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**EUROPEAN PATENT APPLICATION**

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**H 01 J 61/35**

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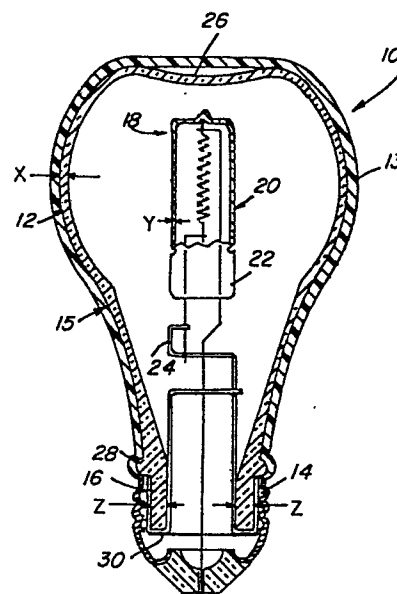
⑥④ Designated Contracting States: **BE DE FR GB NL**

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⑤④ **Electric lamp including a containment coating as part thereof.**

⑤⑦ An electric lamp having an envelope, a light-source capsule mounted within the envelope and a containment coating. The containment coating, which is disposed substantially over the outer envelope, has the capability of preserving the integrity of the envelope from piercing, due to shard dispersion from the light-source capsule, in the unlikely event that the capsule should fracture. One example of the coating consists of a fluoropolymer material such as a perfluoroalkoxy resin (P.F.A. Teflon). The containment coating is resistant to, and exhibits a high degree of tensile strength at, high temperatures and is substantially unaffected by ultraviolet radiation.





European Patent  
Office

# EUROPEAN SEARCH REPORT

0175333

Application Number

EP 85 11 1705

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)
A	GB-A-2 135 820 (GTE PRODUCTS CORP.) * Whole document * & US-A-4 598 225 (Cat. D,A) ---	1	H 01 K 1/32 H 01 K 1/34 H 01 J 61/35
A	US-A-4 048 537 (BLAISDELL et al.) * Column 1, lines 6-29; column 2, lines 29-43; column 4, lines 24-48,66-68; column 5, lines 1,2 * ---	1,3,4,6 ,8	
A	US-E- 25 017 (COOPER Jr.) * Column 1, lines 13-19,61-71; column 2, lines 1-16 * ---	1,9	
A	US-A-3 621 323 (THOMAS et al.) * Abstract; column 4, lines 66-71 * ---	1,2,5	
A	GB-A-1 243 161 (G.T.E. SYLVANIA INC.) * Page 1, lines 11-15,58-74; page 2, lines 59-65,104-111; claims 1-4 * ---	1,5,10	
D,A	US-A-3 715 232 (AUDESSE et al.) * Column 1, lines 5-8; column 2, lines 24-46; claim 1 * -----	1,5,7, 12	TECHNICAL FIELDS SEARCHED (Int. Cl.4)  H 01 K 1/00 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 03-08-1988	Examiner ASSI
<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			