Title (en)

LIGHTING SYSTEM FOR ASCERTAINING GEOMETRIC PROPERTIES, AND DRIVER ASSISTANCE SYSTEM AND METHOD THEREFOR

Title (de)

LEUCHTSYSTEM ZUR ERMITTLUNG GEOMETRISCHER EIGENSCHAFTEN SOWIE FAHRERASSISTENZSYSTEM UND VERFAHREN DAZU

Title (fr)

SYSTÈME D'ÉCLAIRAGE POUR DÉTERMINER DES PROPRIÉTÉS GÉOMÉTRIQUES ET SYSTÈME D'AIDE À LA CONDUITE ET PROCÉDÉ CORRESPONDANT

Publication

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Application

EP 17811194 A 20171124

Priority

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Abstract (en)

[origin: WO2018099525A1] The invention relates to a driver assistance system of a motor vehicle comprising a lighting system (1) of the motor vehicle, having an illumination unit (2) configured to illuminate a scene (3) in the surroundings of the vehicle by projecting a total area (5), consisting of a total number of actuatable pixels (4), wherein the illumination unit (2) is configured to project a predefined pattern onto the scene; an image capture unit (7) configured to capture an image of at least part of the scene; and a computation unit (8) configured to compute at least one geometric property (9; 10) of the scene by means of the captured image and the predefined pattern.

IPC 8 full level

G06K 9/00 (2006.01)

CPC (source: EP US)

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