

Title (en)  
LOW-PRESSURE DISCHARGE LAMP WITH ONE-SIDED LAMP BASE

Publication  
**EP 0118100 B1 19880127 (DE)**

Application  
**EP 84102130 A 19840229**

Priority  
DE 3307763 A 19830304

Abstract (en)  
[origin: EP0118100A1] 1. A low-pressure discharge lamp with a lamp base at one end displaying an external bulb (6) sealed in a gas-tight manner with a glass-to-metal seal (10) and filled with gas and/or metal vapour, two preheatable electrodes (12, 12') provided with current supply leads (11, 11') and disposed inside the external bulb (6) at the glass-to-metal seal (10) and one or two U-shaped internal tubes (1, 1') also disposed inside the external bulb (6) and made of glass, wherein the first end (4) of one of the straight parts (2) of each internal tube (1, 1') forms a gas-tight enclosure around the current supply leads (11, 11') of one of the preheatable electrodes (12, 12') and the second end of the other straight part (3) of each internal tube (1, 1') has an opening (5) which is located in the vicinity of the glass-to-metal seal (10), characterized in that both the glass-to-metal seal of the current supply leads (11, 11') holding the preheatable electrodes (12, 12') in the U-shaped internal tube or tubes (1, 1') and the glass-to-metal seal of the U-shaped internal tube or tubes (1, 1') in the external bulb (6) consist of a pinching (10), and in that during the pinching operation, the U-shaped internal tube or tubes (1, 1') is or are positioned by means of a support (9') which remains in the lamp and has at least one supporting element (7, 7' ; 8, 8').

IPC 1-7  
**H01J 61/34**; **H01J 5/54**

IPC 8 full level  
**H01J 5/54** (2006.01); **H01J 61/10** (2006.01); **H01J 61/34** (2006.01); **H01J 61/72** (2006.01)

CPC (source: EP)  
**H01J 61/103** (2013.01); **H01J 61/72** (2013.01)

Citation (examination)  
EP 0076503 A2 19830413 - PATENT TREUHAND GES FUER ELEKTRISCHE GLUEHLAMPEN MBH [DE]

Cited by  
EP0474065A1; EP0233664A1; EP0714112A3; CN1084926C; GB2314965A; US5844357A; GB2314965B

Designated contracting state (EPC)  
DE FR GB IT

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**EP 0118100 A1 19840912**; **EP 0118100 B1 19880127**; DE 3307763 A1 19840906; DE 3469105 D1 19880303

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