

Title (en)

High pressure discharge lamp and methof of manufacturing a high pressure discharge lamp

Title (de)

Hochdruckentladungslampe und Herstellungsverfahren für eine Hochdruckentladungslampe

Title (fr)

Lampe à décharge haute pression et procédé pour la fabrication d'une lampe à décharge à haute pression

Publication

**EP 0588201 B1 19971119 (DE)**

Application

**EP 93114286 A 19930906**

Priority

DE 4230815 A 19920915

Abstract (en)

[origin: EP0588201A2] The invention relates to a high pressure discharge lamp and to a production method for a high pressure discharge lamp according to the invention. The lamp framework for holding the discharge vessel (4) in the outer bulb (1) consists essentially of two stamped sheet-metal parts (20, 21) which are electrically insulated from one another and partially surround the discharge vessel (4). The two stamped sheet-metal parts (20, 21) are produced from an initially integral, U-shaped stamped sheet-metal frame, which is cut off once the lamp electrical supply leads (7a, 7b) have been welded. In this way, adjustment and assembly of the discharge vessel (4) are simplified and eased. <IMAGE>

IPC 1-7

**H01J 61/36**; H01J 61/34; H01J 9/28; H01J 9/36

IPC 8 full level

**H01J 9/24** (2006.01); **H01J 9/28** (2006.01); **H01J 9/36** (2006.01); **H01J 61/34** (2006.01); **H01J 61/36** (2006.01); **H01J 61/50** (2006.01); **H01J 61/52** (2006.01)

CPC (source: EP US)

**H01J 61/34** (2013.01 - EP US); **H01J 61/36** (2013.01 - EP US); **H01J 61/50** (2013.01 - EP US); **H01J 61/52** (2013.01 - EP US)

Cited by

EP0856870A1; US6107738A

Designated contracting state (EPC)

DE FR GB IT

DOCDB simple family (publication)

**EP 0588201 A2 19940323**; **EP 0588201 A3 19950118**; **EP 0588201 B1 19971119**; DE 4230815 A1 19940317; DE 59307699 D1 19980102; JP H06124688 A 19940506; US 5440196 A 19950808

DOCDB simple family (application)

**EP 93114286 A 19930906**; DE 4230815 A 19920915; DE 59307699 T 19930906; JP 17722293 A 19930623; US 10118093 A 19930803