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work for the inverter. The controller responds to the voltage error signal and to various protective and synchronizing signals to control the individual transistors of the inverter, in a pulse-width-modulated mode, to obtain a desired voltage output to the tube.

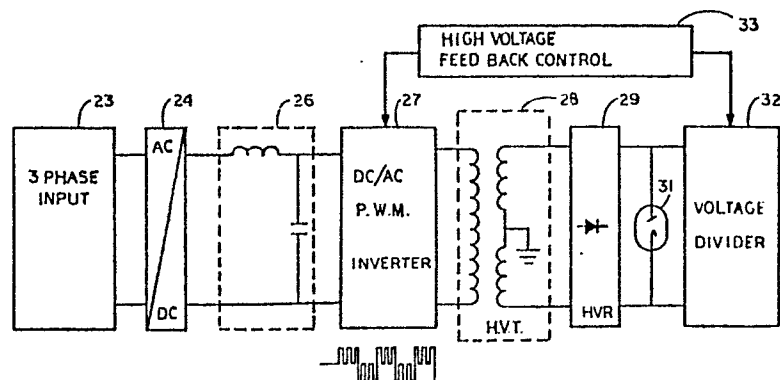


FIG. 2



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-A-3 309 469 (K.K. MORITA SEISAKUSHO) * Page 1, lines 1-15; page 6, line 12 - page 7, line 21; figures 1,2 * & US-A- 4 439 868 ---	1,3,10 ,11,14	H 05 G 1/32 H 02 M 7/539
Y	JP-A-58 216 397 (TOKYO SHIBAURA DENKI K.K.) *Page 1, line 1 - page 3, line 26; page 6, line 34 - page 10, line 34; figures 1,4 * & EP-A-0 096 843 ---	1,2,10 ,11,14	
Y	GB-A-2 005 878 (DEN-TAL-EZ MFG. CO.) * Page 1, lines 97-122; page 2, line 67 - page 3, line 41; figure 3 * ---	1-3,10 ,11,14	
A	EP-A-0 047 957 (TOKYO SHIBAURA DENKI K.K.) * Page 1, line 2 - page 4, line 19; figure 1 * ---	1-3,8, 10,11, 15	H 02 M H 05 G
A	US-A-4 167 670 (R.W. INGOLD) * Column 2, lines 26-64; column 14, line 17 - column 15, line 11; figure 3 * --- -/-	1-3,10 ,11	
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 23-04-1987	Examiner HORAK G. I.
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	



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Application number

EP 84 11 5236

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DOCUMENTS CONSIDERED TO BE RELEVANT			CLASSIFICATION OF THE APPLICATION (Int. Cl. 4)
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	
A	GB-A-2 100 480 (GENERAL EQUIPMENT MEDICAL S.A.) * Abstract; page 1, lines 9-44,57-99; figures 1,2 *	1-3,10 ,11,13	
A	----- PATENT ABSTRACTS OF JAPAN, vol. 5, no. 86 (E-60)[758], 5th June 1981; & JP-A-56 35 399 (HITACHI SEISAKUSHO K.K.) 08-04-1981 * Whole abstract * -----	1,11	
The present search report has been drawn up for all claims			TECHNICAL FIELDS SEARCHED (Int. Cl. 4)
Place of search THE HAGUE		Date of completion of the search 23-04-1987	Examiner HORAK G. I.
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