

Title (en)  
A low pressure gas discharge lamp.

Title (de)  
Niederdruckgasentladungslampe.

Title (fr)  
Lampe à décharge à basse pression.

Publication  
**EP 0330808 A1 19890906 (EN)**

Application  
**EP 88850215 A 19880617**

Priority  
SE 8800747 A 19880302

Abstract (en)  
By surrounding a gas discharge lamp, such as a fluorescent tube (2), with a tubular glass envelope (8), the discharge chamber of the fluorescent tube (2) is thermally insulated. This enables a sufficiently high temperature to be maintained in the fluorescent tube (2) for, e.g., mercury in the discharge chamber to be brought to a partial pressure at which good illuminating efficiency is obtained even at very low ambient temperatures around the lamp. The tubular envelope (8) may be fused at the ends thereof to the fluorescent tube (2), or otherwise fixed securely around the tube, in a manner to obtain a tubular space (10) of constant uniform width between the fluorescent tube and the surrounding envelope.

IPC 1-7  
**H01J 5/12; H01J 61/34**

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

CPC (source: EP)  
**H01J 61/34** (2013.01); **H01J 61/72** (2013.01)

Citation (search report)

- [Y] DD 253702 A1 19880127 - ADL INST GEMUESEPRODUKTION [DD]
- [Y] US 4710679 A 19871201 - BUDINGER A BOWMAN [US], et al
- [A] DE 2611894 A1 19761014 - GTE SYLVANIA INC
- [A] GB 1574619 A 19800910 - WESTINGHOUSE ELECTRIC CORP
- [A] EP 0011346 A1 19800528 - PHILIPS NV [NL]
- [A] PATENT ABSTRACTS OF JAPAN, Unexamined Applications, C Field, Vol. 8, No. 256, November 22, 1984 The Patent Office Japanese Government page 40 E 280, & JP-A-59 128 752 (Karupu Kosyo)

Cited by  
DE19737920A1; EP0987737A1; US6515433B1; WO0120642A1; WO2005031796A1

Designated contracting state (EPC)  
AT BE CH DE ES FR GB GR IT LI LU NL SE

DOCDB simple family (publication)  
**EP 0331660 A2 19890906; EP 0331660 A3 19910123; EP 0331660 B1 19950628**; AT E124573 T1 19950715; DE 68923197 D1 19950803; DE 68923197 T2 19951109; EP 0330808 A1 19890906; ES 2073459 T3 19950816; SE 467279 B 19920622; SE 8800747 D0 19880302; SE 8900728 D0 19890302; SE 8900728 L 19890903

DOCDB simple family (application)  
**EP 89850075 A 19890302**; AT 89850075 T 19890302; DE 68923197 T 19890302; EP 88850215 A 19880617; ES 89850075 T 19890302; SE 8800747 A 19880302; SE 8900728 A 19890302