

Title (en)  
Safety switch that may be locked with an electromagnet

Title (de)  
Durch einen Elektromagnet verriegelbarer Sicherheitsschalter

Title (fr)  
Interrupteur de sécurité verrouillable par électroaimant

Publication  
**EP 0817227 B1 20010919 (FR)**

Application  
**EP 97401340 A 19970613**

Priority  
FR 9608321 A 19960702

Abstract (en)  
[origin: EP0817227A1] A casing (10) encloses a contact block (B). An exterior command head (11) can rotate to several positions about one axis (X1) to give a slot for a switch operator key (A) and to turn a roller transmission mechanism that rotates about a second axis (X2) in response to the key to displace a push button (15). When the electromagnet (E) is on, the core pulls down a sliding support (21) to which is clipped a movable piece (25) that has an operating ramp (26) attached. The slide moves to the right and blocks the push button is blocked by means of a boss on a sleeve which is fixed coaxially with the button and butts against a shoulder (19b) on a head within the roller.

IPC 1-7  
**H01H 27/00**

IPC 8 full level  
**H01H 27/00** (2006.01); **H01H 11/00** (2006.01)

CPC (source: EP US)  
**H01H 27/007** (2013.01 - EP US); **H01H 11/0006** (2013.01 - EP US); **H01H 2027/005** (2013.01 - EP US)

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