

Title (en)

METHOD FOR AUTONOMOUSLY DRIVING AN ACTUATOR OF A DEVICE

Title (de)

VERFAHREN ZUM AUTONOMEN ANTREIBEN EINES AKTUATORS EINER VORRICHTUNG

Title (fr)

PROCÉDÉ DE PILOTAGE AUTONOME D'UN ACTIONNEUR D'UN APPAREIL

Publication

EP 4320026 A1 20240214 (FR)

Application

EP 22710413 A 20220309

Priority

- FR 2103505 A 20210406
- EP 2022056097 W 20220309

Abstract (en)

[origin: WO2022214268A1] The invention relates to a method for autonomously driving an actuator of an automotive device (10), said actuator being intended to have an influence on the trajectory of said device, the method comprising steps of: - acquiring parameters relating to the trajectory of the device; and - a computer (13) calculating a setpoint for driving said actuator as a function of said parameters, by means of a controller associated with at least one saturation function for an output of the controller. According to the invention, the controller satisfies a model of said at least one saturation function per nonlinear sector.

IPC 8 full level

B62D 15/02 (2006.01); **B60W 30/09** (2012.01); **B60W 50/00** (2006.01); **B60W 60/00** (2020.01); **G05D 1/00** (2024.01)

CPC (source: EP KR)

B60W 50/0098 (2013.01 - EP KR); **B60W 60/001** (2020.02 - EP KR); **B62D 15/025** (2013.01 - EP KR)

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)

FR 3121410 A1 20221007; **FR 3121410 B1 20240308**; CN 117120323 A 20231124; EP 4320026 A1 20240214; JP 2024514548 A 20240402; KR 20230166124 A 20231206; WO 2022214268 A1 20221013

DOCDB simple family (application)

FR 2103505 A 20210406; CN 202280026942 A 20220309; EP 2022056097 W 20220309; EP 22710413 A 20220309; JP 2023561023 A 20220309; KR 20237037966 A 20220309