

Title (en)

METHOD FOR CONTROLLING A LIGHTING DEVICE, AND LIGHTING DEVICE

Title (de)

VERFAHREN ZUR STEUERUNG EINER LEUCHTEINRICHTUNG UND LEUCHTEINRICHTUNG

Title (fr)

PROCÉDÉ DE COMMANDE D'UN DISPOSITIF D'ÉCLAIRAGE ET DISPOSITIF D'ÉCLAIRAGE

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Application

EP 16788457 A 20161011

Priority

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Abstract (en)

[origin: WO2017067822A1] The invention relates to a method for controlling a lighting device (6) comprising at least two lighting means (1, 2, 3, 4, 5) having different emission characteristics: in a sensing step at least one actual temperature value is sensed and during a predeterminable sensing period at least one item of temperature change information is sensed; in a control signal generating step new control signals for the respective activation of the at least two lighting means (1, 2, 3, 4, 5) for emission of a predetermined spectral power distribution by means of the lighting device (6) are determined as a function of the at least one sensed actual temperature value and the at least one item of temperature change information; and in an activating step the new control signals are transmitted to an operating unit (12), by which the operating current for each lighting means (1, 2, 3, 4, 5) is provided, in order to keep the spectral power distribution emitted by the lighting device (6) as constant as possible during the operation of the lighting device (6). In the sensing step an average operating temperature of the at least two illumination means (1, 2, 3, 4, 5) can be sensed as an actual temperature value or for each lighting means (1, 2, 3, 4, 5) an operating temperature can be sensed as actual temperature value of the relevant lighting means.

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