

Title (en)

DEVICE FOR DETECTING THE RECTIFICATION EFFECT OCCURRING IN A GAS DISCHARGE LAMP

Title (de)

VORRICHTUNG ZUM ERFASSEN DES IN EINER GASENTLADUNGSLAMPE AUFTRETENDEN GLEICHRICHTEFFEKTS

Title (fr)

DISPOSITIF DE DETECTION DE L'EFFET DE REDRESSEMENT DANS UNE LAMPE A DECHARGE

Publication

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Application

EP 98912300 A 19980212

Priority

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- EP 9800791 W 19980212

Abstract (en)

[origin: US6140771A] Method for detecting the rectification effect in at least one gas discharge lamp (10) and electronic ballast for operating at least one gas discharge lamp, which recognises the appearance of the rectification effect in the gas discharge lamp (10). In order to be able to detect the appearance of the rectification effect in the gas discharge lamp (10) simply and with high sensitivity there is monitored the current (i1) flowing via a primary winding (7A), connected parallel to the gas discharge lamp (10), of a heating transformer (7A-C) or a parameter (i2, u3) dependent upon this current (i1) , and in the event that a predetermined limit value is overshoot the presence of the rectification effect in the gas discharge lamp (10) is determined.

IPC 1-7

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