

Title (en)
Electric safety switch

Title (de)
Elektrischer Sicherheitsschalter

Title (fr)
Interrupteur de sécurité électrique

Publication
EP 0933794 A3 20000112 (EN)

Application
EP 99101984 A 19990201

Priority
IT VI980017 A 19980202

Abstract (en)
[origin: EP0933794A2] A safety electric switch, comprising a casing (2,3,4) with at least two slots (18, 19) for the insertion of a key actuator (20) of pre-defined shape, at least one pair of electric contacts (5,5', 6,6',7,7',8,8') disposed in the casing (3) and displaceable between a closed and an open position, a cam (15) mounted inside the casing (4) and operatively connected to the contacts to promote their movement and commutation, the cam being rotatable around a first axis (H) by insertion of the actuator in the casing, blocking means (22) adapted to prevent rotation of the cam (15) and the consequent displacement of the contacts, elastic means (23) acting on the blocking means (22) to maintain them in a cam blocking position when the actuator is disinserted from the casing. The blocking means (22) comprise at least one lever element (24,24') pivoted about a second axis (K) distal from the first axis (H) and positioned so as to act on one side face of the cam (15). The second pivot axis (K) is substantially parallel to the cam pivot axis (H). <IMAGE>

IPC 1-7
H01H 27/00

IPC 8 full level
H01H 27/00 (2006.01)

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

Citation (search report)

- [A] EP 0778595 A1 19970611 - SCHNEIDER ELECTRIC SA [FR]
- [A] EP 0707329 A1 19960417 - BERNSTEIN HANS SPEZIALFABRIK [DE]
- [A] DE 4338910 C1 19950216 - BERNSTEIN HANS SPEZIALFABRIK [DE]
- [A] EP 0727797 A1 19960821 - SCHMERSAL K A GMBH & CO [DE]
- [A] DE 3943376 C1 19910620

Cited by
FR2817653A1; EP2506279A1

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