

Title (en)

Balanced slider, vibration and shock resistant, for movable contacts of auxiliary thermal switches and the like

Title (de)

Ausbalanzierter Schieber, Erschütterungs- und Stossresistent, für bewegliche Kontakten von thermischen Hilfschaltern und dergleichen

Title (fr)

Curseur équilibré, résistant aux vibrations et aux chocs, pour contacts mobiles d'interrupteurs thermiques auxiliaires et semblables

Publication

**EP 0817220 B1 20031217 (EN)**

Application

**EP 97201911 A 19970621**

Priority

IT MI960471 U 19960701

Abstract (en)

[origin: EP0817220A1] A balanced slider (60) comprises a movable equipment (62) rotating about a shaft (72) and provided with two movable contact arms (65, 66) cooperating with corresponding fixed contact arms (67, 68), the rotating movable equipment (62) being actuated by a snapping mechanism essentially comprised of a rigid tang (20) resting at a first end on a cantilever protrusion (24) of an anchoring bracket (12) and operating between two each other opposed reliefs (58, 59) integral with the movable equipment (62) and held in position by a spring (16) connected at a side to the rigid tang (20) and at the opposed side to a prolonging protrusion (18) of the supporting bracket (12) itself. To cause the snapping of the above mentioned mechanism, an intermediate point of the spring (16) is actuated by a force (42) directed essentially perpendicular with respect to a longitudinal axis of the spring (16) itself. <IMAGE>

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IPC 8 full level

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