

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 B1 20100217 (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 8 full level

H01J 61/36 (2006.01); **H01J 61/12** (2006.01); **H01J 61/82** (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)

Cited by

EP1160831A1; EP2081214A1; US6538379B2; WO2008145472A3

Designated contracting state (EPC)

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DOCDB simple family (publication)

EP 0887841 A2 19981230; EP 0887841 A3 19991006; EP 0887841 B1 20100217; AT E458265 T1 20100315; CA 2241698 A1 19981227; CN 1165956 C 20040908; CN 1204138 A 19990106; DE 19727430 A1 19990107; DE 59814435 D1 20100401; JP H1173921 A 19990316; US 6075314 A 20000613

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EP 98110787 A 19980612; AT 98110787 T 19980612; CA 2241698 A 19980624; CN 98115133 A 19980626; DE 19727430 A 19970627; DE 59814435 T 19980612; JP 18233198 A 19980629; US 10206798 A 19980622