

Title (en)
Lock for a vehicle door

Title (de)
Schloss für eine Kraftfahrzeugtür

Title (fr)
Serrure pour porte de véhicule automobile

Publication
EP 0645511 B1 19970312 (FR)

Application
EP 94402073 A 19940919

Priority
FR 9311508 A 19930928

Abstract (en)
[origin: EP0645511A1] The lock comprises a locking pawl (1) articulated on a shaft (2) and, in the locking position, capable of retaining a bolt (4) cooperating with a keeper (9); the lock comprises means (E) for driving the pawl (1) which are capable of retracting it in order to release the bolt (4) and allow the door to be opened, the said lock comprising, furthermore, electrical control means (24) for ensuring extra security by rendering the drive means (E) ineffective on the pawl and by preventing the opening of the lock from inside the vehicle, particularly by action on a fascia pull or equivalent member. The means (E) for driving the pawl comprise an arm (10) pivoting about the shaft (2) of the pawl, with a possibility of translational movement between an active position, in which this arm can control the rotation of the pawl (1), and an inactive position, in which this arm (10) is ineffective on the pawl (1), the change of the arm (10) from the active position to the inactive position being ensured by the extra-security electrical control means (24). <IMAGE>

IPC 1-7
E05B 65/32; **E05B 47/06**

IPC 8 full level
E05B 47/06 (2006.01); **E05B 65/12** (2006.01); **E05B 65/32** (2006.01)

CPC (source: EP)
E05B 77/28 (2013.01); **E05B 81/06** (2013.01); **E05B 81/90** (2013.01); **E05B 85/243** (2013.01)

Cited by
EP1433911A1; FR2877976A1; EP1379745A4; FR2767348A1; EP1770233A3; DE10046731A1; EP0896118A1; FR2766861A1; FR2766860A1; DE19636464A1; US6056334A; US6511106B2; US6733052B2; US6286878B1; US7219935B2; US7798539B2; WO0005468A1; WO2008098671A1; WO0005470A1

Designated contracting state (EPC)
DE ES

DOCDB simple family (publication)
EP 0645511 A1 19950329; **EP 0645511 B1 19970312**; DE 69402023 D1 19970417; DE 69402023 T2 19970626; ES 2100646 T3 19970616; FR 2710677 A1 19950407; FR 2710677 B1 19960308

DOCDB simple family (application)
EP 94402073 A 19940919; DE 69402023 T 19940919; ES 94402073 T 19940919; FR 9311508 A 19930928