

Title (en)
TUMBLER SWITCH

Publication
EP 0130861 B1 19870318 (FR)

Application
EP 84401057 A 19840523

Priority
FR 8308601 A 19830525

Abstract (en)
[origin: EP0130861A1] 1. A switch comprising, in a case (1) carrying the terminals (6, 7), an operating lever (3) pivoting about a central pin (4) between two extreme working positions, a movable contact (12) pivoting about a second pin (11) situated below the first and having a central arm (14) substantially aligned with the direction of said two pins when the movable contact is in an intermediate position, and a helical spring (20) applying a thrust to the free end of said central arm (14), said spring (20) being substantially aligned with said central arm in the direction joining said two pins when the movable contact and the operating lever are in an intermediate position, characterised in that said spring (20) is guided in the operating lever (3) in a bore (17) in this, with a slight clearance only permitting a very limited lateral deflection of the spring (20), and in that the end of the central arm (14) of the movable contact (12) has an extension (15) penetrating into the last turn of the spring (20) with sufficient play to allow the central arm to adopt the one or the other of the extreme positions in which it forms an angle with the longitudinal direction of the spring (20) without causing appreciable deformation of the end of the spring.

IPC 1-7
H01H 23/12

IPC 8 full level
H01H 23/12 (2006.01); **H01H 23/20** (2006.01)

CPC (source: EP)
H01H 23/205 (2013.01)

Designated contracting state (EPC)
AT BE CH DE GB IT LI LU NL SE

DOCDB simple family (publication)
EP 0130861 A1 19850109; EP 0130861 B1 19870318; AT E26042 T1 19870415; DE 3462728 D1 19870423; ES 285845 U 19860301; FR 2546661 A1 19841130; FR 2546661 B1 19860221

DOCDB simple family (application)
EP 84401057 A 19840523; AT 84401057 T 19840523; DE 3462728 T 19840523; ES 285845 U 19830922; FR 8308601 A 19830525