

Title (en)

METHOD FOR OPERATING A GAS DISCHARGE LAMP AND GAS DISCHARGE LAMP SYSTEM

Title (de)

VERFAHREN ZUM BETREIBEN EINER GASENTLADUNGSLAMPE UND GASENTLADUNGSLAMPENSYSTEM

Title (fr)

PROCÉDÉ PERMETTANT DE FAIRE FONCTIONNER UNE LAMPE À DÉCHARGE DE GAZ ET SYSTÈME DE LAMPE À DÉCHARGE DE GAZ

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Application

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Abstract (en)

[origin: WO2011134800A2] The invention relates to a method of operating a gas discharge lamp (1), wherein said gas discharge lamp (1) comprises a discharge vessel (2), two electrodes (4a, 4b) protruding into the hollow space (3) of said vessel, and at least one capacitive ignition aid element (5). A DC voltage superimposed with a high frequency AC voltage is applied to the electrodes (4a, 4b) and/or to the at least one capacitive ignition aid element (5) whilst the gas discharge lamp is being ignited. Said gas discharge lamp system is equipped with at least one gas discharge lamp (1) and a control device (6) for activating the at least one gas discharge lamp (1) which comprises a discharge vessel (2), two electrodes (4a, 4b) protruding into the hollow space (3) of said vessel, also comprising at least one capacitive ignition aid element (5), and the control device (6) is configured such that a DC voltage superimposed with a high frequency AC voltage is applied to the electrodes (4a, 4b) of the respective gas discharge lamps (1).

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