

Title (en)

Multiple bolt lock

Title (de)

Mehrriegelverschluss

Title (fr)

Serrure à plusieurs pènes

Publication

**EP 1213426 B1 20040804 (DE)**

Application

**EP 01890334 A 20011211**

Priority

- AT 20532000 A 20001211
- AT 6022001 A 20010412

Abstract (en)

[origin: EP1213426A1] The motor (15) may be connected to the lock (2) and the gear train (3). It has an ON/OFF switch (17) and a clutch (18) connected to a pinion (19) driving a rack (20) on a push rod (14) for operating a bolt. The final pinion (4) has two pins (5,6) on one face engaging a pair of grooves in a toothed lever (7). The lever has a control surface (8) which engages a driving lever (10) with a loading spring (10'). The lever has a hook on the end which engages with a slider (11) with grooves which accommodate the hooked ends of the push rods (13,14).

IPC 1-7

**E05C 9/02**; E05B 65/00

IPC 8 full level

**E05B 47/00** (2006.01); **E05C 9/02** (2006.01)

CPC (source: EP)

**E05B 47/0012** (2013.01); **E05C 9/023** (2013.01); **E05B 2047/002** (2013.01); **E05B 2047/0026** (2013.01)

Cited by

CN114033258A; CN113530374A; CN111794607A; DE202010007509U1; EP1464781A3; CN111462393A; CN112878808A; CN106703533A; CN107366478A; EP1473429A3; CN111075274A; CN115288527A; WO2009072919A1; EP1681419A1

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)

**EP 1213426 A1 20020612**; **EP 1213426 B1 20040804**; AT 410117 B 20030225; AT A6022001 A 20020615; DE 50103090 D1 20040909

DOCDB simple family (application)

**EP 01890334 A 20011211**; AT 6022001 A 20010412; DE 50103090 T 20011211