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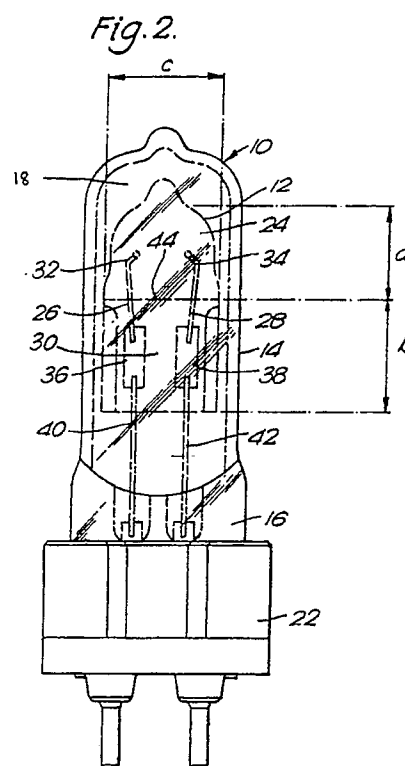
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(54) **Arc tube for a high pressure discharge lamp.**

(57) An arc tube (12, 46, 48), provided for a high pressure discharge lamp, includes a discharge chamber (24) containing a fill. Electrical conductors (26, 28) extend into the discharge chamber (24) to form electrodes (32, 34). The electrical conductors (26, 28) are sealed in the arc tube (12, 46, 48) by a single pinch seal portion (30). At the interface (44) of the discharge chamber (24) and the pinch seal portion (30), the discharge chamber has at least in part a non-concave outline. This outline may be rectilinear or convex.



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## EUROPEAN SEARCH REPORT

Application Number

EP 90 30 6357

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)
X	EP-A-0 219 861 (PATENT-TREUHAND) * Page 1, lines 1-17; page 6, lines 18-34; figure 8 * - - -	1,2,3	H 01 J 61/30 H 01 J 61/82
A	PATENT ABSTRACTS OF JAPAN, vol. 1, no. 88 (E-490)[2535], 18th March 1987; & JP-A-61 240 561 (TOSHIBA) 25-10-1986 - - -	1	
A	EP-A-0 230 051 (PATENT-TREUHAND) * Claim 1; page 2, line 53 - page 3, line 12; figure 1 * - - - - -	5,6	
			TECHNICAL FIELDS SEARCHED (Int. Cl.5)
			H 01 J
The present search report has been drawn up for all claims			
Place of search		Date of completion of search	Examiner
The Hague		15 April 91	GREISER N.
<b>CATEGORY OF CITED DOCUMENTS</b> 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			