

Title (en)

DOOR-LOCKING SYSTEM FOR A MOTOR VEHICLE

Title (de)

TÜRSCHLIESSSYSTEM FÜR EIN KRAFTFAHRZEUG

Title (fr)

SYSTEME DE FERMETURE D'UNE PORTIERE DE VEHICULE AUTOMOBILE

Publication

**EP 1658409 B1 20070627 (DE)**

Application

**EP 04764090 A 20040813**

Priority

- EP 2004009095 W 20040813
- DE 10338789 A 20030823

Abstract (en)

[origin: WO2005021903A1] The invention relates to a door-locking system for a motor vehicle, comprising a locking element (6) that can be actuated in an opening or locking manner via an actuator (4), and a control unit (2) for triggering the actuator (4). According to the invention, a position monitoring means (8) is assigned to at least one locking element (6) in order to detect the locked position. Additionally, each position monitoring means (8) is effectively connected to a control means that verifies whether a proper locked state has been reached so as to be able to compare the setpoint state and the actual state of the locking element (6) such that a feedback signal (R2) can be generated when the states do not correspond. This makes it possible to verify in a simple manner whether all doors and gates of a vehicle are properly locked after performing a locking process.

IPC 8 full level

**E05B 49/00** (2006.01); **E05B 65/20** (2006.01)

CPC (source: EP US)

**E05B 81/78** (2013.01 - EP US); **E05B 81/58** (2013.01 - EP); **E05B 81/62** (2013.01 - EP); **E05B 81/72** (2013.01 - EP US)

Designated contracting state (EPC)

DE FR GB IT

DOCDB simple family (publication)

**WO 2005021903 A1 20050310**; CN 100593067 C 20100303; CN 1836083 A 20060920; DE 10338789 A1 20050324; DE 10338789 B4 20051027; DE 502004004206 D1 20070809; EP 1658409 A1 20060524; EP 1658409 B1 20070627; JP 2007503538 A 20070222; US 2006138866 A1 20060629; US 7521818 B2 20090421

DOCDB simple family (application)

**EP 2004009095 W 20040813**; CN 200480023263 A 20040813; DE 10338789 A 20030823; DE 502004004206 T 20040813; EP 04764090 A 20040813; JP 2006524278 A 20040813; US 35803706 A 20060222