

Title (en)

AUTOMATED DRIVING BASED ON DRIVER FRUSTRATION

Title (de)

AUTOMATISIERTES FAHREN AUF DER BASIS VON FAHRERFRUSTRATION

Title (fr)

CONDUITE AUTOMATISÉE BASÉE SUR LA FRUSTRATION DU CONDUCTEUR

Publication

EP 4232334 A1 20230830 (EN)

Application

EP 21802010 A 20211025

Priority

- US 202017080367 A 20201026
- IB 2021059836 W 20211025

Abstract (en)

[origin: WO2022090903A1] Methods, systems, and apparatuses are described for engaging autonomous driving algorithms based on driver frustration levels and vehicle conditions. A frustration level of a driver of a vehicle may be determined using one or more sensors. Based on a determination that the frustration level satisfies a threshold, one or more automated driving algorithms which may be engaged by the vehicle to improve the safety of the driver may be determined. The threshold may be based on a road segment traveled by the vehicle, the user, or similar considerations. Based on a determination that the frustration level satisfies a threshold, engagement of the one or more automated driving algorithms may be caused.

IPC 8 full level

B60W 30/182 (2020.01); **B60W 50/00** (2006.01); **B60W 60/00** (2020.01)

CPC (source: EP)

B60W 30/182 (2013.01); **B60W 50/0097** (2013.01); **B60W 60/005** (2020.02); **B60W 2540/215** (2020.02); **B60W 2540/221** (2020.02); **B60W 2555/20** (2020.02); **B60W 2556/50** (2020.02)

Citation (search report)

See references of WO 2022090903A1

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

Designated validation state (EPC)

KH MA MD TN

DOCDB simple family (publication)

WO 2022090903 A1 20220505; CA 3198898 A1 20220505; EP 4232334 A1 20230830

DOCDB simple family (application)

IB 2021059836 W 20211025; CA 3198898 A 20211025; EP 21802010 A 20211025