

Title (en)  
Safety switch with key

Title (de)  
Sicherheitsschalter mit Schlüssel

Title (fr)  
Interrupteur électrique de sécurité à clé

Publication  
**EP 0778595 A1 19970611 (FR)**

Application  
**EP 96402610 A 19961203**

Priority  
FR 9514949 A 19951205

Abstract (en)  
The safety switch includes a control rotor (20) which is rotatable about its axis to operate a plunger actuating the contacts. The key can be inserted into either of two notches (24,25) via respective slots (14,16) in the head (12). The spring-biased locking bolt (40) is lodged in the head for movement at right angles to the axis of the control rotor so that it enters a blind hole (26). It is released by the cam formed on the surface of an unlocking element having twin rotors (e.g. 30a) on either side of the control rotor.

Abstract (fr)  
La pièce de déblocage 30 est applicable au moyen d'une surface de came 33 contre un verrou 40 engagé dans un cran 26 du galet de commande 20, de manière à libérer le galet à l'introduction de la clé. <IMAGE>

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

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

CPC (source: EP KR US)  
**H01H 13/08** (2013.01 - KR); **H01H 27/002** (2013.01 - EP US); **H01H 2027/005** (2013.01 - EP US)

Citation (applicant)  
• DE 3302631 A1 19840802 - KRONENBERG GMBH H & J [DE]  
• EP 0507842 A1 19921014 - KLOECKNER MOELLER GMBH [DE]

Citation (search report)  
• [A] DE 4338910 C1 19950216 - BERNSTEIN HANS SPEZIALFABRIK [DE]  
• [A] GB 2173043 A 19861001 - TELEMECANIQUE ELECTRIQUE  
• [A] DE 3302631 A1 19840802 - KRONENBERG GMBH H & J [DE]

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EP0938113A1; EP0933794A3

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DE ES FR GB IT

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**EP 0778595 A1 19970611**; **EP 0778595 B1 20010816**; CN 1095180 C 20021127; CN 1165387 A 19971119; DE 69614488 D1 20010920; DE 69614488 T2 20011129; ES 2160219 T3 20011101; FR 2741993 A1 19970606; FR 2741993 B1 19980116; JP 3880668 B2 20070214; JP H09180587 A 19970711; KR 100262416 B1 20000801; KR 970051584 A 19970729; US 5898143 A 19990427

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