

Title (en)

High pressure mercury discharge lamp.

Title (de)

Quecksilberhochdruckentladungslampe.

Title (fr)

Lampe à décharge dans la vapeur de mercure à haute pression.

Publication

EP 0576071 A1 19931229 (EN)

Application

EP 93201725 A 19930616

Priority

- EP 93201725 A 19930616
- EP 92201858 A 19920623

Abstract (en)

The high pressure mercury discharge lamp comprises a quartz glass lamp vessel (1) having a region (2) surrounding a discharge space (3), spaced-apart tungsten electrodes (4) defining a discharge path (5) disposed in the lamp vessel, and connected to current conductors (6) which extend from the lamp vessel to the exterior and a filling of mercury, rare gas and bromine. The lamp has an operating pressure of at least about 200 bar. The discharge space (3) is spheroidal in shape and has specified dimensions. The lamp consumes a power of 70 to 150 W. The lamp has favourable properties which render the lamp suitable for use in optical systems, e.g. for projection purposes. <IMAGE>

IPC 1-7

H01J 61/82

IPC 8 full level

H01J 5/56 (2006.01); **H01J 61/30** (2006.01); **H01J 61/82** (2006.01)

CPC (source: EP)

H01J 5/56 (2013.01); **H01J 61/30** (2013.01); **H01J 61/822** (2013.01)

Citation (search report)

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