

Title (en)

CIRCUIT ASSEMBLY AND METHOD FOR THE OPERATION OF AT LEAST ONE DIELECTRICALLY IMPEDED DISCHARGE LAMP

Title (de)

SCHALTUNGSANORDNUNG UND VERFAHREN ZUM BETRIEB MINDESTENS EINER DIELEKTRISCH BEHINDERTEN ENTLADUNGSLAMPE

Title (fr)

CIRCUIT ET PROCEDE D'UTILISATION D'AU MOINS UNE LAMPE A DECHARGE A EMPECHEMENT DIELECTRIQUE

Publication

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Application

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Abstract (en)

[origin: WO2007017203A1] The invention relates to a circuit assembly for operating at least one dielectrically impeded discharge lamp (La1) comprising an isolating transformer that is equipped with a switch (T1) in order to generate an operating signal for the at least one dielectrically impeded discharge lamp (La1) as well as a triggering circuit (14) for the switch (T1), which is configured so as to supply a pulse width-modulated square wave signal to the switch (T1). The switch-on times of the pulse width-modulated square wave signal depend upon the value of the resistance (R1, R2, R3) of a resistor assembly (20) that is connected to the triggering circuit (14), the value of the resistance (R1, R2, R3) of the resistor assembly (20) being provided with at least one time-dependent component (RT3). Also disclosed is a method for operating at least one dielectrically impeded discharge lamp (La1) on such a circuit assembly.

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