

Title (en)
MECHANICALLY LOCKABLE HAND SWITCH

Title (de)
MECHANISCH SPERRBARER HANDSCHALTER

Title (fr)
INTERRUPTEUR MANUEL À BLOCAGE MÉCANIQUE

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Application
EP 12772775 A 20121010

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• EP 2012070069 W 20121010

Abstract (en)
[origin: WO2013053764A1] The invention relates to a switch for controlling a control circuit or an operating current of electric-motors in linear gear drives or the like, the switch comprising: a switch casing, having at least an upper part comprising keys (8, 10; 30, 32; 50; 60; 86), and a lower part for forming a receiving space; a circuit board (16, 48) incorporated in the receiving space with micro-switches (18) comprising a switch casing and a spring-biased push-rod (20) therein; wherein, when the keys (8, 10; 30, 32; 50; 60; 86) are actuated by a user, the push rod (20) actuates the micro-switch (18) to control a control circuit or operating current, and wherein the switch contains at least one locking element, which can be transferred between a locking position, which locks the keys (8, 10; 30, 32; 50; 60; 86), and a release position, which releases the keys (8, 10; 30, 32; 50; 60; 86). To prevent damage to the switch from pressure forces during actuation, it is proposed that the locking device is formed in such a way that the pressure applied to the key (8, 10; 30, 32; 50; 60; 86) is transferred onto the switch casing and/or the circuit board plate (16, 48) over as wide an area as possible.

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Citation (search report)
See references of WO 2013053764A1

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