

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)

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