

Title (en)

Circuit and method for preventing a vehicle door from opening unintentionally

Title (de)

Schaltung und Verfahren gegen ungewolltes Öffnen einer Fahrzeugsür

Title (fr)

Circuit et procédé de protection contre l'ouverture involontaire d'une porte de véhicule

Publication

EP 2336465 A3 20150708 (DE)

Application

EP 10015805 A 20101218

Priority

- DE 202009017298 U 20091218
- DE 102009059084 A 20091218

Abstract (en)

[origin: EP2336465A2] The circuit arrangement has a locking mechanism that holds a motor vehicle door in a closed position or open position. An actuator is particularly equipped at an outside door handle (19) or an inside door handle (18). An electric drive, particularly an electric motor (11) is equipped for driving the locking mechanism. An additional electrical circuit element (13) is arranged within the current flowing circuit of the motor. Independent claims are also included for the following: (1) a method for controlling a locking unit of a motor vehicle door; and (2) a controller for a locking mechanism to hold a vehicle door in a closed position or open position.

IPC 1-7

E05B 65/20

IPC 8 full level

E05B 17/22 (2006.01); **E05B 47/00** (2006.01)

CPC (source: EP US)

E05B 81/14 (2013.01 - EP US); **E05B 81/56** (2013.01 - EP US); **E05B 81/76** (2013.01 - EP US); **Y10T 292/03** (2015.04 - EP US); **Y10T 292/57** (2015.04 - EP US)

Citation (search report)

- [X] EP 1281826 A2 20030205 - ARVINMERITOR LIGHT VEHICLE SYS [GB]
- [X] DE 10064020 A1 20010712 - OHI SEISAKUSHO CO LTD [JP]
- [X] DE 19547728 A1 19970626 - VDO SCHINDLING [DE]

Cited by

DE102017009902A1; EP2845973A3; US12000180B2; EP3868987A1; DE102014114979A1; DE102014114979B4

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

EP 2336465 A2 20110622; EP 2336465 A3 20150708; US 2011181056 A1 20110728; US 9080355 B2 20150714

DOCDB simple family (application)

EP 10015805 A 20101218; US 97177210 A 20101217