

Title (en)

METHOD FOR CONFIGURING A COMPUTER, DRIVING-ASSISTANCE DEVICE COMPRISING SUCH A COMPUTER AND MOTOR VEHICLE EQUIPPED WITH SUCH A DEVICE

Title (de)

VERFAHREN ZUM KONFIGURIEREN EINES COMPUTERS, FAHRUNTERSTÜTZUNGSVORRICHTUNG MIT EINEM SOLCHEN COMPUTER UND KRAFTFAHRZEUG MIT EINER SOLCHEN VORRICHTUNG

Title (fr)

PROCEDE DE PARAMETRAGE D'UN CALCULATEUR, DISPOSITIF D'AIDE A LA CONDUITE COMPORTANT UN TEL CALCULATEUR ET VEHICULE AUTOMOBILE EQUIPE D'UN TEL DISPOSITIF

Publication

EP 4107051 A1 20221228 (FR)

Application

EP 21700964 A 20210121

Priority

- FR 2001541 A 20200217
- EP 2021051364 W 20210121

Abstract (en)

[origin: WO2021164975A1] The invention relates to a method for configuring a computer (52) of a dynamic gauge representative of a predictable trajectory of at least one wheel of a motor vehicle (1), the method comprising - a step of compiling a database (4) associating, with each pair of steering wheel angle and vehicle speed values, at least two point coordinates (i_ini, i_fin) of a gauge (20) and a plurality of parameters of an approximation function of the shape of the gauge (20), - a step of training an algorithm to determine the dynamic gauge (20) depending on the steering wheel angle and the vehicle speed, the algorithm receiving the database (4) as training data, - saving the algorithm in the computer (52). The invention also relates to a driving-assistance device comprising a computer configured according to the invention, as well as a motor vehicle equipped with such a device.

IPC 8 full level

B62D 15/02 (2006.01); **G01C 21/34** (2006.01); **G06N 3/04** (2006.01)

CPC (source: EP)

B62D 15/0295 (2013.01); **G01C 21/3407** (2013.01); **G06N 3/045** (2023.01)

Citation (search report)

See references of WO 2021164975A1

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 3107380 A1 20210820; **FR 3107380 B1 20220114**; EP 4107051 A1 20221228; WO 2021164975 A1 20210826

DOCDB simple family (application)

FR 2001541 A 20200217; EP 2021051364 W 20210121; EP 21700964 A 20210121