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(54) **Improved life tungsten filament for incandescent lamp.**

(57) The life and stability of tungsten filaments are improved by pre-incandescing the filaments in an atmosphere containing WF₆. The burning procedure effects hot spot repair of the filaments by deposition of tungsten thereon.



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EUROPEAN SEARCH REPORT

0092109

Application number

EP 83 10 3368

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl. 2)
D, A	US-A-4 256 988 (J.R. COATON et al.) * the entire document *	1, 2, 5, 6	H 01 K 3/02
A	US-A-4 005 324 (A. DOLENGA et al.) * figures 1-8; column 3, line 26 - column 7, line 39 *	1, 2, 5, 6	
			TECHNICAL FIELDS SEARCHED (Int. Cl. 2)
			H 01 K 3/00
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 27-02-1984	Examiner SARNEEL A.P.T.
CATEGORY OF CITED DOCUMENTS			
X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document	