

(9)



Europäisches Patentamt
European Patent Office
Office européen des brevets

(11)

Publication number:

0 122 045
A3

(12)

EUROPEAN PATENT APPLICATION

(21)

Application number: **84301593.4**

(51)

Int. Cl.⁴: **H 01 K 1/16**

(22)

Date of filing: **09.03.84**

(30)

Priority: **08.04.83 GB 8309560**

(43)

Date of publication of application:
17.10.84 Bulletin 84/42

(88)

Date of deferred publication of search report: **23.10.85**

(84)

Designated Contracting States:
DE NL

(71)

Applicant: **The General Electric Company, p.l.c.**
1 Stanhope Gate
London W1A 1EH(GB)

(72)

Inventor: **Ridgen, Sydney Alfred Richard**
52 Manorville Road
Hemel Hempstead Hertfordshire(GB)

(72)

Inventor: **Skeldon, Graham Warren**
12 Calder Gardens
Edgware Middlesex, HA8 5PT(GB)

(74)

Representative: **Kirby, Harold Victor Albert**
Central Patent Department Wembley Office The General
Electric Company, p.l.c. Hirst Research Centre East Lane
Wembley Middlesex HA9 7PP(GB)

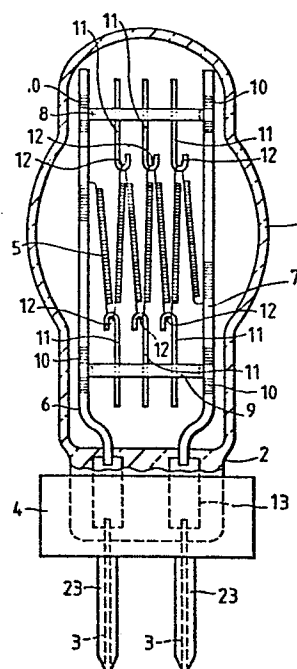
(54)

Incandescent lamps.

(57)

Conventional incandescent filament lamps have an even number of filament sections so that the connections of the filament to the support wires are both at the same end of the bulb. It is found that in the horizontal position such bulbs burn out very quickly compared to their lifetime in the vertical position. Hence a lamp is provided with an odd number of filament sections (5) with the connections to the support wires (6, 7) being at opposite ends of the bulb. This significantly prolongs the lifetime of the bulb when in the horizontal position.

Fig.2.



EP 0 122 045 A3



European Patent
Office

EUROPEAN SEARCH REPORT

0122045
Application number

EP 84 30 1593

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. 3)
X	US-A-2 597 681 (R.E. SMITH) * Column 2, line 31 - column 5, line 40; figures 1,2 * ---	1	H 01 K 1/16
A	US-A-3 621 111 (G.K. DANKO) * Whole document * -----	1,2	
			TECHNICAL FIELDS SEARCHED (Int. Cl. 3)
			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 21-06-1985	Examiner SARNEEL A.P.T.
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	