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54 **Musical tone generating apparatus for synthesizing musical tone signal by combining component wave signals.**

57 A global envelope is input by a user and stored in a global envelope memory (3). At the respective envelope-controlled sine wave generators (15-1 - 15-n), are generated envelope functions of the respective orders by modifying the input global envelope. The envelopes of component wave signals of a

plurality of orders are independently controlled by the envelope functions having the respective orders in the generators (15-1 - 15-n), and a musical tone signal is synthesized by combining the envelope-controlled component wave signals.

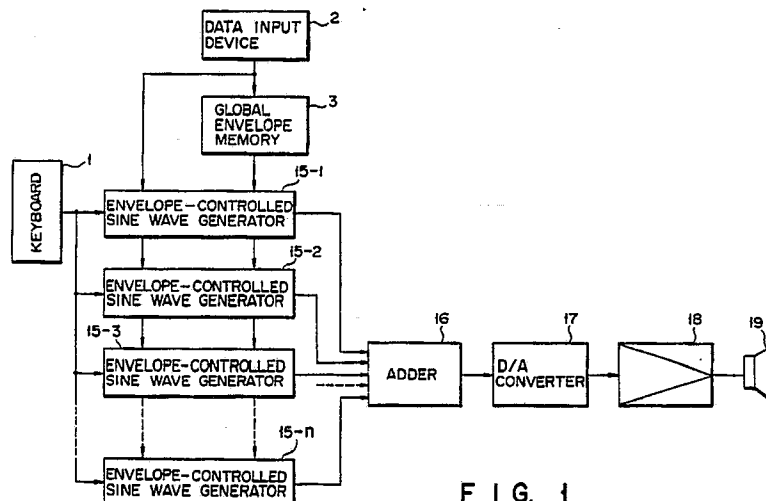


FIG. 1

EP 0 280 293 A3



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-4 149 440 (DEFOREIT) * Column 5, lines 15-48; column 13, lines 21-37; figures 1,10 * ---	1	G 10 H 1/057 G 10 H 1/08 G 10 H 7/00
A	US-A-4 215 617 (MOORER) * Column 5, lines 35-54; column 7, lines 3-48; figures 1,14 * ---	1	
A	US-A-4 471 681 (NISHIMOTO) * Column 1, lines 33-50; column 5, lines 6-45; figures 1,2e-2h * -----	1-4	
			TECHNICAL FIELDS SEARCHED (Int. Cl.4)
			G 10 H
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 19-03-1990	Examiner PULLUARD R.J.P.A.
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			