 27. According to the invention, the switching spring is located in terms of its region between two projections 56 of the operating element 34, during its movement, the switching spring and hence the switching rocker arm being moved out of their centre position. The switching rocker arm is reset automatically when the operating element is released, by means of the tensioned switching spring. <IMAGE>

IPC 1-7

H01H 5/06; H01H 5/08; H01H 13/28

IPC 8 full level

H01H 5/06 (2006.01); **H01H 5/08** (2006.01); **H01H 9/04** (2006.01); **H01H 13/28** (2006.01); **H01H 19/62** (2006.01); **H01H 23/28** (2006.01)

CPC (source: EP)

H01H 5/06 (2013.01); **H01H 9/04** (2013.01); **H01H 19/62** (2013.01); **H01H 23/28** (2013.01)

Cited by

EP1555681A1; DE19854171C1; CN108320977A; FR3063830A1; CN110392916A; WO2018162813A1

Designated contracting state (EPC)

CH DE ES FR GB IT LI SE

DOCDB simple family (publication)

EP 0399419 A2 19901128; **EP 0399419 A3 19910911**; **EP 0399419 B1 19960626**; DE 59010388 D1 19960801

DOCDB simple family (application)

EP 90109559 A 19900519; DE 59010388 T 19900519