Title (en)

METHOD FOR INTEGRATING VIRTUAL OBJECTS INTO VEHICLE DISPLAYS

Title (de)

VERFAHREN ZUR INTEGRATION VON VIRTUELLEN OBJEKTEN IN FAHRZEUGANZEIGEN

Title (fr)

PROCÉDÉ D'INTÉGRATION D'OBJETS VIRTUELS DANS DES AFFICHAGES DE VÉHICULE

Publication

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Application

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Abstract (en)

[origin: WO2013053438A2] The invention relates to a method for displaying virtual objects in vehicle displays using a digital image of a defined real 3D-object space recorded by at least one camera, in which, in a first step, a virtual road layout (10) is generated by obtaining perspective information from the digital image of the defined real 3D-object space and, in a second step, a predetermined virtual 3D-object (20) is generated, wherein, in a third step, the virtual 3D-object is adapted in terms of perspective and exact location (30) in accordance with the virtual road layout of the defined real 3D-object space and, in a fourth step, the adapted virtual 3D-object is integrated into the virtual road layout of the defined real 3D-object space (40). The invention further relates to a device (100) for carrying out the above method. By means of said device, images of a surrounding area can be supplemented with virtual 3D-objects - for example, additional information - correctly integrated in terms of perspective.

IPC 8 full level

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