

Title (en)

LOW-PRESSURE MERCURY DISCHARGE LAMP

Title (de)

NIEDERDRUCKQUECKSILBERENTLADUNGSLAMPE

Title (fr)

LAMPE A DECHARGE AU MERCURE BASSE PRESSION

Publication

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Application

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- IB 9801567 W 19981008

Abstract (en)

[origin: WO9921214A1] A low-pressure mercury discharge lamp of the invention comprises an envelope (1) that encloses a discharge space (2) in a gastight manner. The envelope is provided with a luminescent material (4) which is excitable with radiation of a wavelength of 254 nm. The envelope (1) is further provided with a further luminescent material (5) which has an excitation spectrum of which the value for a wavelength of 436 nm amounts to at least 10 % of that at a wavelength of 254 nm, and which further luminescent material has an emission spectrum with a maximum in a wavelength range from 580 to 720 nm. The lamp of the invention has in a dimmed state of operation a color point of which the value of the x-coordinate is higher than in the nominal state of operation.

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