

Title (en)

METHOD FOR CONTROLLING A LUMINOUS DEVICE WITH A VIEW TO EMITTING A PIXELATED LIGHT BEAM

Title (de)

VERFAHREN ZUR STEUERUNG EINER LEUCHTVORRICHTUNG IM HINBLICK AUF DIE EMISSION EINES PIXELIERTEN LICHTSTRAHLS

Title (fr)

PROCÉDÉ DE CONTRÔLE D'UN DISPOSITIF LUMINEUX POUR L'ÉMISSION D'UN FAISCEAU LUMINEUX PIXELISÉ

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Application

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Abstract (en)

[origin: WO2020234021A1] The invention relates to a method for controlling a luminous device of a motor vehicle comprising one or more luminous modules, each module comprising a plurality of light sources and an optical device that are arranged to emit a pixelated light beam in a preset emission region, the method comprising the following steps: (E1) receiving an instruction (It) to emit a desired pixelated luminous function; (E2) for each of the luminous modules, creating a digital image (I3, I4) forming one segment of the desired pixelated luminous function in a frame (C3, C4) corresponding to the preset emission region of the luminous module, the digital image being independent of the types of light sources and of optical device of the luminous module; (E3) for each of the luminous modules, correcting said created digital image depending on the types of light sources and of optical device of the luminous module; and (E4) for each of the luminous modules, emitting, with the luminous module, into the preset emission region, a pixelated light beam corresponding to the corrected digital image (I3', I4').

IPC 8 full level

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