

Title (en)

Vehicle door lock with electrical locking device

Title (de)

Kraftfahrzeugtürschloss mit elektrischer Verriegelungsvorrichtung

Title (fr)

Serrure de porte de véhicule automobile à condamnation électrique

Publication

EP 0896118 B1 20021106 (FR)

Application

EP 98401757 A 19980710

Priority

- FR 9709780 A 19970731
- FR 9712539 A 19971008
- FR 9805604 A 19980504

Abstract (en)

[origin: EP0896118A1] The use of a coded transmitter device which can be recognised by the electronic system associated with the lock enables operation of the lock by hand pressure alone, without need for operation of button on remote control. The lock includes a forked bolt (2) intended to co-operate with the lock plate, and a pawl (4) which normally ensure the blocking of the bolt in the closed position. The pawl is able to adopt an 'escape' position in which it does not block the bolt. The mechanism for releasing the bolt includes a control (9) which can be operated by the action of the user's hand on the door handle. The control also includes an electrical element responding to the receipt of an unlocking signal from a transmitter which places the mechanism in its active state. The transmitter which is carried by the owner transmits a signal which is detected within the vehicle, and which enables release of the lock when the handle is pressed, whilst the lock remains closed in the absence of this signal.

IPC 1-7

E05B 65/20

IPC 8 full level

E05B 65/12 (2006.01); **E05B 65/20** (2006.01)

CPC (source: EP US)

E05B 81/14 (2013.01 - EP US); **E05B 85/01** (2013.01 - EP US); **Y10S 292/25** (2013.01 - EP US); **Y10T 70/5978** (2015.04 - EP US); **Y10T 292/1047** (2015.04 - EP US)

Cited by

EP1580366A3; DE202016104528U1; FR2794791A1; FR3054257A1; DE10020971A1; DE10020971B4; DE19913590C2; EP1039080A3; US6338508B1; EP1039080A2

Designated contracting state (EPC)

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DOCDB simple family (publication)

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DOCDB simple family (application)

EP 98401757 A 19980710; BR 9802287 A 19980625; DE 69809152 T 19980710; ES 98401757 T 19980710; FR 9805604 A 19980504; US 12776598 A 19980731