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54 Electronic ignition device for internal combustion engines.

57 The device comprises a first element provided with a permanent magnet (4) or (4') having two pole pieces, and a second element provided with a magnetic core (1) or (1') having two or three pole pieces; on a pole piece of the core (1) or (1') there is wound a solenoid (6) or (6') having one side connected to earth through a rectifier diode (15) and its other side, by way of a second rectifier diode (8), feeding a capacitor (10) which discharges through the primary winding (12) of a transformer; the secondary winding (13) of this latter feeds the spark plugs; that side of the capacitor (10) facing the diode (8) is connected to earth through a controlled diode (9); the diode (9) is rendered conducting by the triggering voltage generated by the same solenoid (6).

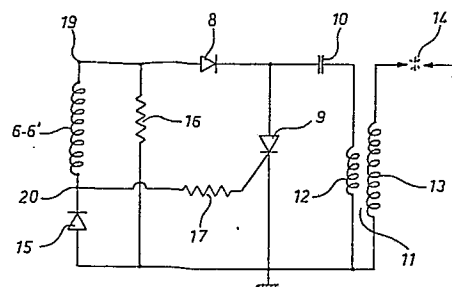


FIG. 3



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	US-A-4 566 425 (H. NITOU et al.) * Figures 1,2; column 3, line 15 - column 5, line 56 *	1,4	F 02 P 1/08
Y	US-A-4 036 201 (B.O. BURSON) * Front-page; figures 1-4,6,7; column 3, line 3 - column 5, line 28 *	1-3	
Y	US-E- 31 837 (B.O. BURSON) * Front-page; figures 1-7; claims 6-9 *	1-3	
A	US-A-4 576 138 (R.J. WOLF) * Front-page; figures 1,2 *	1,4	
A	US-A-4 228 780 (R.J. KIESS)		
A	US-A-4 343 273 (KONDO et al.)		
A	DE-A-2 639 794 (HITACHI LTD)		
A	US-A-3 941 110 (T. SEKIGUCHI)		
			TECHNICAL FIELDS SEARCHED (Int. Cl.4)
			F 02 P
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 04-01-1989	Examiner 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	