Title (en)
METHOD AND SYSTEM FOR CALIBRATING AT LEAST ONE VEHICLE SENSOR ARRANGED IN A VEHICLE

Title (de)
VERFAHREN UND SYSTEM ZUM KALIBRIEREN MINDESTENS EINES IN EINEM FAHRZEUG ANGEORDNETEN FAHRZEUGSENSORS

Title (fr)
PROCÉDÉ ET SYSTÈME PERMETTANT D'ÉTALONNER AU MOINS UN CAPTEUR DE VÉHICULE AGENCÉ DANS UN VÉHICULE

Publication
**EP 4302269 A1 20240110 (DE)**

Application
**EP 22711171 A 20220218**

Priority
• DE 102021201923 A 20210301
• EP 2022054130 W 20220218

Abstract (en)
[origin: WO2022184475A1] A method for calibrating at least one vehicle sensor arranged in a vehicle is proposed, having the steps of providing the vehicle in a calibration area, detecting a vehicle position in a spatially fixed coordinate system by means of an optical detection system arranged in the calibration area, determining a position of the relevant vehicle sensor in the spatially fixed coordinate system, arranging a calibration object in a detection field of the relevant vehicle sensor in the calibration area, detecting a calibration object position in the spatially fixed coordinate system by means of the optical detection system, transforming the calibration object position into an estimated vehicle-sensor-fixed coordinate system in order to obtain a first relative position, detecting the position of the calibration object by means of the vehicle sensor in the vehicle-sensor-fixed coordinate system as a second relative position, calculating intrinsic and/or extrinsic calibration parameters from a comparison between the first relative position and the second relative position, and storing the calibration parameters in the relevant vehicle sensor and/or in an electronic unit coupled to the relevant vehicle sensor.

IPC 8 full level
**G06T 7/80** (2017.01)

CPC (source: EP)
**G06T 7/80** (2016.12)

Citation (search report)
See references of WO 2022184475A1

Designated contracting state (EPC)
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BA ME

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DOCDB simple family (publication)
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