

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 B1 20021204 (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)

Cited by

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

Designated contracting state (EPC)

BE DE FR GB IT NL SE

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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