

Title (en)

SELF-LOCKING LATCH AND A LOCKING SYSTEM EQUIPPED WITH SAID LATCH

Title (de)

SELBSTVERRIEGELNDES SCHLOSS UND MIT DIESEM AUSGESTATTETES SCHLIESSSYSTEM

Title (fr)

SERRURE A VERROUILLAGE AUTOMATIQUE ET SYSTEME DE FERMETURE COMPORTANT UNE TELLE SERRURE

Publication

EP 1292747 B1 20060111 (DE)

Application

EP 01938255 A 20010608

Priority

- DE 10028176 A 20000609
- EP 0106537 W 20010608

Abstract (en)

[origin: US2003155778A1] A self-latching lock 1 with a bolt 2, catch 3, auxiliary catch pin 4 and reciprocator 5, in which the bolt 2 can be operated via a latch nut 6 or a closing thruster and is cocked for locking action by an elastic element 7 when the door is in the open position, in which, when the door leaf is engaged in the door rabbet, said bolt is released into its extended locking position by the action of at least the auxiliary catch pin 4, and which is provided with a nut-locking or idling device 8, preferably permitting deactivation by electric remote control, for the temporary activation of the latch function. According to the invention, this remotely controllable nut-locking or idling device 8 permits in advantageous fashion the use of self-latching locks even in combination with centrally controlled closure systems.

IPC 8 full level

E05B 63/20 (2006.01); **E05B 47/00** (2006.01); **E05B 65/10** (2006.01); **E05B 17/00** (2006.01); **E05B 47/06** (2006.01); **E05B 63/00** (2006.01);
E05B 63/16 (2006.01)

CPC (source: EP US)

E05B 47/00 (2013.01 - EP US); **E05B 47/0607** (2013.01 - EP US); **E05B 47/0669** (2013.01 - EP US); **E05B 63/20** (2013.01 - EP US);
E05B 65/108 (2013.01 - EP US); **E05B 65/1086** (2013.01 - EP US); **E05B 17/0045** (2013.01 - EP US); **E05B 47/0002** (2013.01 - EP US);
E05B 63/16 (2013.01 - EP US); **E05B 2047/0008** (2013.01 - EP US); **E05B 2063/0082** (2013.01 - EP US); **E05B 2063/207** (2013.01 - EP US);
Y10T 70/5226 (2015.04 - EP US); **Y10T 70/8865** (2015.04 - EP US); **Y10T 292/1075** (2015.04 - EP US); **Y10T 292/54** (2015.04 - EP US);
Y10T 292/546 (2015.04 - EP US); **Y10T 292/558** (2015.04 - EP US)

Citation (examination)

DE 685943 C 19391229 - EMMA KUEPPERSBUSCH GEB KITZ

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

US 2003155778 A1 20030821; US 6899361 B2 20050531; AT E315708 T1 20060215; CN 1436271 A 20030813; DE 10028176 A1 20011213;
DE 50108672 D1 20060406; EP 1292747 A1 20030319; EP 1292747 B1 20060111; ES 2251484 T3 20060501; PL 358984 A1 20040823;
RU 2002128621 A 20040320; WO 0194726 A1 20011213

DOCDB simple family (application)

US 27665502 A 20021119; AT 01938255 T 20010608; CN 01810917 A 20010608; DE 10028176 A 20000609; DE 50108672 T 20010608;
EP 0106537 W 20010608; EP 01938255 A 20010608; ES 01938255 T 20010608; PL 35898401 A 20010608; RU 2002128621 A 20010608