

Title (en)

DEVICE FOR OPERATING OR STARTING A HIGH-PRESSURE DISCHARGE LAMP, LAMP SOCKET AND ILLUMINATION SYSTEM WITH SUCH A DEVICE AND METHOD FOR OPERATION OF A HIGH-PRESSURE DISCHARGE LAMP

Title (de)

VORRICHTUNG ZUM BETREIBEN ODER ZÜNDEN EINER HOCHDRUCKENTLADUNGSLAMPE, LAMPENSOCKEL UND BELEUCHTUNGSSYSTEM MIT EINER DERARTIGEN VORRICHTUNG SOWIE VERFAHREN ZUM BETREIBEN EINER HOCHDRUCKENTLADUNGSLAMPE

Title (fr)

DISPOSITIF POUR FAIRE FONCTIONNER OU ALLUMER UNE LAMPE A DECHARGE A HAUTE PRESSION, CULOT DE LAMPE ET SYSTEME D'ECLAIRAGE PRESENTANT UN TEL DISPOSITIF ET PROCEDE POUR FAIRE FONCTIONNER UNE LAMPE A DECHARGE A HAUTE PRESSION

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Abstract (en)

[origin: WO2006108406A1] The invention relates to a device for operating or starting a high-pressure discharge lamp (10), whereby the device comprises a voltage-dependent switch (131), for generation of the starting voltage for the high-pressure discharge lamp (10), the switch threshold voltage of which is greater or equal to the starting voltage of the high-pressure discharge lamp (10) and a corresponding operating or starting method. The invention permits an impulse starting of the high-pressure discharge lamp (10) without use of a starter transformer. Said impulse starting device and said method may be advantageously combined with the high-frequency operation of the high-pressure discharge lamp (10), in particular, with a vehicle headlight high-pressure discharge lamp.

IPC 8 full level

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