

Title (en)
METAL VAPOUR DISCHARGE LAMP

Publication
EP 0444591 A3 19911106 (EN)

Application
EP 91102795 A 19910226

Priority
JP 4441490 A 19900227

Abstract (en)
[origin: EP0444591A2] Disclosed is a metal vapor discharge lamp having mercury and iron filled therein, in which the iron is prevented from depositing on the internal surface of the bulb of said lamp and forming a thin iron film. Namely, in the metal vapor discharge lamp according to this invention, the amount of thallium to be incorporated relative to iron is 1/200 to 1/2 in terms of gram atom number ratio, whereby formation of thin iron film can be prevented without affecting the spectrum outputs of mercury and iron.

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H01J 61/12

IPC 8 full level
H01J 61/20 (2006.01); **H01J 61/18** (2006.01)

CPC (source: EP)
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Citation (search report)
• [A] DE 3632430 A1 19870409 - USHIO ELECTRIC INC [JP]
• [A] FR 712075 A 19310924 - SIEMENS AG
• [A] PATENT ABSTRACTS OF JAPAN, vol. 1, no. 68, 4th July 1977, page 1171 M 77; & JP-A-52 16 887 (IWASAKI) 08-02-1977

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CN102292793A; CN102306609A; EP0536577A1; EP0616357A1; US5489819A

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EP 0444591 A2 19910904; EP 0444591 A3 19911106; JP H03250549 A 19911108

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