

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 1351278 A3 20060607 (DE)

Application

EP 03006301 A 20030319

Priority

DE 10214777 A 20020403

Abstract (en)

[origin: EP1351278A2] The lamp has a ceramic discharge vessel with ends sealed by ceramic stoppers with capillaries for electrical lead through and sealed with glass solder and consisting of inner (13) and outer (14) parts. The composite inner part has a core pin (18) to which a coil tube (20) is applied as at least a double layer with an effective diameter of the coil tube wire that is less than or equal to the core pin diameter and fulfills specified conditions.

IPC 8 full level

H01J 61/36 (2006.01); **H01J 17/04** (2006.01); **H01J 61/30** (2006.01); **H01J 61/82** (2006.01)

CPC (source: EP US)

H01J 61/366 (2013.01 - EP US); **H01J 61/827** (2013.01 - EP US)

Citation (search report)

- [A] DE 10026802 A1 20020103 - PATENT TREUHAND GES FUER ELEKTRISCHE GLUEHLAMPEN MBH [DE]
- [A] EP 0926703 A2 19990630 - MATSUSHITA ELECTRONICS CORP [JP]
- [A] EP 1037256 A1 20000920 - MATSUSHITA ELECTRONICS CORP [JP]
- [PA] EP 1220296 A1 20020703 - GEN ELECTRIC [US]

Cited by

WO2009085421A1; US7952284B2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)

EP 1351278 A2 20031008; EP 1351278 A3 20060607; EP 1351278 B1 20070509; AT E362195 T1 20070615; CA 2424099 A1 20031003; CN 100426449 C 20081015; CN 1450589 A 20031022; DE 10214777 A1 20031016; DE 50307213 D1 20070621; JP 2003297288 A 20031017; JP 4299039 B2 20090722; US 2003189406 A1 20031009

DOCDB simple family (application)

EP 03006301 A 20030319; AT 03006301 T 20030319; CA 2424099 A 20030401; CN 03131234 A 20030403; DE 10214777 A 20020403; DE 50307213 T 20030319; JP 2003098483 A 20030401; US 39735603 A 20030327