

Title (en)  
LOCK HAVING A SINGLE SWITCH

Title (de)  
SCHLOSS MIT EINEM EINZIGEN SCHALTER

Title (fr)  
SERRURE AYANT UN SEUL COMMUTATEUR

Publication  
**EP 1863989 B1 20111109 (FR)**

Application  
**EP 06708447 A 20060222**

Priority  
• EP 2006060176 W 20060222  
• FR 0502048 A 20050301

Abstract (en)  
[origin: US8388029B2] The invention concerns a lock provided with a single switch to indicate the open or closed state of said lock, comprising an actuator (5, 6) acting on a kinematic chain (7) to produce the functions of the lock, a switch (19) adapted to indicate the states of the lock, a double-notched closure (2, 3) bolt (1), a pawl (9) including a pawl tooth (4) designed to be urged into engagement with the first (2) or second (3) notch for closing the bolt (1). The invention is characterized in that it comprises a mobile cam (12) for actuating the switch, said actuating cam (12) being mobile under the action of the bolt (1) and/or of the pawl (9) during the opening and/or closing phase of the lock.

IPC 8 full level  
**E05B 65/32** (2006.01)

CPC (source: EP US)  
**E05B 85/243** (2013.01 - EP US); **E05B 81/14** (2013.01 - EP US); **Y10T 292/1046** (2015.04 - EP US); **Y10T 292/1047** (2015.04 - EP US); **Y10T 292/1082** (2015.04 - EP US)

Citation (examination)  
US 5810423 A 19980922 - BRACKMANN HORST [DE], et al

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)  
**FR 2882773 A1 20060908; FR 2882773 B1 20090116**; AT E532924 T1 20111115; EP 1863989 A1 20071212; EP 1863989 B1 20111109; ES 2376587 T3 20120315; US 2008136196 A1 20080612; US 8388029 B2 20130305; WO 2006092372 A1 20060908

DOCDB simple family (application)  
**FR 0502048 A 20050301**; AT 06708447 T 20060222; EP 06708447 A 20060222; EP 2006060176 W 20060222; ES 06708447 T 20060222; US 88560306 A 20060222