Title (en)

DEVICE AND METHOD FOR THE GEOMETRIC CALIBRATION OF SENSOR DATA FORMED BY MEANS OF A VEHICLE SENSOR SYSTEM

Title (de)

VORRICHTUNG UND VERFAHREN ZUM GEOMETRISCHEN KALIBRIEREN VON MITTELS EINES SENSORSYSTEMS EINES FAHRZEUGS GEBILDETEN SENSORDATEN

Title (fr)

DISPOSITIF ET PROCÉDÉ D'ÉTALONNAGE GÉOMÉTRIQUE DE DONNÉES DE CAPTEUR FORMÉES À L'AIDE D'UN SYSTÈME CAPTEUR DE VÉHICULE

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Abstract (en)

[origin: WO2013050188A1] The invention relates to a device (101, 403) for the geometric calibration of sensor data formed by means of a vehicle (401) sensor system (405), said sensor data corresponding to the vehicle surroundings. Said device comprises a determination device (103) for determining a geometric variable in the sensor units of a physical object of the vehicle surroundings based on the sensor data, an interrogator (105) for requesting the geometric variables in real physical units of the physical object in a data base (303, 409), in which geometric variables in real physical units of physical objects allocated to a path are stored, and a calculator (107) for calculating a conversion factor for converting sensor units into real physical units based on the determined geometric variable in the sensor units and the determined geometric variable in real physical units. The invention also relates to a corresponding method and to a corresponding system (301). The invention further relates to a corresponding computer program.

IPC 8 full level

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CPC (source: EP US)

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