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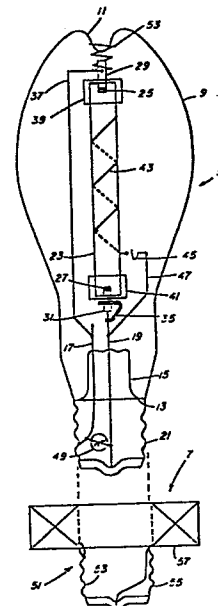
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54 **Metal vapor lamp having low starting voltage.**

57 A metal vapor lamp and starting apparatus includes a metal vapor lamp having an outer envelope containing a gas filled arc tube having a pair of spaced electrodes with a starting aid surrounding the arc tube intermediate the electrodes, a non-linear dielectric element shunting the spaced electrodes and a ballast means and an electrical conductor coupling the spaced electrodes to a base member connected to a low voltage source whereby starting of the metal vapor lamp from a low voltage source is effected.



EP 0 175 937 A3



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.4)
Y	US-A-4 037 129 (ZACK et al.) * Abstract; figure; column 2, lines 31,32 *	1,7,9, 12,14, 18,19	H 01 J 61/82 H 01 J 61/54

Y	PATENT ABSTRACTS OF JAPAN, vol. 8, no. 161 (E-257)[1598], 26th July 1984; & JP-A-59 60 957 (TOUSHIBA DENZAI K.K.) 07-04-1984 * Abstract *	1,2,8, 14,19	

Y	US-A-4 445 073 (WYNER et al.) * Abstract; figure; column 3, lines 19-21 *	3,7,9, 14,18	

Y	US-A-4 134 042 (HEEMSKERCK et al.) * Abstract; figures 1-4; column 3, lines 27-30; column 4, lines 18-23 *	4,11,17	

Y	FR-A-2 499 765 (EGYESULT) * Figures; page 1, lines 16-33; page 4, lines 5-9 *	2,5,16	

			TECHNICAL FIELDS SEARCHED (Int. Cl.4)
			H 01 J 61/00
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 09-08-1988	Examiner CENTMAYER
CATEGORY OF CITED DOCUMENTS		I : 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	
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			