

Title (en)

Lock in particular door lock with improved locking mechanism

Title (de)

Schloss, insbesondere Türschloss, mit verbesserter Schließmechanik

Title (fr)

Serrure, notamment serrure de porte dotée d'un mécanisme de fermeture amélioré

Publication

EP 2261445 A3 20141029 (DE)

Application

EP 10005309 A 20100521

Priority

- DE 102009023681 A 20090603
- DE 102010005926 A 20100126

Abstract (en)

[origin: EP2261445A2] The lock (1) has a locking element (11) moved between protruding and retracted positions of a housing (10). An operative connector is provided with an actuator lobe (14) between a rotary element (12) and a plate slide (13). The plate slide has an actuator crank (15a) such that the plate slide is moved in a direction by reciprocal activation of the actuator lobe. The plate slide has another actuator crank (15b) opposite to the former actuator crank so that the plate slide is moved in another direction that is opposite to the former direction by the reciprocal activation of the actuator lobe.

IPC 8 full level

E05B 53/00 (2006.01); **E05B 63/00** (2006.01)

CPC (source: EP)

E05B 63/0013 (2013.01); **E05B 17/042** (2013.01); **E05B 47/0012** (2013.01); **E05B 53/00** (2013.01); **E05B 2047/0017** (2013.01)

Citation (search report)

- [XA] US 6434987 B1 20020820 - JUILLERAT DENIS [CH], et al
- [A] US 5595409 A 19970121 - FIER DUANE T [US], et al
- [A] EP 2011937 A1 20090107 - VKR HOLDING AS [DK]
- [A] FR 2704591 A1 19941104 - COSTA ALAIN [FR], et al
- [A] GB 2076879 A 19811209 - RILEY ALLAN THOMAS
- [A] FR 2620482 A1 19890317 - D S CROISEE [FR]

Cited by

EP3111964A1; CN108100149A

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

Designated extension state (EPC)

BA ME RS

DOCDB simple family (publication)

EP 2261445 A2 20101215; EP 2261445 A3 20141029; EP 2261445 B1 20151028; CN 101906903 A 20101208; CN 101906903 B 20150422; DE 102010005926 A1 20101209; DK 2261445 T3 20151214

DOCDB simple family (application)

EP 10005309 A 20100521; CN 201010196290 A 20100603; DE 102010005926 A 20100126; DK 10005309 T 20100521