

Title (en)  
HIGH-PRESSURE DISCHARGE LAMP

Publication  
**EP 0279249 B1 19910918 (DE)**

Application  
**EP 88101262 A 19880128**

Priority  
DE 8702658 U 19870220

Abstract (en)  
[origin: US4837477A] To retain an arc tube (6, 16) in precise position with respect to an optical system (R) within an outer envelope (2, 12), the arc tube is retained at both ends by spiral springs (23) which have a cylindrical portion fitted in a sleeve-like current supply (7, 17) to the arc tube and having a conically expanding portion (25), terminating in an end portion (26) which is welded to a central guide pin (27) fitted and movable within the cylindrical portion (24) of the spring. The guide pin (27) can form part of an internal current supply (FIG. 3: 19) or be secured to an internal current supply lead (FIGS. 1, 2: 9).

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**H01J 61/34**

IPC 8 full level  
**H01J 61/34** (2006.01); **H01J 61/36** (2006.01)

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