

Title (en)

LIGHTING SYSTEM COMPRISING A PIXELATED LIGHT SOURCE AND A CURRENT SENSOR

Title (de)

BELEUCHTUNGSSYSTEM MIT EINER PIXELIERTEN LICHTQUELLE UND EINEM STROMSENSOR

Title (fr)

SYSTÈME D'ÉCLAIRAGE COMPORTANT UNE SOURCE DE LUMIÈRE PIXELISÉE ET UN CAPTEUR DE COURANT

Publication

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Application

EP 20788834 A 20201014

Priority

- FR 1911433 A 20191015
- EP 2020078974 W 20201014

Abstract (en)

[origin: WO2021074259A1] The invention relates to a lighting system (1) for a motor vehicle, comprising: a pixelated light source (2) having a plurality of selectively activatable elementary light sources (21), the activation of each elementary light source being controlled exclusively by a switch (22) assigned to said elementary light source; a power converter (3) designed to supply an electrical power (Ps) to the pixelated light source; a controller (4) designed to control the voltage (Vs) supplied by the power converter and to control the switches controlling the activation of the elementary light sources; the lighting system comprising an electrical current sensor (5) designed to measure the electrical current (Is) supplied by the power converter to the pixelated light source and to transmit information relating to said measured current to the controller.

IPC 8 full level

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Citation (search report)

See references of WO 2021074259A1

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