

Title (en)

METHOD FOR TRAJECTORY PLANNING OF AN ASSISTANCE SYSTEM

Title (de)

VERFAHREN ZUR TRAJEKTORIENPLANUNG EINES ASSISTENZSYSTEMS

Title (fr)

PROCÉDÉ DE PLANIFICATION DE TRAJECTOIRE D'UN SYSTÈME D'ASSISTANCE

Publication

EP 3924797 A1 20211222 (DE)

Application

EP 20707559 A 20200116

Priority

- DE 102019201800 A 20190212
- DE 2020200005 W 20200116

Abstract (en)

[origin: WO2020164670A1] The invention relates to a method for trajectory planning of a driver assistance system, particularly an assistance system for longitudinal or transverse control, wherein a trajectory (T1, T3-T7) having a total duration (te) which can be set is determined and the trajectory (T3, T5, T7) is divided into segments, wherein each segment has a variable segment duration (Δt_1 , Δt_2 , Δt_3) and the total of the segment durations (Δt_1 , Δt_2 , Δt_3) corresponds to the set total duration (te) of the trajectory (T3, T5, T7).

IPC 8 full level

G05D 1/02 (2020.01); **B60W 30/14** (2006.01); **B60W 30/16** (2020.01); **B60W 30/165** (2020.01); **B60W 30/17** (2020.01); **B60W 50/06** (2006.01)

CPC (source: EP US)

B60W 30/143 (2013.01 - EP US); **B60W 30/16** (2013.01 - EP US); **B60W 30/165** (2013.01 - EP); **B60W 30/17** (2013.01 - EP);
B60W 50/06 (2013.01 - EP); **B60W 2554/802** (2020.02 - EP US); **B60W 2554/804** (2020.02 - EP US); **B60W 2720/103** (2013.01 - EP US);
B60W 2720/106 (2013.01 - EP US)

Cited by

CN114590274A

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 102019201800 A1 20200813; CN 113412458 A 20210917; CN 113412458 B 20231229; EP 3924797 A1 20211222;
JP 2022515437 A 20220218; JP 7266684 B2 20230428; US 2022176958 A1 20220609; WO 2020164670 A1 20200820

DOCDB simple family (application)

DE 102019201800 A 20190212; CN 202080012725 A 20200116; DE 2020200005 W 20200116; EP 20707559 A 20200116;
JP 2021537116 A 20200116; US 202017310580 A 20200116