

Title (en)
Motor vehicle lock

Title (de)
Kraftfahrzeugschloss

Title (fr)
Serrure de véhicule automobile

Publication
EP 2690238 A3 20160504 (DE)

Application
EP 13177651 A 20130723

Priority
DE 102012014596 A 20120724

Abstract (en)
[origin: EP2690238A2] The lock has locking elements like lock latch (1) and lock pawl (2), in which the lock pawl is disabled in a user-side lock pawl operation, in normal operation. An adjustable crash element allows the pawl to operate freely in the actuating position. The crash element stands in normal operation outside the pawl for actuating predominantly or continuously, in the blocking position and is adjusted in the course of lock pawl operation, before digging the lock pawl from the locked position into the actuating position. An independent claim is included for a method for operating motor vehicle lock.

IPC 8 full level
E05B 77/04 (2014.01); **E05B 15/04** (2006.01); **E05B 81/14** (2014.01); **E05B 81/16** (2014.01); **E05B 81/82** (2014.01); **E05B 81/86** (2014.01)

CPC (source: EP)
E05B 77/04 (2013.01); **E05B 81/16** (2013.01); **E05B 81/14** (2013.01); **E05B 81/82** (2013.01); **E05B 81/86** (2013.01); **E05B 2015/0458** (2013.01)

Citation (search report)

- [X] US 2003234544 A1 20031225 - JANKOWSKI KRYSTOF P [US], et al
- [XI] DE 202006012091 U1 20071220 - BROSE SCHLIESSSYSTEME GMBH [DE]
- [X] DE 19902561 A1 20000803 - WITTE VELBERT GMBH & CO KG [DE]
- [X] DE 202011002662 U1 20120514 - KIEKERT AG [DE]
- [XP] WO 2012107023 A2 20120816 - KIEKERT AG [DE], et al
- [AD] EP 2339098 A2 20110629 - BROSE SCHLIESSSYSTEME GMBH [DE]

Cited by
DE102016102882A1; CN113692472A; WO2014138911A1; WO2020025081A1

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 RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 2690238 A2 20140129; EP 2690238 A3 20160504; EP 2690238 B1 20181212; DE 102012014596 A1 20140130

DOCDB simple family (application)
EP 13177651 A 20130723; DE 102012014596 A 20120724