

Title (en)

SAFETY SYSTEM FOR A MOTOR VEHICLE DOOR, COMPRISING AT LEAST TWO SENSORS

Title (de)

SICHERHEITSSYSTEM FÜR EINE KRAFTFAHRZEUGTÜR EINES KRAFTFAHRZEUGES MIT MINDESTENS ZWEI SENSOREN

Title (fr)

SYSTÈME DE SÉCURITÉ POUR UNE PORTIÈRE D'UN VÉHICULE À MOTEUR COMPORTANT AU MOINS DEUX DÉTECTEURS

Publication

EP 2890667 A1 20150708 (DE)

Application

EP 13750325 A 20130816

Priority

- DE 102012108004 A 20120830
- EP 2013067110 W 20130816

Abstract (en)

[origin: WO2014032988A1] The invention relates to a safety system (10) for a door (2) in a motor vehicle (1), comprising an electronic unit (15) that includes at least one first (11) and a second sensor (12). Each sensor (11, 12) has its own monitoring zone (13, 14) on the motor vehicle door (2). The safety system (10) further comprises a lock (3) which is arranged on the motor vehicle door (2) and can be switched between a locked position and an unlocked position, as well as a user-held identifier (5) which can be brought into data communication with a transceiver unit (18) in the motor vehicle for authentication purposes (8). The electronic unit (15) is designed in such a way as to be able to generate a trigger signal (6) by having the user (4) execute at least one defined movement pattern (9) within the monitoring zones (13, 14), thus allowing the position of the lock (3) to be switched.

IPC 8 full level

C07C 9/00 (2006.01); **B60R 25/20** (2013.01); **H03K 17/955** (2006.01)

CPC (source: EP US)

B60R 25/2045 (2013.01 - EP US); **E05B 81/04** (2013.01 - US); **E05B 81/64** (2013.01 - US); **E05B 81/77** (2013.01 - EP US); **E05B 81/78** (2013.01 - EP US); **G07C 9/00309** (2013.01 - EP US); **G07C 9/20** (2020.01 - US); **E05Y 2400/852** (2013.01 - EP US); **E05Y 2400/86** (2013.01 - EP US); **G07C 2209/64** (2013.01 - EP US); **H03K 17/955** (2013.01 - EP US); **H03K 2017/9604** (2013.01 - EP US)

Citation (search report)

See references of WO 2014032988A1

Citation (examination)

- DE 102010002559 A1 20110908 - HUF HUELSBECK & FUERST GMBH [DE]
- WO 0108925 A1 20010208 - AB AUTOMOTIVE ELECTRONICS LTD [GB], et al
- DE 112009002451 T5 20120315 - TOYOTA MOTOR CO LTD [JP]

Designated contracting state (EPC)

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BA ME

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