

Title (en)

METHOD FOR DETECTING A LAMP CHANGE AND ELECTRONIC LAMP BALLAST FOR OPERATING GAS-DISCHARGE LAMPS USING SUCH A METHOD FOR DETECTING A LAMP CHANGE

Title (de)

LAMPENWECHSELERKENNUNGSVERFAHREN UND ELEKTRONISCHES VORSCHALTGERÄT ZUM BETREIBEN VON GASENTLADUNGSLAMPEN MIT HILFE EINES DERARTIGEN LAMPENWECHSELERKENNUNGSVERFAHRENS

Title (fr)

PROCEDE DE DETECTION DE CHANGEMENT DE LAMPE ET BALLAST ELECTRONIQUE DESTINE AU FONCTIONNEMENT DE LAMPES A DECHARGE A L'AIDE D'UN TEL PROCEDE DE DETECTION DE CHANGEMENT DE LAMPE

Publication

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Application

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Abstract (en)

[origin: WO9934649A1] The invention relates to a method for detecting a change of gas-discharge lamp and to an electronic lamp ballast with such a method is used. To detect a lamp change a supply voltage of a certain frequency is applied to a load circuit (E) to which at least one gas-discharge lamp (G1, G2) is connected. The transient response of the load circuit (E) is monitored which is set in line with the supply voltage of a certain frequency being applied. On the basis of the transient response it is determined whether one of the gas-discharge lamps connected to the load circuit (E) has been cut off or whether all gas-discharge lamps (G1, G2) are correctly connected to said load circuit (E).

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