Title (en)
Latching mechanism for activating a switch

Title (de)
Einrastmechanismus zur Aktivierung eines Schalters

Title (fr)
Mécanisme de verrouillage pour l'activation d'un commutateur

Publication
EP 2804197 A1 20141119 (EN)

Application
EP 13168202 A 20130517

Priority
EP 13168202 A 20130517

Abstract (en)
A latching mechanism (10) for activating a switch, a switch comprising a latching mechanism (10) described herein, and a method of unlatching a latching mechanism (10) are described. The latching mechanism (10) comprises a latch element (12), at least one linear actuator (11), and a first clamp element (13), wherein the latching mechanism (10) is configured to change between a latched state and an unlatched state. In the latched state the at least one linear actuator (11) is extended along a longitudinal axis (20) and presses the latch element (12) against the first clamp element (13) to thereby establish a frictional locking between the latch element (12) and the first clamp element (13). In the unlatched state the at least one linear actuator (11) is contracted along the longitudinal axis (20) thereby releasing the frictional locking between the latch element (12) and the first clamp element (13) to thereby allow a movement of the latch element (12) for activating the switch.

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CPC (source: EP)
H01H 71/127 (2013.01); H01H 71/128 (2013.01); H01H 71/505 (2013.01)

Citation (search report)
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Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

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