

Title (en)
Vehicle doorlock or similar

Title (de)
Kraftfahrzeug-Türschloss o. dgl.

Title (fr)
Serrure de véhicule automobile, ou similaire

Publication
EP 1030009 A3 20030730 (DE)

Application
EP 00102922 A 20000212

Priority
DE 19906997 A 19990218

Abstract (en)
[origin: EP1030009A2] The arrangement has a lock catch with a locking pawl (5) that holds the catch in the closed position and a motorized opening drive with a drive motor and a reduction gear for engaging a locking pawl lever to raise the pawl to release the lock catch. The reduction gear (8) or pawl lever (9) has an associated raising spring (11) acting in the pawl lifting direction that is tensioned when the opening drive (6) returns to the closed position and that supports the pre-opening motion of the pawl.

IPC 1-7
E05B 47/00; **E05B 65/12**; **E05B 15/04**

IPC 8 full level
E05B 15/04 (2006.01); **E05B 47/00** (2006.01); **E05B 65/12** (2006.01); **E05B 81/14** (2014.01)

CPC (source: EP US)
E05B 81/14 (2013.01 - EP US); **Y10T 292/1047** (2015.04 - EP US); **Y10T 292/1082** (2015.04 - EP US)

Citation (search report)
• [X] WO 9858146 A1 19981223 - HUF HUELSBECK & FUERST GMBH [DE], et al
• [X] DE 19650826 A1 19980610 - KIEKERT AG [DE]
• [A] US 4821521 A 19890418 - SCHUELER ROLF [DE]

Cited by
EP1603213A3

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
EP 1030009 A2 20000823; **EP 1030009 A3 20030730**; **EP 1030009 B1 20050817**; DE 19906997 A1 20000831; DE 19906997 C2 20010426; DE 50010943 D1 20050922; ES 2250032 T3 20060416; US 6371536 B1 20020416

DOCDB simple family (application)
EP 00102922 A 20000212; DE 19906997 A 19990218; DE 50010943 T 20000212; ES 00102922 T 20000212; US 50584400 A 20000217