

Title (en)

Plasma light bulb and method for making a plasma light bulb

Title (de)

Plasmakolben und Verfahren zur Herstellung eines Plasmakolben

Title (fr)

Ampoule plasma et procédé de fabrication d'une ampoule plasma

Publication

**EP 2175474 A3 20120208 (EN)**

Application

**EP 09006611 A 20090515**

Priority

- EP 08166290 A 20081009
- EP 09006611 A 20090515

Abstract (en)

[origin: EP2175474A2] A plasma light bulb, comprising a hollow sphere (1) of a translucent material, a substance (3) within the hollow sphere, wherein the substance can be excited electromagnetically so as to form a plasma, which radiates visible light, and a stem (5) protruding from the hollow sphere, wherein the hollow sphere is tip- or tail-less, and the stem is bonded to the hollow sphere.

IPC 8 full level

**H01J 61/30** (2006.01); **H01J 9/26** (2006.01); **H01J 9/395** (2006.01); **H01J 65/04** (2006.01)

CPC (source: EP)

**H01J 9/266** (2013.01); **H01J 9/395** (2013.01); **H01J 65/044** (2013.01)

Citation (search report)

- [X] US 2006087256 A1 20060427 - PARK BYEONG-JU [KR], et al
- [AD] WO 9208240 A1 19920514 - FUSION SYSTEMS CORP [US]
- [AD] EP 0942457 A2 19990915 - FUSION LIGHTING INC [US]
- [A] DATABASE EPODOC EUROPEAN PATENT OFFICE, THE HAGUE, NL; XP002665904 & KR 20040061398 A 20040707 - LG ELECTRONICS INC

Cited by

CN118053734A; CN108401709A; US9924585B2; US10420197B2

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 MK MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA RS

DOCDB simple family (publication)

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