

Title (en)

METHOD FOR DISPLAYING AN IMAGE OF THE AREA SURROUNDING A VEHICLE ON A TOUCH SCREEN INSTALLED IN THE VEHICLE

Title (de)

VERFAHREN ZUM ANZEIGEN EINES BILDES DER UMGEBUNG EINES FAHRZEUGS AUF EINEM IM FAHRZEUG INSTALLIERTEN
BERÜHRUNGSBILDSCHIRM

Title (fr)

PROCEDE D'AFFICHAGE D'UNE IMAGE DE L'ENVIRONNEMENT D'UN VEHICULE SUR UN ECRAN TACTILE EQUIPANT LE VEHICULE

Publication

EP 3707679 A1 20200916 (FR)

Application

EP 18795667 A 20181105

Priority

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Abstract (en)

[origin: WO2019091920A1] The invention relates to a method for displaying an image of the area surrounding a vehicle on a touch screen installed in the vehicle, comprising the steps of: a) displaying, on the touch screen, an image of the vehicle as it would be seen from a virtual camera placed in an initial position, and at least one graphic element associated with a position parameter of the virtual camera; b) acquiring the location of a point of the element selected by the user by pressing the touch screen; c) calculating the value of the position parameter according to the location of the point, and deriving a new position for the virtual camera; d) acquiring real images of the surrounding area using image sensors; e) using the real images to build a virtual image of the area surrounding the vehicle as seen from the virtual camera placed in the new position; and f) displaying the virtual image on the touch screen.

IPC 8 full level

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