

Title (en)

Electric push button

Title (de)

Elektrischer Tastschalter

Title (fr)

Commutateur électrique à bouton poussoir

Publication

EP 1701367 A3 20070801 (DE)

Application

EP 06003487 A 20060221

Priority

DE 202005003663 U 20050308

Abstract (en)

[origin: EP1701367A2] The electric pushbutton switch (10) has a button with a trapezoidal top surface (14). The first transparent area consists of a thin region (16) in the surface of the button with a first led installed in an airspace behind it. A narrow slit in the surface of the button accommodates the end of an elongated lens (18) mounted in the button housing. The button is mounted in a reflector which can move inside the housing.

IPC 8 full level

H01H 13/02 (2006.01); **H01H 9/18** (2006.01)

CPC (source: EP US)

H01H 9/182 (2013.01 - EP US); **H01H 13/023** (2013.01 - EP US); **H01H 2013/026** (2013.01 - EP US); **H01H 2219/062** (2013.01 - EP US); **H01H 2219/064** (2013.01 - EP US); **H01H 2231/026** (2013.01 - EP US)

Citation (search report)

- [XY] DE 19840070 A1 20000323 - HELLA KG HUECK & CO PATENTE MA [DE]
- [Y] EP 1179828 A1 20020213 - TEAM [FR]
- [X] US 5252798 A 19931012 - KAMADA SOETSU [JP]
- [A] US 4683359 A 19870728 - WOJTANEK GUY A [US]

Cited by

WO2009013176A1; US8164016B2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

DE 202005003663 U1 20050721; BR PI0600775 A 20061107; CN 100452262 C 20090114; CN 1832075 A 20060913; DE 502006008486 D1 20110127; EP 1701367 A2 20060913; EP 1701367 A3 20070801; EP 1701367 A9 20061108; EP 1701367 B1 20101215; JP 2006253127 A 20060921; JP 4394651 B2 20100106; US 2006201796 A1 20060914; US 7394034 B2 20080701

DOCDB simple family (application)

DE 202005003663 U 20050308; BR PI0600775 A 20060308; CN 200610059769 A 20060307; DE 502006008486 T 20060221; EP 06003487 A 20060221; JP 2006038793 A 20060216; US 36876306 A 20060306