

Title (en)
Safety switch

Title (de)
Sicherheitsschalter

Title (fr)
Interrupteur à sécurité

Publication
EP 0871189 B1 20010627 (DE)

Application
EP 97120918 A 19971128

Priority
DE 29706340 U 19970410

Abstract (en)
[origin: US5909166A] A safety switch includes a spring-biased locking pin which is displaceable axially inside a switch housing by a lifting magnet against the biasing force of the spring to switch a switching element between a blocking position and a release position, and a retention magnet which holds the locking pin in the release position when the lifting magnet is de-energized.

IPC 1-7
H01H 27/00

IPC 8 full level
H01H 27/00 (2006.01)

CPC (source: EP US)
H01H 27/007 (2013.01 - EP US)

Cited by
CN108150608A; WO2008009319A1; US8228146B2; US8289112B1

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

DOCDB simple family (publication)
US 5909166 A 19990601; AT E202655 T1 20010715; DE 29706340 U1 19970605; DE 59703906 D1 20010802; DK 0871189 T3 20010903; EP 0871189 A1 19981014; EP 0871189 B1 20010627; ES 2158429 T3 20010901

DOCDB simple family (application)
US 5415098 A 19980402; AT 97120918 T 19971128; DE 29706340 U 19970410; DE 59703906 T 19971128; DK 97120918 T 19971128; EP 97120918 A 19971128; ES 97120918 T 19971128