

Title (en)

Single-ended high pressure discharge lamp

Title (de)

Einseitig gesockelte Hochdruckentladungslampe

Title (fr)

Lampe à décharge à haute pression à culottage d'un seul côté

Publication

**EP 0696046 A3 19971217 (DE)**

Application

**EP 95111208 A 19950717**

Priority

DE 4427593 A 19940804

Abstract (en)

[origin: EP0696046A2] The gas discharge lamp has a socket (8) provided by a socket sleeve (8a) and a relatively adjustable holder (8b) within the socket sleeve, supporting a sealed discharge envelope (1) with a discharge space (1a) between opposing end zones (1b,1c). At least the discharge space is enclosed by an outer envelope (11), which is fused to the outside of the discharge envelope so that the two form a single unit, which is secured to the socket by fusing the outer envelope to the holder. Pref. the part of the holder receiving the outer envelope is made of an easily melted plastics which is melted by an incorporated inductive heating device (12).

IPC 1-7

**H01J 5/54**; **H01J 9/34**; **H01J 61/82**; **H01J 61/34**

IPC 8 full level

**F21S 8/10** (2006.01); **H01J 5/50** (2006.01); **H01J 5/54** (2006.01); **H01J 9/34** (2006.01); **H01J 61/34** (2006.01); **H01J 61/82** (2006.01)

CPC (source: EP US)

**H01J 5/54** (2013.01 - EP US); **H01J 9/34** (2013.01 - EP US); **H01J 61/34** (2013.01 - EP US)

Citation (search report)

- [Y] EP 0580013 A1 19940126 - PATENT TREUHAND GES FUER ELEKTRISCHE GLUEHLAMPEN MBH [DE]
- [DY] US 5270610 A 19931214 - SCHOENHERR WALTER [DE], et al
- [YA] US 4609977 A 19860902 - ECKHARDT FRITZ [DE], et al
- [Y] EP 0588602 A2 19940323 - GEN ELECTRIC [US]
- [Y] EP 0577198 A1 19940105 - PHILIPS ELECTRONICS NV [NL], et al
- [A] US 4795939 A 19890103 - ECKHARDT FRITZ [DE], et al
- [PDY] DE 4317369 A1 19941201 - PATENT TREUHAND GES FUER ELEKTRISCHE GLUEHLAMPEN MBH [DE]

Cited by

EP0847072A3; US6071164A; FR2772515A1; NL1010789C2; US5990633A; US6239539B1; WO9838668A1

Designated contracting state (EPC)

BE DE FR GB IT NL SE

DOCDB simple family (publication)

**EP 0696046 A2 19960207**; **EP 0696046 A3 19971217**; **EP 0696046 B1 20021204**; DE 4427593 A1 19960208; DE 59510485 D1 20030116; JP 3506819 B2 20040315; JP H0864114 A 19960308; US 5627428 A 19970506

DOCDB simple family (application)

**EP 95111208 A 19950717**; DE 4427593 A 19940804; DE 59510485 T 19950717; JP 21550095 A 19950802; US 49571995 A 19950627