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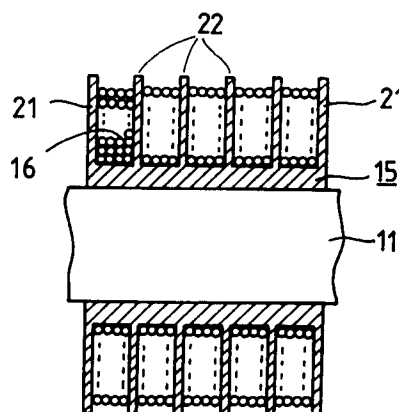
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09.03.94 Bulletin 94/10(71) Applicant: **KABUSHIKI KAISHA SANYO DENKI**
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D-82166 Gräfelfing (DE)(54) **Transformer for gas tube sign.**

(57) A low-voltage winding and a high-voltage winding (16) are wound on a main iron core (11). Between these low-voltage and high-voltage windings (16), a leakage iron core is interpositioned. A minimum of 5 flanges (22) is formed integrally on a bobbin (15) of the high-voltage winding (16), in equal intervals. Between these flanges (22), the high-voltage winding (16) is wound in split sections. Thus, the number of connectable back border tubes can be increased by one or more from that with a conventional transformer of a non-split type winding.

FIG. 5**EP 0 505 947 A3**



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EUROPEAN SEARCH REPORT

Application Number

DOCUMENTS CONSIDERED TO BE RELEVANT			EP 92104916.9						
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl.5)						
Y	<u>US - A - 4 667 132</u> (LEULE) * Column 19, line 43 - column 4; fig. 3-6 * --	1-6	H 01 J 31/06 H 01 J 5/02 H 01 J 31/00 H 01 J 27/30						
Y	<u>US - A - 4 547 705</u> (HIRAYAMA) * Column 3, line 38 - column 5, line 13; fig. 4 * --	1-4							
Y	<u>DD - A - 292 104</u> (VEB) * Page 2, lines 20-43 * --	5, 6							
A	<u>EP - A - 0 320 018</u> (VOGT) * Column 3, lines 10-36; fig 2 . --	1-6							
A	<u>US - A - 4 639 706</u> (SHIMIZU) * Column 3, line 4 - column 4, line 46 * ----	1-6	TECHNICAL FIELDS SEARCHED (Int. Cl.5) H 01 J H 05 B						
The present search report has been drawn up for all claims									
Place of search VIENNA		Date of completion of the search 29-12-1993	Examiner SCHLECHTER						
<table border="0"><tr><td>CATEGORY OF CITED DOCUMENTS</td><td>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</td></tr><tr><td>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</td><td></td><td></td><td></td></tr></table>				CATEGORY OF CITED DOCUMENTS	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	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			
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