

Title (en)
SECURITY ALARM SWITCH

Title (de)
SICHERHEITSALARMSCHALTER

Title (fr)
INTERRUPTEUR DE SECURITE, DECLENCHANT UNE ALARME

Publication
EP 0746829 A4 19980916 (EN)

Application
EP 94921167 A 19940407

Priority
• US 9403818 W 19940407
• US 20014394 A 19940223

Abstract (en)
[origin: WO9523392A1] A magnetic switch assembly (10) is provided for detecting relative movement between first and second adjacent members (14, 18), and to defeat attempted magnetic manipulation of the assembly (10). The assembly (10) includes a pair of adjacent, superposed, upper and lower switch elements (22, 24) adapted for mounting on the first member (14), with the lower switch element (24) presenting a sloped surface (26). A shiftable, ferromagnetic ball (34) is disposed between the elements (22, 24) and movable along surface (26) between spaced upper and lower switch operating positions. A magnet (36) adapted for mounting on the second member (18) is also provided, and is oriented for normally retaining the ball (34) in the upper position thereof; however, upon movement of the member (18), the ball (34) is permitted to shift downwardly along the position thereof.

IPC 1-7
G08B 13/08; G08B 21/00; H01H 35/02; H01H 35/14; H01H 9/00

IPC 8 full level
H01H 36/00 (2006.01)

CPC (source: EP)
G08B 13/08 (2013.01); **H01H 36/00** (2013.01); **H01H 36/0046** (2013.01)

Citation (search report)
• [A] DE 1665595 A1 19710325 - SIEMENS AG
• [A] US 3842377 A 19741015 - BARNDT C
• See references of WO 9523392A1

Cited by
WO2014063496A1

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

DOCDB simple family (publication)
WO 9523392 A1 19950831; AT E243352 T1 20030715; AU 682521 B2 19971009; AU 7199194 A 19950911; CA 2183554 A1 19950831; CA 2183554 C 20030701; DE 69432833 D1 20030724; DE 69432833 T2 20031204; EP 0746829 A1 19961211; EP 0746829 A4 19980916; EP 0746829 B1 20030618

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