

Title (en)

METHOD FOR DISPLAYING THE SURROUNDINGS OF A VEHICLE ON A DISPLAY DEVICE, PROCESSING UNIT, AND VEHICLE

Title (de)

VERFAHREN ZUM ANZEIGEN EINER UMGEBUNG EINES FAHRZEUGES AUF EINER ANZEIGEEINRICHTUNG, VERARBEITUNGSEINHEIT UND FAHRZEUG

Title (fr)

PROCÉDÉ POUR AFFICHER L'ENVIRONNEMENT D'UN VÉHICULE SUR UN DISPOSITIF D'AFFICHAGE, UNITÉ DE TRAITEMENT ET VÉHICULE

Publication

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Application

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Priority

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Abstract (en)

[origin: WO2022049040A1] The invention relates to a method for displaying the surroundings of the vehicle (1) on a display device (7), having at least the following steps: - capturing the surroundings using at least two cameras, each of which has a different field of view, the fields of view of adjacent cameras overlapping; - generating a 360° image (RB) from at least two individual images of different cameras, said individual images being projected onto a reference plane in order to generate the 360° image (RB); - ascertaining depth information on at least one object (O) in the surroundings from at least two different individual images of the same camera by means of triangulation; - generating at least one overlay structure (20) on the basis of the ascertained depth information, wherein each overlay structure (20) is uniquely assigned to an imaged object (O); and - displaying the generated 360° image (RB) containing the at least one object (O) and the at least one generated overlay structure (20) on the display device (7) such that the at least one overlay structure (20) is displayed on and/or adjacently to the respective object (O).

IPC 8 full level

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