

Title (en)

Dielectric barrier discharge lamp with plug-in electrodes

Title (de)

Dielektrisch behinderte Entladungslampe mit steckbaren Elektroden

Title (fr)

Lampe à décharge à barrière diélectrique avec électrodes enfichables

Publication

EP 1643537 A3 20061018 (DE)

Application

EP 05018817 A 20050830

Priority

DE 102004047376 A 20040929

Abstract (en)

[origin: EP1643537A2] The lamp has a discharge vessel in the form of a tube. Two electrodes are fitted to outside surface of the discharge vessel, where the electrodes are in the form of rods and the ends of the electrodes are in the form of a plug connection unit. A conductive metallic shield (3) partially surrounds the discharge vessel, and during process the shield leaves an angle of opening free for light radiation purpose. An independent claim is also included for a method for making contact with the discharge lamp.

IPC 8 full level

H01J 61/073 (2006.01); **H01J 5/52** (2006.01); **H01J 65/04** (2006.01)

CPC (source: EP KR US)

H01J 65/04 (2013.01 - KR); **H01J 65/046** (2013.01 - EP US)

Citation (search report)

- [X] US 2002163312 A1 20021107 - KLING RAINER [DE], et al
- [DA] US 6304028 B1 20011016 - VOLLKOMMER FRANK [DE], et al

Designated contracting state (EPC)

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

Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

EP 1643537 A2 20060405; **EP 1643537 A3 20061018**; CA 2521208 A1 20060329; CN 1755892 A 20060405; CN 1755892 B 20100616; DE 102004047376 A1 20060406; JP 2006108094 A 20060420; KR 20060051855 A 20060519; TW 200616005 A 20060516; US 2006066242 A1 20060330; US 7573201 B2 20090811

DOCDB simple family (application)

EP 05018817 A 20050830; CA 2521208 A 20050926; CN 200510107661 A 20050929; DE 102004047376 A 20040929; JP 2005284870 A 20050929; KR 20050091377 A 20050929; TW 94133017 A 20050923; US 22641105 A 20050915