

Title (en)

METHOD AND DEVICE FOR DETERMINING A QUALITY OF A SURFACE IN THE SURROUNDINGS OF A VEHICLE

Title (de)

VERFAHREN UND VORRICHTUNG ZUM BESTIMMEN EINER BESCHAFFENHEIT EINER OBERFLÄCHE IN DER UMGBUNG EINES FAHRZEUGS

Title (fr)

PROCÉDÉ ET DISPOSITIF DE DÉTERMINATION DE LA NATURE D'UNE SURFACE DANS L'ENVIRONNEMENT D'UN VÉHICULE

Publication

**EP 3646237 A1 20200506 (DE)**

Application

**EP 18740122 A 20180628**

Priority

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Abstract (en)

[origin: WO2019002482A1] The invention relates to a method for determining a quality of a surface in the surroundings of a vehicle (1), wherein three-dimensional surface coordinates of the surface are generated using a sensor assembly (7, 8). The method according to the invention is characterized in that an approximation of the course of the curvature of the surface in at least one direction is obtained on the basis of the surface coordinates, and the surface coordinates are classified in order to characterize the quality of the surface using the course of the curvature and/or vertical distances of the approximation of the course of the curvature from the three-dimensional surface coordinates. The invention further relates to a device for carrying out said method.

IPC 8 full level

**G06K 9/00** (2006.01)

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Citation (search report)

See references of WO 2019002482A1

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