Title (en)
SYSTEM FOR OPERATING A LAMP

Title (de)
ANORDNUNG ZUM BETREIBEN EINER LAMPE

Title (fr)
SYSTEME DE MISE EN OEUVRE D'UNE LAMPE

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Application
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Abstract (en)
[origin: WO9706654A1] The invention relates to a system for operating a lamp comprising encoding means for perturbing part of a predetermined number of half periods of the sinusoidal supply voltage, the number of half periods forming a control period, and a ballast circuit with input terminals (1', 2') coupled to the encoding means for receiving the perturbed voltage. The ballast circuit comprises means (A, B, C, E) for generating a lamp current out of the perturbed voltage, means (G) coupled to the means for generating a lamp current, for controlling an operating characteristic of the lamp in dependency of a control signal, and decoding means (I) for generating the control signal depending on the shape of the control period. The perturbations applied by the encoding means change the amplitude of the sinusoidal supply voltage of only a part of each perturbed half period of the supply voltage, thus preventing light flickering.

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