

Title (en)

A SWITCH DEVICE CAPABLE OF BEING FITTED WITH A CENTRAL LIGHT SOURCE, AND A KEYPAD KEY FOR ELECTRICAL EQUIPMENT INCLUDING SUCH A SWITCH DEVICE

Title (de)

SCHALTEINRICHTUNG MIT DER FÄHIGKEIT ZUM EINBAU MIT EINER ZENTRALEN LICHTQUELLE UND TASTENFELDSCHLÜSSEL FÜR ELEKTRISCHE GERÄTE, EINSCHLIESSLICH EINER SOLCHEN SCHALTEINRICHTUNG

Title (fr)

COMMUTATEUR POUVANT ETRE MUNI D'UNE SOURCE LUMINEUSE PRINCIPALE, ET TOUCHE DE CLAVIER POURVUE DUDIT COMMUTATEUR DESTINEE A UN APPAREIL ELECTRIQUE

Publication

EP 1597740 A1 20051123 (EN)

Application

EP 04706237 A 20040129

Priority

- IB 2004000204 W 20040129
- FR 0302414 A 20030227

Abstract (en)

[origin: WO2004077474A1] The switch device comprises: a package (3) presenting a bottom (9); a drive member (5) movable in translation; at least one conductive track (42); and ; at least one conductive dome (52) presenting a peripheral portion (57) and a central portion (55), the dome being elastically deformable along an actuation axis (Z) under the effect of the drive member (5), said dome (52) being disposed inside the package (3) in such a manner that its central portion (55) rests on a bottom portion (33) of the package, while its peripheral portion (57) is capable of passing between a position making contact with and a position out of contact with the first track (42). The central portion (55) is provided with an opening (59) and presents a peripheral region (61) around said opening (59) defining an annular bearing region of the dome (52) for bearing against the bottom portion (33) of the package. The device is applicable to providing keys for an electrical appliance keypad, in particular a dashboard panel in a motor vehicle cabin.

IPC 1-7

H01H 13/48

IPC 8 full level

H01H 13/48 (2006.01); **H01H 3/60** (2006.01); **H01H 13/02** (2006.01)

CPC (source: EP)

H01H 13/48 (2013.01); **H01H 3/60** (2013.01); **H01H 13/023** (2013.01); **H01H 2215/02** (2013.01)

Citation (search report)

See references of WO 2004077474A1

Designated contracting state (EPC)

DE FR GB

DOCDB simple family (publication)

FR 2851845 A1 20040903; FR 2851845 B1 20060714; EP 1597740 A1 20051123; WO 2004077474 A1 20040910

DOCDB simple family (application)

FR 0302414 A 20030227; EP 04706237 A 20040129; IB 2004000204 W 20040129