

Title (en)

Electrical switch or key switch with two actuating large area rockers.

Title (de)

Elektrischer Schalter oder Taster mit zwei grossflächigen Betätigungswippen.

Title (fr)

Commutateur électrique ou bouton poussoir contenant deux bascules à grande surface.

Publication

**EP 0122465 A2 19841024 (DE)**

Application

**EP 84102791 A 19840314**

Priority

DE 3309593 A 19830317

Abstract (en)

1. Electric switch or button (3), which has, in a housing with lower housing part (1) and housing cover (2), a switching device (12) with two switching rockers (5), which are connected to two large-area operating rockers (3), as well as with a diaphragm (4), which is inserted between lower housing part (1) and housing cover (2), spans continuously the inner space of the lower housing part (1) on which an inner region (4.3), projecting in the shape of a shroud over the two switching rockers (5) of the switching device (12) is made thinner than an outer region (4.2), clamped between the contact areas of the lower housing part (1) and the housing cover (2), characterized in that lugs (6) are plugged onto the switching rockers (5) by means of catches (7), in that the inner region (4.3) of the diaphragm (4) is made flexible and is an uninterrupted surface which for its part has protuberances (4.5) adapted to the outer contour of the lugs (6), and in that pairs of opposite springing-back catch arms (8) are formed on the operating rockers (3) in the middle region of the underside facing the switching device (12), by means of which arms the operating rockers (3) are clipped onto the lugs (6) at the same time as the protuberances (4.5) of the diaphragm (4) are held clamped in between.

Abstract (de)

Bei der vorgeschlagenen wasserdichten Ausführung des Schaltgerätes (12) ist eine geschlossene Dichtungsmembrane (4) zwischen einem Gehäusedeckel (2) mit zwei Betätigungswippen (3) und einem Gehäuse (1) mit eingesetztem Schaltgerät (12) vorgesehen. Auf Schalterwippen (5) des Schaltgerätes (12) sind Zapfen (6) aufgerastet, die von der Membrane (4) mit abgedeckt sind. Die Betätigungswippen (3) weisen im Mittenbereich federnde Stege (8) auf, mit denen sie auf die abgedeckten Zapfen (6) aufgesteckt sind. Mit einer gabelförmigen Lagerung (10) an ihrer Außenwand (11) sind die Betätigungswippen auf Lagerzapfen (13) am Gehäusedeckel (2) gelagert.

IPC 1-7

**H01H 23/06**

IPC 8 full level

**H01H 23/06** (2006.01)

CPC (source: EP)

**H01H 23/065** (2013.01)

Cited by

EP2302655A3; CN107068467A; EP0729164A3; GB2240879A; GB2213649A; GB2213649B; CN108335938A; DE102008034046B4; EP0508320A3; EP0217760A3; GB2325087A; GB2325088A; GB2325088B; AU726122B2; EP4102337A1; CN115469710A; US8541706B2; EP2632004A1; US11789486B2; EP2632002A1

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**EP 0122465 A2 19841024; EP 0122465 A3 19850417; EP 0122465 B1 19881109;** AT E38583 T1 19881115; DE 3309593 A1 19840920; DE 3475133 D1 19881215; DK 159745 B 19901126; DK 159745 C 19910429; DK 55684 A 19840918; DK 55684 D0 19840208; FI 841021 A0 19840314; FI 841021 A 19840918; NO 163119 B 19891227; NO 163119 C 19900404; NO 841034 L 19840918

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