

Title (en)

DETERMINING MOVEMENT INFORMATION WITH ENVIRONMENT SENSORS

Title (de)

BESTIMMUNG VON BEWEGUNGSINFORMATION MIT UMGEBUNGSSSENSOREN

Title (fr)

DÉTERMINATION D'INFORMATION DE DÉPLACEMENT PAR DES CAPTEURS D'ENVIRONNEMENT

Publication

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Application

EP 17821793 A 20171127

Priority

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Abstract (en)

[origin: WO2018127328A1] The invention relates to a method for determining movement information, in particular for a driver assistance system (20), with a first and a second environment sensor (22, 24), comprising the steps: determining a first key pose (16) of a first environment sensor (22) at a first reference time, wherein the first key pose (16) delivers a feature set of an environment of a position; determining a first feature set (18) with the first environment sensor (22) at a first reference time plus a first time difference relative to the first key pose (16); determining a second key pose (16) of a second environment sensor (24) at a second reference time, wherein the second key pose (16) delivers a feature set of an environment of a position; determining a second feature set (18) with the second environment sensor (24) at a second reference time plus a second time difference relative to the second key pose (16); determining a first relative position change from the features of the first feature set (18) in relation to the first key pose (16) and a second relative position change from the features of the second feature set (18) in relation to the second key pose (16); and estimating the movement information on the basis of the first and second position changes of the first and second environment sensors (22, 24) together with the first and second reference times and the first and second time differences.

IPC 8 full level

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