

(19)



Europäisches Patentamt

European Patent Office

Office européen des brevets

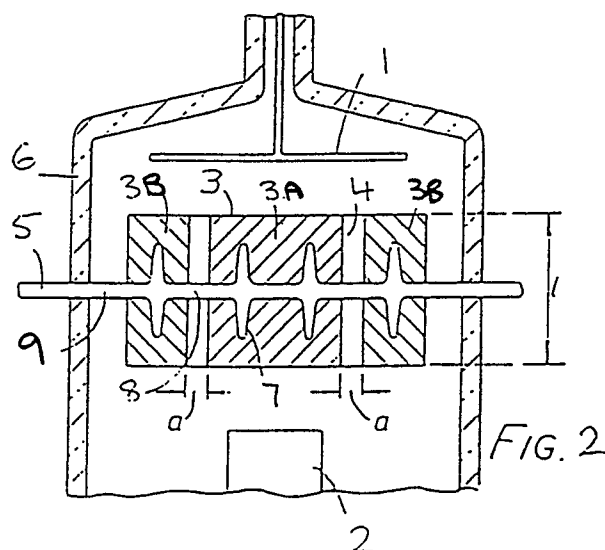
(11) Publication number:

**0 232 116
A3**

(12)

EUROPEAN PATENT APPLICATION(21) Application number: **87300719.9**(51) Int. Cl.4: **H01J 17/56 , H01J 17/28 ,
H01J 17/12**(22) Date of filing: **28.01.87**(30) Priority: **30.01.86 GB 8602292**(43) Date of publication of application:
12.08.87 Bulletin 87/33(84) Designated Contracting States:
CH DE FR IT LI NL(88) Date of deferred publication of the search report:
18.10.89 Bulletin 89/42(71) Applicant: **English Electric Valve Company
Limited
106, Waterhouse Lane
Chelmsford, Essex, CM1 2QU(GB)**(72) Inventor: **Maitland, Arthur
15 The Canongate St Andrews
Fife Scotland KY16 8RU(GB)
Inventor: Menown, Hugh
The Willows Roxwell Road
Writtle Essex CMI 3SA(GB)**(74) Representative: **Cockayne, Gillian
The General Electric Company plc Central
Patent Dept. (Chelmsford Office) Marconi
Research Centre West Hanningfield Road
Great Baddow, Chelmsford Essex CM2
8HN(GB).**(54) **Thyratrons.**

(57) A thyatron includes an anode 1, a cathode 2 and a grid 3 located between them. The grid 3 has a passage 7 therethrough, through which in operation cooling fluid is passed.

**EP 0 232 116 A3**



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	GB-A-1 047 706 (GENERAL ELECTRIC) * Page 2, right-hand column, lines 50-62; figure 2 * ---	1-6,8,9	H 01 J 17/56 H 01 J 17/28 H 01 J 17/12
X	GB-A- 920 182 (M.O. VALVE) * Page 2, left-hand column, lines 30-33; figures 1,2 * ---	1,2	
A	GB-A- 798 627 (M.O. VALVE) * Whole document * ---	1	
A	GB-A- 995 681 (EEV) * Whole document * ---	1	
A	GB-A-2 129 206 (EEV) * Abstract * -----	1	
			TECHNICAL FIELDS SEARCHED (Int. Cl.4)
			H 01 J 17/00
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 21-07-1989	Examiner WITH F.B.
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			