

Title (en)

Lock, in particular lock for room door

Title (de)

Schloss, insbesondere Zimmertürschloss

Title (fr)

Serrure, en particulier serrure pour porte de chambre

Publication

**EP 1683934 A3 20061011 (DE)**

Application

**EP 06100644 A 20060120**

Priority

- DE 102005002623 A 20050120
- DE 102005021419 A 20050510

Abstract (en)

[origin: EP1683934A2] The lock has a latch (2) provided in a housing, where a pusher nut (3) strikes the latch such that the latch shifts against a resetting force of a latch spring (10), from a front closed position to a rear closed position, through the rotation of the nut against a resetting force of a pusher nut spring. The springs (10,17) are formed as integral components of the latch and the pusher nut by plastic injection molding.

IPC 8 full level

**E05B 15/16** (2006.01); **E05B 15/10** (2006.01)

CPC (source: EP)

**E05B 15/0013** (2013.01); **E05B 15/101** (2013.01); **E05B 15/1635** (2013.01); **E05B 2015/0451** (2013.01); **E05B 2015/165** (2013.01); **E05B 2015/1678** (2013.01)

Citation (search report)

- [XY] FR 2222875 A5 19741018 - PONSY JACQUES [FR]
- [Y] GB 1498313 A 19780118 - DIECKMANN D
- [X] US 4353582 A 19821012 - EIGEMEIER WILLI
- [XA] DE 19746766 A1 19990429 - FORSCH SFR SONDERFERTIGUNG ROE [DE]
- [A] FR 2686118 A1 19930716 - ALLIBERT MANUTENTION [FR]
- [A] EP 0431518 A2 19910612 - THOMA ROBERT ROTHO KUNSTSTOFF [DE]
- [A] EP 0861956 A2 19980902 - BKS GMBH [DE]
- [A] CH 190670 A 19370515 - GEORG REUTTER FA [DE]
- [A] DE 29801345 U1 19990602 - SCHULTE SCHLAGBAUM AG [DE]

Cited by

CN107558808A

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 1683934 A2 20060726; EP 1683934 A3 20061011; EP 1683934 B1 20100113;** AT E455219 T1 20100115; DE 102005021419 A1 20060727; DE 102005021419 B4 20190606; DE 502006005895 D1 20100304; DK 1683934 T3 20100525; ES 2338142 T3 20100504; PL 1683934 T3 20100531; PT 1683934 E 20100128; SI 1683934 T1 20100531

DOCDB simple family (application)

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