

Title (en)
METHOD AND SYSTEM FOR PERSONALIZED MOTION PLANNING IN AUTONOMOUS DRIVING VEHICLES

Title (de)
VERFAHREN UND SYSTEM ZUR PERSONALISIERTEN BEWEGUNGSPLANUNG IN AUTONOM FAHRENDEN FAHRZEUGEN

Title (fr)
PROCÉDÉ ET SYSTÈME POUR PLANIFICATION DE MOUVEMENT PERSONNALISÉE DANS DES VÉHICULES À CONDUITE AUTONOME

Publication
EP 3727980 A4 20210804 (EN)

Application
EP 17935411 A 20171218

Priority
IB 2017058085 W 20171218

Abstract (en)
[origin: WO2019122952A1] The present teaching relates to method, system, medium, and implementation of automatic motion planning for an autonomous driving vehicle. Self-aware capability parameters are obtained that are instantiated with respect to a current location of the autonomous driving vehicle and are to be used to estimate the operational capability of the autonomous driving vehicle with respect to the current location. A preference of a passenger present in the autonomous driving vehicle is estimated with respect to vehicle motion. The motion of the autonomous driving vehicle is planned automatically based on the self-aware capability parameters and the preference of the passenger.

IPC 8 full level
G01C 21/34 (2006.01); **B60L 15/38** (2006.01); **G06N 3/08** (2006.01)

CPC (source: EP)
B60L 15/38 (2013.01); **B60W 30/095** (2013.01); **B60W 30/12** (2013.01); **B60W 30/18145** (2013.01); **B60W 30/18154** (2013.01); **B60W 30/18163** (2013.01); **G01C 21/3407** (2013.01); **G01C 21/3484** (2013.01); **G06N 3/08** (2013.01); **B60W 2510/0638** (2013.01); **B60W 2510/081** (2013.01); **B60W 2520/06** (2013.01); **B60W 2520/10** (2013.01); **B60W 2530/20** (2013.01); **B60W 2540/22** (2013.01); **B60W 2540/26** (2013.01); **B60W 2540/30** (2013.01); **B60W 2552/00** (2020.02); **B60W 2552/05** (2020.02); **B60W 2552/15** (2020.02); **B60W 2552/20** (2020.02); **B60W 2552/30** (2020.02); **B60W 2554/00** (2020.02); **B60W 2555/20** (2020.02); **B60W 2555/60** (2020.02); **B60W 2556/50** (2020.02); **G06N 7/01** (2023.01); **Y02T 90/16** (2013.01)

Citation (search report)

- [X] US 2017267256 A1 20170921 - MINSTER GAUTIER [US], et al
- See references of WO 2019122952A1

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)
WO 2019122952 A1 20190627; CN 111433101 A 20200717; EP 3727980 A1 20201028; EP 3727980 A4 20210804

DOCDB simple family (application)
IB 2017058085 W 20171218; CN 201780097496 A 20171218; EP 17935411 A 20171218