

Title (en)

Metal halide lamp, headlight apparatus for vehicle using the same

Title (de)

Metallhalogenidlampe, Fahrzeugscheinwerfer damit

Title (fr)

Lampe aux halogénures métalliques, phare pour véhicule l'utilisant

Publication

EP 1548797 A1 20050629 (EN)

Application

EP 03257051 A 20031107

Priority

EP 03257051 A 20031107

Abstract (en)

A metal halide lamp (1) comprises a discharge container (2) including a discharge space (2a) and a pair of sealing sections (2b). A discharge medium containing a metal halide and a rare gas and essentially free from mercury is sealed in the discharge container (2). A pair of electrodes (3) are arranged to face each other within the discharge space (2a), and the side edge portions on the side of the proximal end portion of these electrodes (3) are held by the sealing sections (2b). The amount of water contained in the light-emitting material (6) is limited to 50 ppm or less.
<IMAGE>

IPC 1-7

H01J 61/12; H01J 9/39

IPC 8 full level

H01J 9/39 (2006.01); **H01J 61/12** (2006.01); **H01J 61/82** (2006.01)

CPC (source: EP)

H01J 61/125 (2013.01); **H01J 61/827** (2013.01)

Citation (applicant)

- JP H11238488 A 19990831 - TOSHIBA LIGHTING & TECHNOLOGY
- EP 1274118 A2 20030108 - TOSHIBA LIGHTING & TECHNOLOGY [JP]
- JP H11329350 A 19991130 - MATSUSHITA ELECTRIC IND CO LTD
- JP 2001357818 A 20011226 - KOITO MFG CO LTD
- JP 2000516901 A 20001219

Citation (search report)

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- [A] WO 9807537 A1 19980226 - ADVANCED LIGHTING TECH INC [US]
- [A] EP 1274118 A2 20030108 - TOSHIBA LIGHTING & TECHNOLOGY [JP]

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Designated contracting state (EPC)

DE FR GB

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