

Title (en)

LAMP BASE FOR A HIGH-PRESSURE DISCHARGE LAMP AND CORRESPONDING HIGH-PRESSURE DISCHARGE LAMP

Title (de)

LAMPENSOCKEL FÜR EINE HOCHDRUCKENTLADUNGSLAMPE UND HOCHDRUCKENTLADUNGSLAMPE

Title (fr)

CULOT DE LAMPE POUR UNE LAMPE A DECHARGE A HAUTE PRESSION ET LAMPE A DECHARGE A HAUTE PRESSION

Publication

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Application

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Abstract (en)

[origin: WO2006084440A1] The invention relates to a lamp base (2) for a high-pressure discharge lamp comprising an ignition transformer (1000), which is placed in the interior (214) of the lamp base (2) and which serves to ignite the gas discharge inside the high-pressure discharge lamp. To this end, the ignition transformer (1000) comprises a core on which its windings (1001, 1002) are placed. The invention is characterized in that the core is formed by a first (1004) and by at least one second core part (1005, 1006, 1007), which are each made of a ferromagnetic or ferrimagnetic material and are separated by at least one gap (1008). The first core part (1004) has a cylindrical section on which the windings (1001, 1002) of the ignition transformer (1000) are placed, and core parts (1004, 1005, 1006, 1007) are formed in such a manner that the core, apart from the at least one gap (1008), has a closed shape.

IPC 8 full level

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