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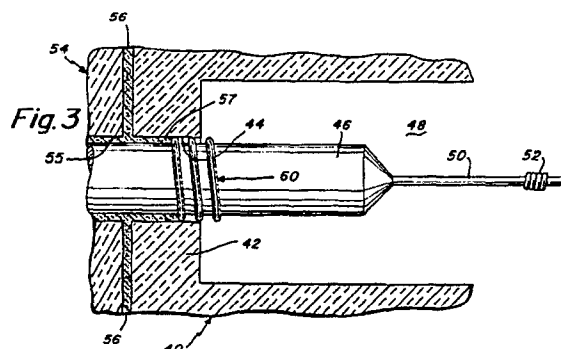
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54 **Improved in-lead for sodium and metal-halide lamps.**

57 In an arc tube (40) of a high-pressure discharge lamp, there is provided an inlead member (46) disposed in an end aperture (44) of the arc tube. A coiled wire (60) is disposed about the inlead member forming a gasket between the inlead member and the arc tube at the arc tube end aperture. A sealing glass (56) is provided for sealing between the inlead member and the arc tube end wall. The sealing glass is blocked by the coiled wire so that the sealing glass is not exposed to the constituents within the arc tube, whereby deleterious chemical reactions between the constituents of the arc tube fill and the sealing glass are avoided. In some embodiments, the coil wire also protects the inlead from chemical attack by the fill constituents.





EP 87118580.7

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, D	US - A - 4 560 903 (SNEIJERS et.al.) * Column 1, lines 45-66; column 3, lines 15-32; column 4, lines 18-35; fig. 2,6 *	1-7,9, 10,12, 18	H 01 J 61/36 H 01 J 61/02 H 01 J 61/18 H 01 J 61/22
Y	SU - A - 1 224 856 (KHUZMIEVA et.al)	1-7,9, 10,12, 18	
P	* Abstract; fig. 1 * & Soviet Inventions Illu- strated, Derwent Publications Ltd., England, UK, Section E1, week 8646, 24-12-1986, pages SU-X-15,16; X26 * SU 1224-856 (KHUZMIEVA) *		
			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 VIENNA		Date of completion of the search 20-04-1990	Examiner KUTZELNIGG
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	