

Title (en)

SNAP-ACTION SWITCH AND PROCESS FOR ITS PRODUCTION

Publication

EP 0048302 B1 19841219 (DE)

Application

EP 80105744 A 19800924

Priority

- EP 80105744 A 19800924
- DE 2937309 A 19790914
- US 21494980 A 19801210

Abstract (en)

[origin: EP0048302A1] 1. A snap switch (10) comprising - a snap spring (12) mounted to a spring support (24) and, at a distance to the latter, carrying at least one switch contact, - at least one contact (28, 30) stationary with respect to the spring support (24), against which contact the switch contact (32) rests in a switch position of the snap spring (12), - a guide (60) pivotally supported in the proximity of the spring support (24) and being connected with the snap spring (12), at a distance to the point of mounting of the latter, and to the switch contact (32), and having a point of attack (68) for an actuating force P, - at least one pre-tension spring acting on the guide (60) and tending to maintain said guide with pre-tension in an abutment position, and - an adjustment member (52) by which the pre-tension of the pre-tension spring may be adjusted characterized in that the pre-tension spring is a leaf spring (56) secured on the one hand to the guide (60) and on the other hand to a lever (50) mounted in the proximity of the spring support (24) in a stationary bearing (44) and adapted to be pivotally adjusted by means of the adjustment member (52).

IPC 1-7

H01H 5/18; **H01H 11/00**

IPC 8 full level

H01H 5/18 (2006.01); **H01H 11/00** (2006.01)

CPC (source: EP US)

H01H 5/18 (2013.01 - EP US); **H01H 11/00** (2013.01 - EP US)

Citation (examination)

- EP 0026449 A1 19810408 - ZANGENSTEIN ELEKTRO [DE]
- US 2374986 A 19450501 - FETTER NORMAN C
- DE 1939186 U 19660526 - PATINVEST PATENT UND INVEST A [CH]

Cited by

US5079806A; DE3623200A1

Designated contracting state (EPC)

AT BE CH FR GB IT LI NL SE

DOCDB simple family (publication)

EP 0048302 A1 19820331; **EP 0048302 B1 19841219**; AT E10885 T1 19850115; DE 2937309 A1 19810402; US 4365123 A 19821221

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