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(54) Metal vapour discharge lamp.

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.



## EUROPEAN SEARCH REPORT

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Α	PATENT ABSTRACTS OF 1977, page 1171 M 77; & JP-A-52 16 887 (IWASAK * Whole document *		July 1		H 01 J 61/12
Α	DE-A-3 632 430 (USHIO) * Column 1, lines 31-43; column 15; figure 1 *	umn 3, line 65 - column 4,	line 1		
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	The present search report has t	een drawn up for all claims			
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Y: A: O:	CATEGORY OF CITED DOCL particularly relevant if taken alone particularly relevant if combined wit document of the same catagory technological background non-written disclosure intermediate document		the filing of D: document L: document	ate cited in th cited for c	other reasons