

Title (en)

Tubular, dielectrical barrier discharge lamp and method of its manufacture

Title (de)

Rohrförmige dielektrische Barriere-Entladungslampe und Verfahren zu Ihre Herstellung

Title (fr)

Lampe tubulaire à décharge à barrière diélectrique et procédé de sa fabrication

Publication

**EP 1598852 A3 20101020 (DE)**

Application

**EP 05008805 A 20050421**

Priority

DE 102004023460 A 20040512

Abstract (en)

[origin: EP1598852A2] A tubular discharge vessel, sealed at both ends, has an annular constriction along the entire circumference. At least one closure element arranged at the respective end of a discharge tube, has a plate-like section connected in a gas-tight manner to the inner wall of discharge tube. The constriction has a taper-shaped cross-section in the direction opposite the interior of discharge vessel.

IPC 8 full level

**H01J 65/04** (2006.01); **H01J 9/24** (2006.01); **H01J 9/26** (2006.01); **H01J 9/40** (2006.01); **H01J 61/36** (2006.01); **H01J 65/00** (2006.01)

CPC (source: EP KR US)

**H01J 9/247** (2013.01 - EP US); **H01J 9/40** (2013.01 - EP US); **H01J 61/30** (2013.01 - KR); **H01J 65/046** (2013.01 - EP US)

Citation (search report)

- [XD] US 6605899 B2 20030812 - BERLINGHOF WERNER [DE], et al
- [X] EP 1329944 A2 20030723 - PATENT TREUHAND GES FUER ELEKTRISCHE GLUEHLAMPEN MBH [DE]

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 MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR LV MK YU

DOCDB simple family (publication)

**EP 1598852 A2 20051123**; **EP 1598852 A3 20101020**; CA 2506941 A1 20051112; CN 1697119 A 20051116; CN 1697119 B 20100616; DE 102004023460 A1 20051208; JP 2005327723 A 20051124; KR 100756103 B1 20070905; KR 20060047798 A 20060518; TW 200540915 A 20051216; TW I265547 B 20061101; US 2005253525 A1 20051117

DOCDB simple family (application)

**EP 05008805 A 20050421**; CA 2506941 A 20050510; CN 200510068854 A 20050512; DE 102004023460 A 20040512; JP 2005138245 A 20050511; KR 20050039633 A 20050512; TW 94114075 A 20050502; US 12206505 A 20050505