

Title (en)

Flat lamp structure

Title (de)

Flache Lampenstruktur

Title (fr)

Structure de lampe plate

Publication

EP 1519406 A1 20050330 (EN)

Application

EP 04008363 A 20040406

Priority

US 60458803 A 20030731

Abstract (en)

A flat lamp structure is disclosed. The flat lamp structure comprises a gas discharge chamber (200), a fluorescent substance (202), a discharge gas (204), and a plurality of electrodes (206). The fluorescent substance (202) is disposed on the inner surface of the wall of the gas discharge chamber (200) and the discharge gas (204) is disposed in the gas discharge chamber (200). The electrodes (206) are disposed on the outer surface of the wall of the gas discharge chamber (200), wherein the gas discharge chamber (200) preferably comprises a dielectric substrate (200a), a plate (200b), and a plurality of strips (200c), the plate (200b) being disposed on the upper portion of the dielectric substrate (200a) and the strips (200c) being disposed between the plate (200b) and the dielectric substrate (200a), the plate (200b) and the edge of dielectric substrate (200a) being connected. Additionally, the gas discharge chamber (200) may dispose of at least a spacer (300) to enhance the strength of the chamber (200).
<IMAGE>

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IPC 8 full level

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CPC (source: EP)

H01J 61/16 (2013.01); **H01J 61/305** (2013.01); **H01J 65/046** (2013.01)

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