

Title (en)
Electric switch

Title (de)
Elektrischer Schalter

Title (fr)
Interrupteur électrique

Publication
EP 1400997 A3 20060301 (DE)

Application
EP 03020619 A 20030910

Priority
DE 10243600 A 20020919

Abstract (en)
[origin: EP1400997A2] The push button (14) actuated electrical switch (12) is connected to an electrical load. Also mounted on the under side is a magnetic armature (18) that moves in a coil (16). Both are mounted on a plate (10). A feed back circuit (20) generates pulses when the switch is properly actuated and these are fed to the input as tactile feedback. An alternative uses a piezo electric device for feedback.

IPC 8 full level
H01H 3/00 (2006.01)

CPC (source: EP)
H01H 3/00 (2013.01); **H01H 13/84** (2013.01); **H01H 2003/008** (2013.01); **H01H 2215/05** (2013.01); **H01H 2215/052** (2013.01);
H01H 2239/006 (2013.01)

Citation (search report)

- [XY] FR 2778267 A1 19991105 - OTIS ELEVATOR CO [US]
- [XY] DE 4128589 C1 19930211
- [XY] US 5212473 A 19930518 - LOUIS WILLIAM M [US]
- [XY] EP 1220068 A2 20020703 - ALPS ELECTRIC CO LTD [JP]
- [X] DE 10103563 A1 20020801 - BSH BOSCH SIEMENS HAUSGERAETE [DE]
- [X] US 5434566 A 19950718 - IWASA SEIICHI [JP], et al
- [PX] DE 10126670 A1 20021205 - BAYERISCHE MOTOREN WERKE AG [DE]
- [XY] PATENT ABSTRACTS OF JAPAN vol. 1999, no. 09 30 July 1999 (1999-07-30)
- [XY] PATENT ABSTRACTS OF JAPAN vol. 018, no. 003 (E - 1485) 6 January 1994 (1994-01-06)

Cited by
FR2930657A1; CN110112017A; FR2930656A1; EP2113824A3; DE102015009314A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

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