

Title (en)

Metal halide lamp with ceramic discharge vessel

Title (de)

Metallhalogenidlampe mit keramischem Entladungsgefäß

Title (fr)

Lampe à halogénure métallique avec enveloppe céramique

Publication

EP 0887841 A3 19991006 (DE)

Application

EP 98110787 A 19980612

Priority

DE 19727430 A 19970627

Abstract (en)

[origin: EP0887841A2] The lamp has a ceramics gas discharge envelope of aluminium oxide, with 2 opposite ends fitted with ceramics end seals, each incorporating an elongate capillary tube, through which a respective 2-part conductor lead (9) is fitted. The inner part (14) of each conductor lead is provided by a pin of a halogenide-resistant metal, e.g. wolfram, with a maximum diameter of 0.4 mm, enclosed by a ceramics mantle (20, 21), the outer part (13) sealed to the end seal via a glass solder (18) over a length of at least 1 mm.

IPC 1-7

H01J 61/36; **H01J 61/82**

IPC 8 full level

H01J 61/36 (2006.01)

CPC (source: EP US)

H01J 61/366 (2013.01 - EP US); **H01J 61/363** (2013.01 - EP US); **H01J 61/82** (2013.01 - EP US)

Citation (search report)

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- [Y] US 5363007 A 19941108 - FROMM DIETRICH [DE], et al
- [DA] EP 0587238 A1 19940316 - KONINKL PHILIPS ELECTRONICS NV [NL]
- [A] US 4780646 A 19881025 - LANGE HORST [DE]

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