

Title (en)
Safety device for position switch

Title (de)
Sicherheitsvorrichtung für Positionsschalter

Title (fr)
Dispositif de sécurité pour commutateur de positionnement

Publication
EP 0814490 B1 20010117 (DE)

Application
EP 97109371 A 19970610

Priority
DE 19624172 A 19960618

Abstract (en)
[origin: EP0814490A2] The device has an actuation element (8) and a release element (4) which are mechanically encoded so that so that a mechanical decoding results from their mutual engagement, resulting in a mechanical force-locking between them. The release element also has an electronic read-write device (12) and the actuation element has a transponder (10). The actuation element is first programmed during its first engagement with the release element so that electronic decoding occurs for each subsequent engagement. An electrical switching process follows mechanical and electronic decoding.

IPC 1-7
H01H 27/00

IPC 8 full level
H01H 27/00 (2006.01); **H01H 27/06** (2006.01)

CPC (source: EP)
H01H 27/002 (2013.01)

Cited by
DE10230564A1; DE102005010949A1; EP2562782A4; EP0987726A3; CN105474342A; US9477211B2; US9190226B2; US9653242B2; WO0064054A1; WO2015028106A1; WO2013075812A1

Designated contracting state (EPC)
AT CH DE FR GB IT LI

DOCDB simple family (publication)
EP 0814490 A2 19971229; EP 0814490 A3 19991201; EP 0814490 B1 20010117; AT E198809 T1 20010215; DE 19624172 A1 19980102; DE 19624172 C2 20000511; DE 59702918 D1 20010222; JP H1092270 A 19980410

DOCDB simple family (application)
EP 97109371 A 19970610; AT 97109371 T 19970610; DE 19624172 A 19960618; DE 59702918 T 19970610; JP 16085697 A 19970618