

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

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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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