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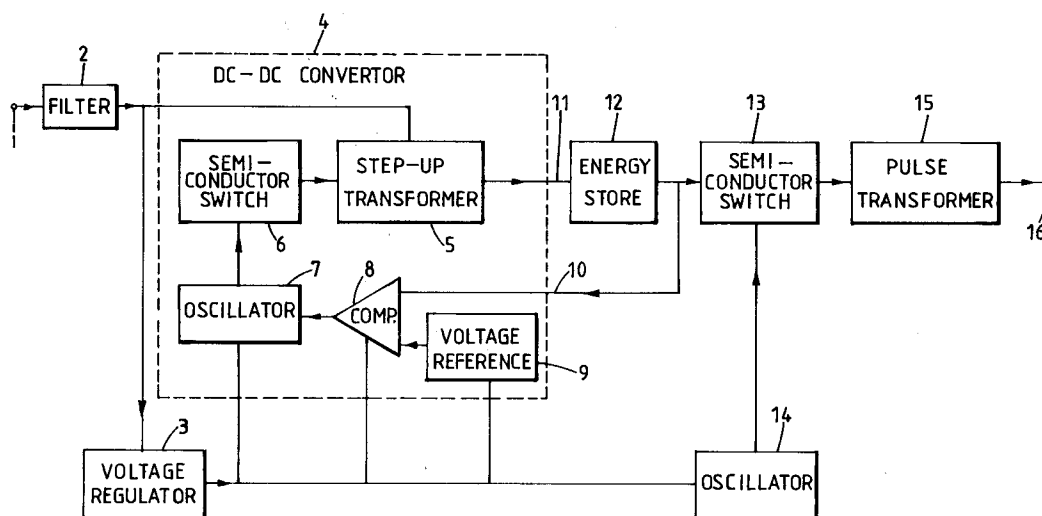
0 481 609 A3

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Marks & Clerk Alpha Tower Suffolk Street
Queensway
Birmingham, B1 1TT(GB)(54) **HT exciter for turbine ignition system.**

(57) A high tension exciter for use in a gas turbine ignition system. The exciter comprises a power supply for charging an energy store (12). The energy store (12) is periodically discharged, via a solid state switch (13), into a pulse transformer (15). The pulse

transformer (15) has a step-up action, and transforms the voltage from the energy store (12) into a voltage suitable for operating an ignition plug of a gas turbine engine.

**FIG. 1.****EP 0 481 609 A3**



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EUROPEAN SEARCH REPORT

Application Number

EP 91 30 8654

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.5)
X	US-A-3 450 942 (L.H. SEGALL et al.) * Column 1, line 27 - column 4, line 9; figure *	1,4,7-9 ,14,15	F 02 P 15/00 F 02 C 7/26 F 02 C 7/266
A	---	2,3	
A	EP-A-0 362 014 (LABO INDUSTRIE) * Column 2, line 20 - column 4, line 7; figure 1 *	1,8,9, 14,15	
A	---		
A	FR-A-2 333 957 (LUCAS INDUSTRIES LTD) * Whole document *	1,3,7,9 ,15	

The present search report has been drawn up for all claims			TECHNICAL FIELDS SEARCHED (Int. Cl.5)
			F 02 P F 02 C
Place of search	Date of completion of the search	Examiner	
THE HAGUE	11-06-1992	LEROY C.P.	
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	