

12

EUROPEAN PATENT APPLICATION

21 Application number: 85115532.5

51 Int. Cl.³: **H 01 J 61/10**
H 01 J 61/72

22 Date of filing: 06.12.85

30 Priority: 06.12.84 US 678958

43 Date of publication of application:
11.06.86 Bulletin 86/24

88 Date of deferred publication of search report: 02.11.88

84 Designated Contracting States:
BE DE FR GB NL

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

72 Inventor: **Lagushenko, Radomir**
108 University Road
Brookline, MA(US)

72 Inventor: **Maya, Jakob**
23 Manchester Street
Brookline, MA(US)

74 Representative: **Patentanwälte Grünecker, Kinkeldey,
Stockmair & Partner**
Maximilianstrasse 58
D-8000 München 22(DE)

54 **Low pressure arc discharge tube having increased voltage.**

57 A low pressure arc discharge tube having structural means located within the envelope for raising the voltage across the arc tube. The structural means comprises at least one partition extending across the arc tube and having a dimension which is less than the electron energy relaxation distance of the arc discharge tube. Each of the partitions has at least one aperture therein which constricts the arc within the tube.

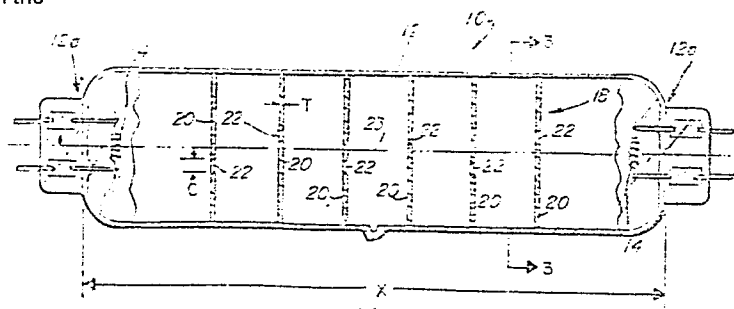


FIG. 1



European Patent
Office

EUROPEAN SEARCH REPORT

0184217

Application Number

EP 85 11 5532

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)
X	DE-C- 912 243 (SKAUPY) * Whole document * ---	1-4, 6-8	H 01 J 61/10 H 01 J 61/72
A	FR-A-1 162 139 (THOMSON) * Page 1, left-hand column, paragraph 2; figures 2-8 * -----	11-13	
			TECHNICAL FIELDS SEARCHED (Int. Cl. 4)
			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 30-08-1988	Examiner CENTMAYER
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 I : 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			