

Title (en)
Safety switch.

Title (de)
Sicherheitsschalter.

Title (fr)
Commutateur de sécurité.

Publication
EP 0653771 A3 19951122 (DE)

Application
EP 94116205 A 19941014

Priority
DE 4338910 A 19931115

Abstract (en)
[origin: DE4338910C1] In the case of this safety switch, the indexing wheel (5) for operating the switch plunger is fitted on both sides with in each case two mutually independent bolt pieces (12, 13) which are, however, coupled in terms of movement, each have a locking bolt (16) and are each sprung by means of at least one spring (15). The locking bolts (16) can be locked into adjacent housing regions. Operating surfaces (36) on the bolt pieces (12, 13) can be arranged physically offset with respect to operating surfaces (6) on the indexing wheel (5) so that unlocking and rotation of the indexing wheel (5) can be carried out only by means of a very specific operating device of complex design, and it is also not possible to unlock it by force, because of the total of four locking bolts (16). <IMAGE>

IPC 1-7
H01H 27/00

IPC 8 full level
H01H 27/00 (2006.01)

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

Citation (search report)
• [A] US 4963706 A 19901016 - MOHTASHAM MEHDI [GB]
• [DA] WO 9110247 A1 19910711 - KLOECKNER MOELLER GMBH [DE]
• [DA] FR 2550880 A1 19850222 - SCHMERSAL K A GMBH & CO [DE]

Cited by
CN106449208A

Designated contracting state (EPC)
BE CH DE ES FR GB IT LI NL SE

DOCDB simple family (publication)
DE 4338910 C1 19950216; DE 59405371 D1 19980409; EP 0653771 A2 19950517; EP 0653771 A3 19951122; EP 0653771 B1 19980304; ES 2113026 T3 19980416; US 5516993 A 19960514

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DE 4338910 A 19931115; DE 59405371 T 19941014; EP 94116205 A 19941014; ES 94116205 T 19941014; US 33949694 A 19941114