

Title (en)

INTERLOCKING LOCK IN ORDER TO PREVENT A SWITCH FROM BEING SWITCHED ON

Title (de)

FORMSCHLÜSSIGE VERRIEGELUNG ZUR VERHINDERUNG DES EINSCHALTENS EINES SCHALTERS

Title (fr)

VERROUILLAGE PAR LIAISON DE FORME POUR EMPECHER L'ENCLENCHEMENT D'UN COMMUTATEUR

Publication

EP 1913617 A1 20080423 (DE)

Application

EP 06764246 A 20060721

Priority

- EP 2006064509 W 20060721
- DE 102005038629 A 20050810

Abstract (en)

[origin: DE102005038629B3] The mechanism has a push button (2) and a force transmission unit (4) movably guided in a longitudinal direction, so that impulse movement of the button is initiated in a switching actuator (10). The unit is swivelable by pivoted and crank levers (9, 17), so that a moving direction of the unit (4) is angularly aligned to the impulse movement. The levers are coupled with a drive shaft (11) of a commutator and/or with adjacent commutator.

IPC 8 full level

H01H 9/26 (2006.01)

CPC (source: EP KR US)

H01H 9/26 (2013.01 - EP KR US)

Citation (search report)

See references of WO 2007017362A1

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)

DE 102005038629 B3 20061221; CN 101283426 A 20081008; CN 101283426 B 20110406; EP 1913617 A1 20080423; EP 1913617 B1 20170830; ES 2649264 T3 20180111; HK 1120925 A1 20090409; JP 2009505344 A 20090205; KR 20080043817 A 20080519; MX 2008001883 A 20080324; RU 2368972 C1 20090927; US 2010078298 A1 20100401; WO 2007017362 A1 20070215

DOCDB simple family (application)

DE 102005038629 A 20050810; CN 200680037584 A 20060721; EP 06764246 A 20060721; EP 2006064509 W 20060721; ES 06764246 T 20060721; HK 09100014 A 20090102; JP 2008525514 A 20060721; KR 20087005644 A 20080307; MX 2008001883 A 20060721; RU 2008108979 A 20060721; US 6350506 A 20060721