

12 **EUROPEAN PATENT APPLICATION**

21 Application number: **84105489.3**

51 Int. Cl.⁴: **H 01 J 61/54**

22 Date of filing: **15.05.84**

30 Priority: **27.10.83 US 546072**
16.05.83 US 494841

43 Date of publication of application:
21.11.84 Bulletin 84/47

88 Date of deferred publication of search report: **27.11.85**

84 Designated Contracting States:
BE DE FR GB NL

71 Applicant: **GTE Products Corporation**
100 West 10th Street
Wilmington, DE 19801(US)

72 Inventor: **Anderson, John W.**
6 Randall Road
Ipswich, Mass.(US)

72 Inventor: **Roche, William J.**
11 Woodland St.
Merrimac, Mass.(US)

74 Representative: **Lemke, Jörg-Michael, Dipl.-Ing.**
Wolframstrasse 9
D-8900 Augsburg(DE)

54 **Rapid start fluorescent lamp with a bimetal electrode disconnect switch.**

57 A rapid start fluorescent lamp having a glass envelope (5) with a phosphor coated inner surface (7), a low pressure noble gas fill and an electrode (21) at each end includes an electrode disconnect switch (23) having a bimetal switch (31) with a glass bottle (25) and normally closed at room temperature and open at higher temperatures. The bottle is maintained at vacuum or is filled with a noble gas and the bimetal switch has a meltable bypass (33) electrically conductive member shunted thereacross during manufacture of the lamp and removable thereafter.

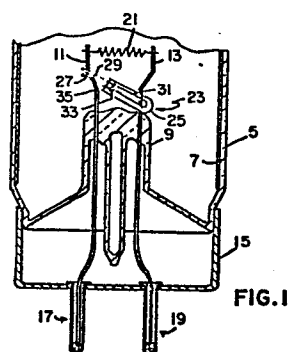


FIG. 1



European Patent
Office

EUROPEAN SEARCH REPORT

0125686

Application number

EP 84 10 5489

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-4 156 831 (CASSIDY et al.) * Whole document *	1-5, 9- 11, 14	H 01 J 61/54
X	US-A-4 097 779 (LATASSA) * Whole document *	1-5, 9- 11, 14	
X	PATENTS ABSTRACTS OF JAPAN, vol. 6, no. 259 (E-149) [1137], 17th December 1982; & JP - A - 57 158 945 (MATSUSHITA DENKO K.K.) 30-09-1982	1, 10	
			TECHNICAL FIELDS SEARCHED (Int. Cl. 3)
			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 22-07-1985	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	