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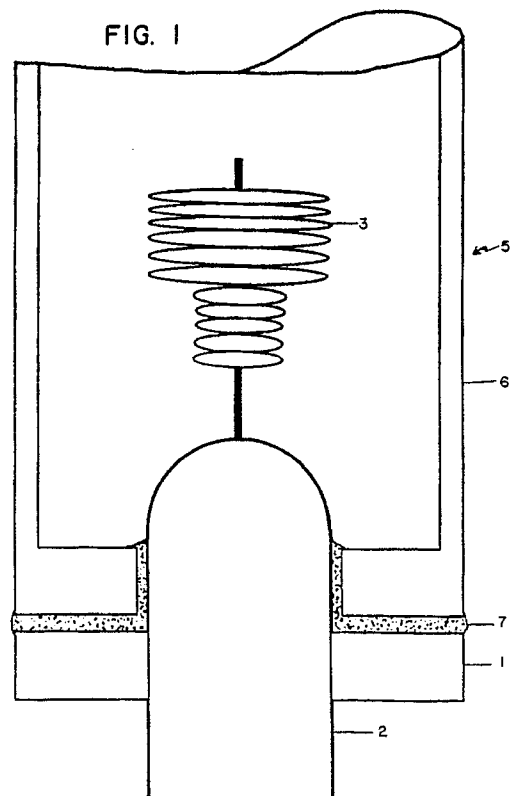
88 Date of deferred publication of the search report:
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54 Improved arc tube for high pressure metal vapor discharge lamp, lamp including same, and method.

57 An arc tube for a high pressure metal vapor discharge lamp is provided. The arc tube of the present invention comprises a tubular ceramic envelope; a chemical fill within said envelope; a seal button at each end of said envelope; said seal button having an aperture therethrough for receiving a feedthrough member; a feedthrough member having an electrode projecting therefrom passing through said seal button aperture and being oriented such that the electrode projects into said tubular ceramic envelope, said feedthrough member being sealed into said seal button by means of a fritless seal between said seal button and said feedthrough; and sealing frit material sealing said seal buttons into the ends of said tubular ceramic envelope. A method for fabricating the above-described arc tube and high pressure metal vapor discharge lamp including the above-described arc tube is also provided.



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EUROPEAN SEARCH REPORT

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EP 89 10 8640

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.5)
Y,D	EP-A-0 136 505 (GTE PRODUCTS CORPORATION) * abstract; figures ** page 1, lines 6 - 14 ** page 2, lines 24 - 26 ** page 4, line 23 * - - -	1-5,7,9	H 01 J 61.36 H 01 J 9.32
Y,A	US-A-3 564 328 (CORNING ET AL.) * abstract; figure 6 ** column 6, lines 24 - 51 ** column 7, lines 21 - 22 ** column 8, lines 35 - 41 * - - -	1-5,7,9.6	
Y,A	FR-A-2 326 035 (N. V. PHILIPS' GLOEILAMPEN-FABRIEKEN) * page 4, line 38 - page 5, line 12; figure 3 * - - -	9,1-3	
Y,D,A,D	US-A-4 713 580 (SCHOENE) * column 7, lines 31 - 36; claim 6; figure 5 * - - -	1,2,5,7,9, 3,6,8	
Y,A	PATENT ABSTRACTS OF JAPAN vol. 2, no. 47 () 29 March 1978, & JP-A-53 4384 (HITACHI SEISAKUSHO K. K.) 14 January 1978, * the whole document * - - -	1,2,7,9,5, 6,8	
A	PATENT ABSTRACTS OF JAPAN vol. 10, no. 293 (E-443)(2349) 4 October 1986, & JP-A-61 110932 (TOSHIBA CORP.) 29 May 1986, * the whole document * - - - - -	2-4,10	TECHNICAL FIELDS SEARCHED (Int. Cl.5) H 01 J
The present search report has been drawn up for all claims			
Place of search The Hague		Date of completion of search 29 January 91	Examiner MARTIN Y VICENTE M.A
<div>CATEGORY OF CITED DOCUMENTS</div> <div>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</div> <div>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</div>			