Title (en)
SAFETY SYSTEM FOR A FLEET VEHICLE

Title (de)
SICHERHEITSSYSTEM FÜR EIN FAHRZEUG EINER FAHRZEUGFLOTTE

Title (fr)
SYSTÈME DE SÉCURITÉ POUR VÉHICULE D'UNE FLOTTE DE VÉHICULES

Publication
EP 3233579 A1 20171025 (DE)

Application
EP 15810672 A 20151217

Priority
• DE 102014226420 A 20141218
• EP 2015080186 W 20151217

Abstract (en)
[origin: WO2016097121A1] The pre-crash system (10) has at least one dummy actuator (14D) and an adaptive pre-trigger function (12) which is implemented with different parameter sets depending on a current degree of validation and analyzes detected physical variables for a pre-crash detection in order to detect an unavoidable crash. A first parameter set that restricts the pre-trigger function (12) to a dummy operation, in which the pre-trigger function (12) generates at least one activation signal for the dummy actuator (14D) if an unavoidable crash can be concluded from the analysis of the physical variables, is implemented until the current degree of validation satisfies a specified condition. The pre-trigger function (12) compares the activation of the dummy actuator (14D) with the behavior of the analysis and control unit (5.1) and classifies the activation of the dummy actuator (14D) as a "correct activation" or as a "faulty activation" depending on the comparison.

IPC 8 full level
B60R 21/013 (2006.01); **B60R 21/017** (2006.01); **G08G 1/16** (2006.01); G01S 13/93 (2020.01); G01S 17/93 (2020.01)

CPC (source: CN EP US)
B60R 21/0134 (2013.01 - US); **B60R 21/0173** (2013.01 - CN EP US); **B60W 30/085** (2013.01 - US); **G07C 5/008** (2013.01 - CN EP US); **G07C 5/085** (2013.01 - CN EP US); **G08G 1/164** (2013.01 - CN EP US); **G08G 1/166** (2013.01 - CN EP US); B60R 21/013 (2013.01 - CN EP US); B60R 21/0136 (2013.01 - CN EP US); G01S 13/93 (2013.01 - US); G01S 17/93 (2013.01 - US)

Citation (search report)
See references of WO 2016097121A1

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

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
DE 102014226420 A1 20160623; **DE 102014226420 B4 20230316**; CN 107107854 A 20170829; EP 3233579 A1 20171025; JP 2017538624 A 20171228; US 10479303 B2 20191119; US 2017349127 A1 20171207; WO 2016097121 A1 20160623

DOCDB simple family (application)
DE 102014226420 A 20141218; CN 201580069524 A 20151217; EP 15810672 A 20151217; EP 2015080186 W 20151217; JP 2017532696 A 20151217; US 201515527408 A 20151217