

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)

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- [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)

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