

Title (en)

Electric lamp with a seal comprising a laser-structured metal led-in conductor

Title (de)

Elektrische Lampe mit einer Laserstrukturierten Metalleinschmelzung

Title (fr)

Lampe électrique dotée d'un scellement ayant comportant un conducteur de métal structuré à laser

Publication

**EP 1975972 A3 20100623 (DE)**

Application

**EP 08102729 A 20080318**

Priority

- DE 102007015243 A 20070329
- DE 202007009119 U 20070629

Abstract (en)

[origin: EP1975972A2] The halogen light bulb (1) consists of a light emitting structure (3) arranged inside a glass bulb (2) which is air-tightly sealed with a pinch seal (10). The pinch seal comprises the inner leads (4,5) connected to the light emitting structure and outer leads (8,9) led out from the glass bulb. The pinch seal has the molybdenum foils (6,7) that are arranged between the outer and inner leads and are processed using a laser e.g. carbon dioxide laser.

IPC 8 full level

**H01J 9/28** (2006.01); **H01J 9/32** (2006.01); **H01J 61/36** (2006.01); **H01K 1/38** (2006.01); **H01K 1/40** (2006.01)

CPC (source: EP US)

**H01J 9/28** (2013.01 - EP US); **H01J 9/326** (2013.01 - EP US); **H01J 61/368** (2013.01 - EP US); **H01K 1/38** (2013.01 - EP US); **H01K 1/40** (2013.01 - EP US)

Citation (search report)

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CN104076476A

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA MK RS

DOCDB simple family (publication)

**EP 1975972 A2 20081001**; **EP 1975972 A3 20100623**; JP 3142271 U 20080605; US 2008246401 A1 20081009

DOCDB simple family (application)

**EP 08102729 A 20080318**; JP 2008001885 U 20080328; US 7960808 A 20080327