

Title (en)

CIRCUIT ARRANGEMENT AND METHOD FOR THE OPERATION OF HIGH-PRESSURE GAS DISCHARGE LAMPS

Title (de)

SCHALTUNGSANORDNUNG UND VERFAHREN ZUM BETREIBEN VON HOCHDRUCK-GASENTLADUNGSLAMPEN

Title (fr)

ENSEMBLE CIRCUIT ET PROCEDE PERMETTANT DE FAIRE FONCTIONNER DES LAMPES A DECHARGE HAUTE PRESSION

Publication

EP 1961276 B1 20090401 (DE)

Application

EP 06830249 A 20061130

Priority

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- DE 102005059762 A 20051214

Abstract (en)

[origin: US2008284345A1] Disclosed is a circuit arrangement for supplying a lamp wattage to a high-pressure discharge lamp (Lp) in the form of an alternating current having an operating frequency. The alternating current is generated by a full bridge that is composed of two half-bridge branches. The lamp wattage can be adjusted via the phase which the two half-bridge branches have relative to each other. The lamp wattage is modulated by means of the transmission function of an interface if the operating frequency is frequency-modulated. Said modulation of the lamp wattage can be compensated by adequately correcting the phase.

IPC 8 full level

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