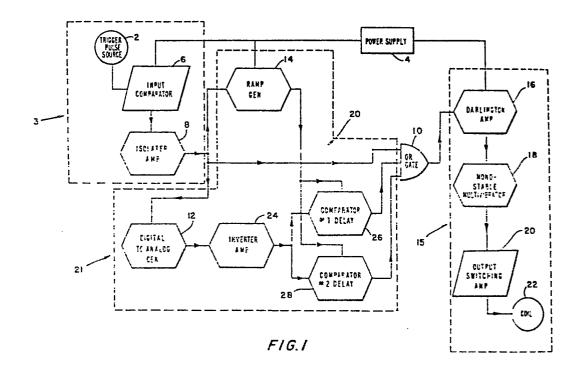
19		opäisches Patentamt opean Patent Office ce européen des brevets	(1) Publication number:	<b>0 147 678</b> A3					
12	<b>EUROPEAN PATENT APPLICATION</b>								
(2) (2)	Application numb Date of filing: 03.		⑤ Int. Cl.4: <b>F 02 P 9/00</b>						
88	Date of publication of application: 10.07.85 Bulletin 85/28		<ul> <li>(7) Applicant: Ellensburg Electronics, Inc. 203 North Sprague Street Ellensburg Washington 98926(US)</li> <li>(72) Inventor: Starr, James Samuel Route 1, Box 450 Ellensburg Washington 98926(US)</li> <li>(74) Representative: Goddar, Heinz J., Dr. et al, FORRESTER &amp; BOEHMERT Widenmayerstrasse 4/1 D-8000 München 22(DE)</li> </ul>						

(54) Multiple spark electronic ignition system.

(5) A multiple-spark electronic ignition system producing a timed sequence of a plurality of ignition sparks per cylinder compression cycle of an internal combustion engine. The system includes: a trigger pulse signal source (2) a control circuit that generates a plurality of timed ignition signals for each of the trigger pulses, preferably 3 to 20 signals, the frequency of the timed ignition signals being a function of the RPM of the engine; and an amplifying circuit (20) which transforms the timed sequence of ignition pulses into a timed series of high energy ignition sparks.

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## EUROPEAN SEARCH REPORT

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Category	of rel	evant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int CI 4)	
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	Place of search THE HAGUE	Date of completion of the search 05-03-1986	LEROY (	Examiner C.P.	
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	Place of search Date of completion of the search				Examiner
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2	CATEGORY OF CITED DOC	JMENTS	T: theory or pi E: earlier pate	rinciple unde	rlying the invention t, but published on, or
8 X	particularly relevant if taken alone particularly relevant if combined v	<ul> <li>T: theory or principle underlying the invention</li> <li>E: earlier patent document, but published on, or after the filing date</li> <li>D: document cited in the application</li> <li>L: document cited for other reasons</li> </ul>			
-	document of the same category				
20 P	technological background non-written disclosure intermediate document		& : member of document	the same pa	tent family, corresponding

0147678 Application number