

Title (en)

METHOD AND DEVICE FOR CONTROLLING THE DIFFUSION OF LIGHT IN A MOTOR VEHICLE

Title (de)

VERFAHREN UND VORRICHTUNG ZUR STEUERUNG DER LICHTVERTEILUNG EINES KRAFTFAHRZEUGES

Title (fr)

PROCEDE ET DISPOSITIF POUR COMMANDER LA DIFFUSION DE LUMIERE D'UN VEHICULE AUTOMOBILE

Publication

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Application

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Abstract (en)

[origin: WO03106219A1] The invention relates to a method for controlling the diffusion of light in a motor vehicle. The inventive method comprises the following steps for early recognition of potential obstacles: the surroundings located ahead of the vehicle are detected by a camera system, the detection range of said camera system being at least greater than the range of the actual light being diffused by the headlights of the vehicle; the digital data of the detected surroundings of the vehicle is processed by an image-processing system which is located inside the vehicle in order to recognize potential obstacles that lie outside the range of the actual light diffused by the headlights; and the diffusion of light of at least one headlight is modified such that at least some parts of the potential obstacle are illuminated by the headlight of the vehicle.

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