

Title (en)

Lock for a door

Title (de)

Schloss für eine Tür

Title (fr)

Serrure pour une porte

Publication

EP 2666939 B1 20200708 (DE)

Application

EP 13002041 A 20130418

Priority

DE 102012104510 A 20120524

Abstract (en)

[origin: EP2666939A2] The lock (1) has a lock housing (2), a falling latch (20) movable between a closed position and an open position, a slider (10), and a locking mechanism (30) for blocking or releasing a movement of the falling latch. An engagement unit (92) is designed, such that during a rotational movement of a drive wheel (91), the engagement unit carries out displacement of the slider over a slider contact area (16), where a contact contour of the engagement unit slides on the slider contact surface during the displacement. The engagement unit is designed in a cam-like manner.

IPC 8 full level

E05B 55/00 (2006.01); **E05B 47/02** (2006.01); **E05B 47/06** (2006.01); **E05B 15/10** (2006.01); **E05B 59/00** (2006.01)

CPC (source: EP)

E05B 47/0012 (2013.01); **E05B 47/026** (2013.01); **E05B 47/0603** (2013.01); **E05B 55/00** (2013.01); **E05B 59/00** (2013.01); **E05B 2015/105** (2013.01); **E05B 2047/0024** (2013.01)

Cited by

CN111411831A; CN104818904A

Designated contracting state (EPC)

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DOCDB simple family (publication)

EP 2666939 A2 20131127; **EP 2666939 A3 20171227**; **EP 2666939 B1 20200708**; CN 103422724 A 20131204; CN 103422724 B 20171103; DE 102012104510 A1 20131128

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