

Title (en)

Vehicle door locking mechanism and method for detecting the closed state of such mechanism

Title (de)

Kraftfahrzeug-Türschliessvorrichtung und Verfahren zur Detektion eines geschlossenen Zustands einer derartigen Vorrichtung

Title (fr)

Dispositif de verrouillage pour porte de véhicule et procédé de détection de la position de fermeture d'un tel dispositif

Publication

**EP 1111168 A3 20010829 (DE)**

Application

**EP 00126747 A 20001206**

Priority

DE 19963129 A 19991224

Abstract (en)

[origin: EP1111168A2] The device has a lock and an associated closure part (4) with a closure bolt (3) that is secured by a holder, e.g. a rotary catch, in the closed state of the closing device. The closure part has a sensor (6) for detecting the closed state with a force or pressure sensitive sensor element mounted on the closure part. The lock has an inlet slot or capture bearing into which the closure bolt can be moved in the closing direction (S). Independent claims are also included for the following: a method of detecting a closed state of a motor vehicle door closing device.

IPC 1-7

**E05B 15/02**; **E05B 17/22**

IPC 8 full level

**E05B 15/02** (2006.01); **E05B 17/22** (2006.01); **E05B 45/06** (2006.01); **E05B 47/00** (2006.01)

CPC (source: EP)

**E05B 81/66** (2013.01); **E05B 81/70** (2013.01); **E05B 85/045** (2013.01)

Citation (search report)

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- [X] PATENT ABSTRACTS OF JAPAN vol. 017, no. 417 (M - 1457) 4 August 1993 (1993-08-04)
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EP2229322A4; FR2973057A1; EP3428057A1; FR3069004A1; US11384575B2; WO2009088961A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

**EP 1111168 A2 20010627**; **EP 1111168 A3 20010829**; **EP 1111168 B1 20030514**; DE 19963129 A1 20010712; DE 50002161 D1 20030618; ES 2199736 T3 20040301

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