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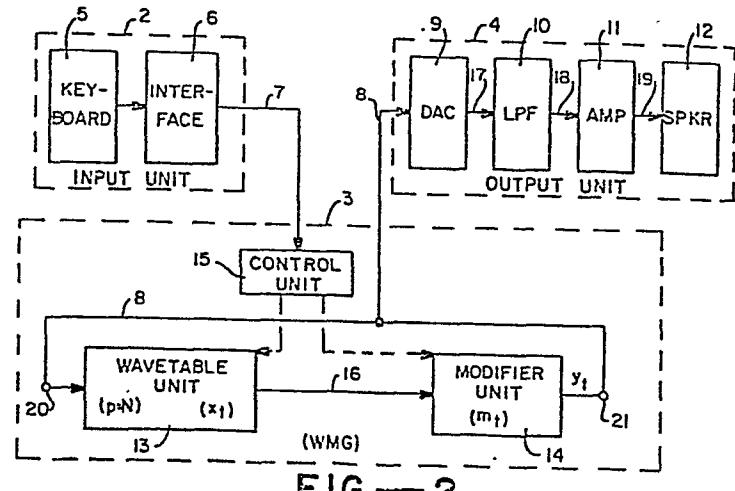
(54) **Waveform table modification instrument and method for generating musical sound.**

(55) A musical instrument employing a waveform table modification method of producing musical sound. A waveform table unit (13) is periodically accessed to provide an output signal which determines the musical sound.

The output signal from the waveform table unit (13) is modified in a modifier unit (14) and stored back into the wave-

form table unit (13) as modified data.

The modified data, after a delay, are accessed from the waveform table unit (13) and thereby become a new output signal. This process is periodically repeated, whereby each new output signal is modified and stored back into the waveform table unit (13) to produce rich and natural musical sound.





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EUROPEAN SEARCH REPORT

0124197

Application number

EP 84 30 0670

DOCUMENTS CONSIDERED TO BE RELEVANT		Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl. 3)		
Category	Citation of document with indication, where appropriate, of relevant passages				
X	US-A-4 133 241 (NIIMI et al.) * Column 3, lines 6-32; column 5, lines 52-68; column 6; column 7, lines 1-54; column 10, lines 63-68; column 11; column 12, lines 1-42; figures 8,11,13 *	1-7,10 -14	G 10 H 7/00		
A	US-A-4 249 447 (TOMISAWA) * Column 3, lines 41-68; column 4; column 5, lines 1-18; column 17, lines 53-68; column 18; column 19, lines 1-18; figures 1,4,24 *	1			
X	US-A-4 351 218 (DEUTSCH) * Column 3, lines 20-68; column 4, lines 1-29 *	1-4	<p>TECHNICAL FIELDS SEARCHED (Int. Cl. 3)</p> <p>G 10 H</p>		
The present search report has been drawn up for all claims					
Place of search	Date of completion of the search	Name of member			
THE HAGUE	09/10/1988	PULLUARD R.J.P.A.			
CATEGORY OF CITED DOCUMENTS					
X : particularly relevant if taken alone	T : theory or principle underlying the invention				
Y : particularly relevant if combined with another document of the same category	E : earlier patent document, but published on, or after the filing date				
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