

Title (en)

Metal vapor discharge lamp.

Title (de)

Metall dampfentladungslampe.

Title (fr)

Lampe à vapeur de décharge métallique.

Publication

EP 0444590 A1 19910904 (EN)

Application

EP 91102794 A 19910226

Priority

JP 4441590 A 19900227

Abstract (en)

Disclosure is given for a technique of preventing arc displacement from occurring in an iron-filled metal vapor discharge lamp which additionally contains magnesium so as to prevent the iron from depositing on the internal wall surface of the bulb (1) of said lamp and forming a thin iron film. Namely, in the disclosed metal vapor discharge lamp arc displacement can securely be prevented by incorporating thallium in an amount of 3.2×10^{-9} to 2.0×10^{-7} mol per cc of content volume of the bulb. <IMAGE>

IPC 1-7

H01J 61/18

IPC 8 full level

H01J 61/20 (2006.01); **H01J 61/18** (2006.01)

CPC (source: EP)

H01J 61/18 (2013.01)

Citation (search report)

- [A] US 4745335 A 19880517 - OHYAMA MASACHIKA [JP], et al
- [A] US 4074164 A 19780214 - LEYENDECKER HELMUT

Designated contracting state (EPC)

DE GB IT NL

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