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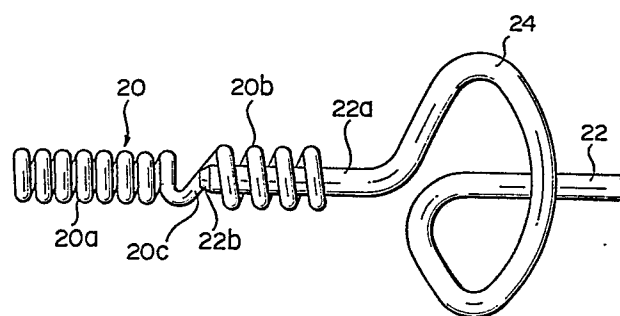
⑧④ Designated Contracting States: **DE FR GB**

⑧⑧ Date of deferred publication of search report: **09.11.88 Bulletin 88/45**

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⑤④ **Tubular lamp.**

⑤⑦ A tubular lamp includes a tubular bulb (10). A plurality of coiled filaments (20) and short-circuit wires (22) are alternately arranged in the bulb, along the axis of the bulb. Each filament is coiled into a predetermined inner diameter, and has a luminant section (20a), and engagement sections (20b) located at both ends thereof. Each short-circuit wire has a lower hardness than the filament and a larger diameter than the inner diameter of the filament. The short-circuit wire has an insertion portion (22a) which is screwed into the engagement section of the corresponding filament.





European Patent
Office

EUROPEAN SEARCH REPORT

0217290

Application Number

EP 86 11 3203

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	US-A-4 272 698 (OYAMA et al.) * Claim 1; figures * ---	1,5	H 01 K 1/08 H 01 K 1/24
A	GB-A-1 177 828 (GENERAL ELECTRIC) * Claims 1-4; figures * & US-A-3 416 024 ---	1,3	
A	EP-A-0 089 176 (GTE PRODUCTS) * Page 7, lines 13-26; figure 3 * ---	1,3	
A	US-A-3 943 395 (HUSTON et al.) * Column 2, lines 3-37; figures 1,2 * ---	1,3	
A	DE-A-2 829 353 (TOKYO SHIBAURA DENKI) * Pages 8,9; figures * -----	1	
			TECHNICAL FIELDS SEARCHED (Int. Cl.4)
			H 01 K 1/00
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 17-08-1988	Examiner ASSI
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	