

Title (en)
Safety switch

Title (de)
Sicherheitsschalter

Title (fr)
Interrupteur de sécurité

Publication
EP 0920043 A3 20000503 (DE)

Application
EP 98118252 A 19980925

Priority
DE 29720862 U 19971125

Abstract (en)
[origin: US5964342A] A safety switch including a spring-loaded tappet axially displaceably disposed in a switch cover; a switching bridge on the tappet; and an actuator above the tappet. An essentially U-shaped element has a center web and a first and second leg. The element is swivelably disposed in the cover in the area of the center web and the first leg of the element engages the tappet. The second leg is situated above the tappet such that when the actuator has moved in, the second leg reaches behind and engages the actuator in a switch-on position and permits a complete pulling-out of the actuator from the cover only in a switch-off position.

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)

Citation (search report)

- [Y] DE 29609012 U1 19961024 - BERNSTEIN HANS SPEZIALFABRIK [DE]
- [Y] EP 0345656 A2 19891213 - KRONENBERG GMBH H & J [DE]

Cited by
EP3428943A1; IT201700077432A1; DE202021104834U1

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
US 5964342 A 19991012; AT E266251 T1 20040515; DE 29720862 U1 19980115; DE 59811321 D1 20040609; DK 0920043 T3 20040726; EP 0920043 A2 19990602; EP 0920043 A3 20000503; EP 0920043 B1 20040506; ES 2216227 T3 20041016

DOCDB simple family (application)
US 19523098 A 19981118; AT 98118252 T 19980925; DE 29720862 U 19971125; DE 59811321 T 19980925; DK 98118252 T 19980925; EP 98118252 A 19980925; ES 98118252 T 19980925