Title (en)

Electrode for high pressure discharge lamp

Title (de)

Elektrode für eine Hochdruckentladungslampe

Title (fr)

Electrode pour lampe à décharge à haute pression

Publication

EP 1439567 B1 20090211 (DE)

Application

EP 03029105 A 20031217

Priority

DE 10301478 A 20030116

Abstract (en)

[origin: EP1439567A2] The electrode consists of a pen like shaft (7) with a head (8). The electrode forms a vessel (9) for an emitter at the area of the discharging end. A bore is provided in the vessel and filled with emitter material. The vessel forms a collar at its discharging end face. The inner collar part is bent in a convex manner towards the bore. The outer collar part is bent in a convex manner towards the side wall of the vessel.

IPC 8 full level

F21S 2/00 (2006.01); **H01J 61/073** (2006.01); **H01J 61/06** (2006.01); **H01J 61/067** (2006.01); **H01J 61/22** (2006.01); F21Y 101/00 (2016.01)

CPC (source: EP KR US)

H01J 61/0672 (2013.01 - EP US); **H01J 61/0732** (2013.01 - EP US); **H01J 61/22** (2013.01 - KR)

Cited by

US8138662B2; WO2008074361A1

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 1439567 A2 20040721; **EP 1439567 A3 20060705**; **EP 1439567 B1 20090211**; AT E422708 T1 20090215; CA 2455087 A1 20040716; DE 10301478 A1 20040729; DE 50311168 D1 20090326; JP 2004221090 A 20040805; JP 2011077057 A 20110414; JP 4723190 B2 20110713; JP 5150716 B2 20130227; KR 101036689 B1 20110524; KR 20040066019 A 20040723; US 2004140767 A1 20040722; US 6984939 B2 20060110

DOCDB simple family (application)

EP 03029105 A 20031217; AT 03029105 T 20031217; CA 2455087 A 20040113; DE 10301478 A 20030116; DE 50311168 T 20031217; JP 2004009797 A 20040116; JP 2010293698 A 20101228; KR 20040002584 A 20040114; US 75193904 A 20040107