

Title (en)

SYSTEM AND METHOD FOR DETECTING THE FATIGUE OF A VEHICLE DRIVER

Title (de)

SYSTEM UND VERFAHREN ZUR ERKENNUNG DER MÜDIGKEIT EINES FAHRZEUGFÜHRERS

Title (fr)

SYSTÈME ET PROCÉDÉ DE DÉTECTION DE LA FATIGUE DU CONDUCTEUR D'UN VÉHICULE

Publication

EP 3583540 A1 20191225 (DE)

Application

EP 17800733 A 20171102

Priority

- DE 102017202659 A 20170220
- EP 2017078018 W 20171102

Abstract (en)

[origin: WO2018149519A1] The invention relates to a system for the exact detection of the fatigue of a driver of a vehicle. The system comprises at least one camera for detecting the pupil diameter of the driver of the vehicle; at least one sensor for detecting a current luminance in the vehicle; and at least one computer module for detecting the fatigue of the driver of the vehicle by calculation, wherein the calculation is based on the detected pupil diameter and the detected, current luminance in the vehicle.

IPC 8 full level

G06K 9/00 (2006.01)

CPC (source: EP US)

B60W 40/08 (2013.01 - US); **G06V 20/597** (2022.01 - EP US); **G06V 40/19** (2022.01 - US); **B60W 2040/0818** (2013.01 - US)

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 102017202659 A1 20180823; CN 110313007 A 20191008; CN 110313007 B 20230804; EP 3583540 A1 20191225; US 10832068 B2 20201110; US 2019370582 A1 20191205; WO 2018149519 A1 20180823

DOCDB simple family (application)

DE 102017202659 A 20170220; CN 201780086832 A 20171102; EP 17800733 A 20171102; EP 2017078018 W 20171102; US 201916543856 A 20190819