Title (en)

METHOD FOR OPERATING A HIGH-PRESSURE DISCHARGE LAMP ON THE BASIS OF A LOW FREQUENCY SQUARE WAVE OPERATION AND A PARTIALLY HIGH FREQUENCY OPERATION FOR ARC STABILIZATION AND COLOR MIXING

Title (de)

VERFAHREN ZUM BETRIEB EINER HOCHDRUCKENTLADUNGSLAMPE AUF DER BASIS EINES NIEDERFREQUENTEN RECHTECKBETRIEBS UND EINEM TEILWEISEN HOCHFREQUENTEN BETRIEB ZUR BOGENSTABILISIERUNG UND ZUR FARBDURCHMISCHUNG

Title (fr)

PROCÉDÉ POUR FAIRE FONCTIONNER UNE LAMPE À DÉCHARGE HAUTE PRESSION SUR LA BASE D'UN FONCTIONNEMENT ONDES CARRÉES BASSE FRÉQUENCE ET D'UN FONCTIONNEMENT PARTIELLEMENT HAUTE FRÉQUENCE POUR LA STABILISATION DE L'ARC ET POUR LE MÉLANGE DE COULEUR

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Application

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Abstract (en)

[origin: WO2011141282A1] The invention relates to a method for operating a high-pressure discharge lamp, having the following steps: a) a voltage having a first frequency is applied to the high-pressure discharge lamp during a first time slice, and said voltage is modulated at a second frequency and a first modulation factor, b) a voltage having a third frequency is applied to the high-pressure discharge lamp during a second time slice, and said frequency is modulated at a fourth frequency and a second modulation factor, c) a voltage of a fifth frequency is applied to the high-pressure discharge lamp during a third time slice. The invention further relates to an operating device for operating a high-pressure discharge lamp, performing the above method.

IPC 8 full level

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