

Title (en)

METHOD FOR DRIVING A PIXELATED PROJECTING MODULE FOR A MOTOR VEHICLE

Title (de)

VERFAHREN ZUM ANSTEUERN EINES PIXELIERTEN PROJEKTIONSMODULS FÜR EIN KRAFTFAHRZEUG

Title (fr)

PROCÉDÉ DE PILOTAGE DE MODULE DE PROJECTION PIXÉLISÉ POUR VÉHICULE AUTOMOBILE

Publication

**EP 3899859 A1 20211027 (FR)**

Application

**EP 19813022 A 20191205**

Priority

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- EP 2019083864 W 20191205

Abstract (en)

[origin: WO2020126525A1] The invention relates to a method for driving a pixelated projecting module for a motor vehicle, said method comprising the following steps: - a reference image and/or pattern (200) that it is desired to project onto the road (300) are/is determined (110); - the height of the projecting module with respect to the road is determined (120); - a starting point of the projection of said modules is determined (130); - a potential deformation of the reference image (200) is determined (140); - an inverse deformation matrix is applied (150) to the reference image (200) in order to obtain a deformed image (210); - the scale of the deformed image (210) is changed (160), in order to achieve the same resolution as the projecting module mounted on the host vehicle; -the image (231, 232) resulting from the various transformations of the preceding steps is projected (170) onto the road (300).

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

See references of WO 2020126525A1

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