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Europäisches Patentamt
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11 Publication number:

0 529 273 A3

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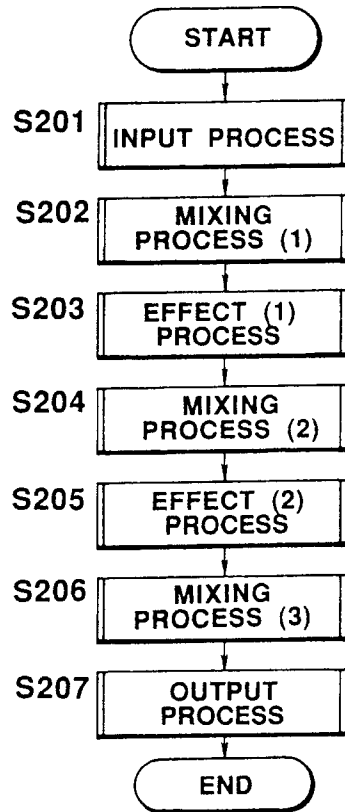
EUROPEAN PATENT APPLICATION21 Application number: **92112112.5**51 Int. Cl.⁵: **G10H 1/06, G10H 7/00**22 Date of filing: **15.07.92**30 Priority: **28.08.91 JP 216868/91**43 Date of publication of application:
03.03.93 Bulletin 93/0984 Designated Contracting States:
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D-80538 München (DE)54 **Effect adding apparatus.**

57 When a plurality of effects are simultaneously applied to an input audio signal, a plurality of effect-algorithms each for applying solely an effect to the input signal are stored in a memory (2), and a plurality of combination-algorithms or combination-data which represent combinations of the effects and orders in which effects are applied to the input audio signal are stored in the memory. When one of the combination-algorithms or the combination-data is selected, effect-algorithms included in the selected combination-algorithm or combination-data are se-

lectively read out from the memory. A program for applying effects in a predetermined combination and order is written by CPU (1) based on the read out effect-algorithms and combination-algorithm or combination-data. Receiving the program, DSP (4) successively applies effects to the input audio signal in accordance with the program. As a result, the present effector needs less memory capacity than the conventional effector in which a number of programs consisting of combinations of effect-algorithms are previously stored.

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FIG. 6





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)
A	US-A-4 572 048 (FRANZ ET AL.) * column 1, line 53 - column 2, line 37 * * column 6, line 34 - line 56 * * column 11, line 22 - line 40; figure 1 * ---	1-16	G10H1/06 G10H7/00
A	US-A-5 025 703 (IBA ET AL.) * column 4, line 9 - line 24 * * column 15, line 40 - column 16, line 33; figures 21-23 * ---	1	
A	US-A-4 472 993 (FUTAMASE ET AL.) * column 1, line 44 - column 2, line 36 * ---	1	
A	WO-A-91 01033 (SILLS) * page 3, line 4 - page 5, line 19 * -----	1	
			TECHNICAL FIELDS SEARCHED (Int.Cl.5)
			G10H
The present search report has been drawn up for all claims			
Place of search		Date of completion of the search	Examiner
THE HAGUE		25 May 1994	Pulluard, R
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	