

Title (en)

ELECTRONIC BALLAST AND METHOD FOR CONTROLLING AT LEAST ONE LIGHT SOURCE

Title (de)

ELEKTRONISCHES VORSCHALTGERÄT UND VERFAHREN ZUM ANSTEUERN MINDESTENS EINER LICHTQUELLE

Title (fr)

BALLAST ÉLECTRONIQUE ET PROCÉDÉ POUR COMMANDER AU MOINS UNE SOURCE LUMINEUSE

Publication

EP 2232956 A1 20100929 (DE)

Application

EP 08708151 A 20080124

Priority

EP 2008050812 W 20080124

Abstract (en)

[origin: WO2009092448A1] The invention relates to an electronic ballast for controlling at least one light source (La). Said electronic ballast comprises: an input for connecting a supply voltage (Uv); an output (A) for connecting the at least one light source (La); an oscillator (22) which is designed to supply an oscillator output signal having a first frequency fosc at the output and has a calibration input (20) in order to change the first frequency fosc; and a microcontroller (12) for supplying a control signal having at least one spectral component at a second frequency fsignal for the at least one light source (La), said microcontroller (12) being coupled to the oscillator output and being designed to generate the second frequency fsignal in accordance with the first frequency fosc. The electronic ballast also comprises a control circuit (16) which is coupled to the calibration input (20) and is designed to vary the first frequency fosc by means of the calibration input (20) during normal operation of the electronic ballast. The invention further relates to a corresponding method for controlling at least one light source by means of an electronic ballast.

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

See references of WO 2009092448A1

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