

Title (en)
Switch unit

Title (de)
Schaltereinheit

Title (fr)
Dispositif interrupteur

Publication
EP 1758135 B1 20110706 (DE)

Application
EP 06015731 A 20060728

Priority
DE 102005041038 A 20050825

Abstract (en)
[origin: EP1758135A2] The switch unit (10) has a motion-operating actuator (12) that is in electrical contact with a proximity sensor (20). An elastic component (36) in the form of a leaf spring is joined to apply a contact force on the electric contact portion between the actuator and proximity sensor. The contact force is applied angularly perpendicular to the operation direction (30) of the actuator.

IPC 8 full level
H01H 3/16 (2006.01); **H01H 1/36** (2006.01)

CPC (source: EP)
H01H 1/36 (2013.01); **H01H 3/14** (2013.01); **H01H 13/807** (2013.01); **H01H 2003/0293** (2013.01); **H01H 2217/032** (2013.01); **H01H 2219/04** (2013.01); **H01H 2225/002** (2013.01); **H01H 2225/03** (2013.01); **H01H 2239/006** (2013.01); **H01H 2239/074** (2013.01)

Cited by
DE102009032634A1; DE102010042709A1; EP2937998A1; FR2953323A1; CN103187960A; EP2610719A3; US9614521B2; WO2013029851A1; WO2007140956A1; TWI563423B

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

DOCDB simple family (publication)
EP 1758135 A2 20070228; EP 1758135 A3 20080123; EP 1758135 B1 20110706; AT E515781 T1 20110715; DE 102005041038 A1 20070301

DOCDB simple family (application)
EP 06015731 A 20060728; AT 06015731 T 20060728; DE 102005041038 A 20050825