

Title (en)

Lock assembly for vehicle door and proces for testing the proper functioning of a lock modul of this assembly

Title (de)

Verriegelungseinrichtung für eine Kraftfahrzeugtür und Verfahren zur Funktionsprüfung eines Schlossmoduls dieser Einrichtung

Title (fr)

Ensemble de verrouillage d'une porte de véhicule automobile et procédé de test du bon fonctionnement d'un module de serrure de cet ensemble

Publication

EP 1130202 B1 20041110 (FR)

Application

EP 01400531 A 20010228

Priority

FR 0002731 A 20000303

Abstract (en)

[origin: EP1130202A1] The system uses an electric locking module (14) with an electronic card (16) which acts as an interface to a battery (20), a control box (18), door handles and electronic cylinder (22,24,26) and an emergency power source (28). The emergency power source employs a super capacitance (30) to store energy and the electronic card includes a test program in a memory (34). A diode (32) prevents reverse power flow. An Independent claim is also included for the method for testing the locking system.

IPC 1-7

E05B 65/36; **E05B 47/00**

IPC 8 full level

E05B 65/20 (2006.01); **B60J 5/00** (2006.01); **B60R 16/03** (2006.01); **B60R 16/033** (2006.01); **E05B 47/00** (2006.01); **E05B 65/36** (2006.01); **G01M 17/007** (2006.01)

CPC (source: EP US)

E05B 77/12 (2013.01 - EP US); **E05B 81/86** (2013.01 - EP US); **E05B 85/01** (2013.01 - EP US); **E05B 81/90** (2013.01 - EP US); **E05B 2047/0087** (2013.01 - EP US)

Citation (examination)

- GB 2332575 A 19990623 - MOTOROLA INC [US]
- EP 0533037 A1 19930324 - MAGNETI MARELLI SPA [IT]

Cited by

CN107132059A; CN106013987A; CN102918221A; FR2874136A1; CN104136279A; EP2818366A4; US9013056B2; US9043082B2; US9719277B2; WO2020222024A1; WO2015015258A3; WO2011148732A1; WO2020222023A1; JP2011247022A

Designated contracting state (EPC)

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DOCDB simple family (publication)

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DOCDB simple family (application)

EP 01400531 A 20010228; DE 60106993 T 20010228; ES 01400531 T 20010228; FR 0002731 A 20000303; JP 2001059707 A 20010305; US 79787501 A 20010305