

Title (en)

Waveform table modification instrument and method for generating musical sound.

Title (de)

Wellenformtabellen-Modifikationsinstrument und Verfahren zur Musiktoneerzeugung.

Title (fr)

Instrument et méthode de génération de sons musicaux par modification d'une table de forme d'onde.

Publication

**EP 0124197 A2 19841107 (EN)**

Application

**EP 84300670 A 19840202**

Priority

US 46327083 A 19830202

Abstract (en)

A musical instrument employing a wavetable-modification method of producing musical sound. A wavetable unit (13) periodically accessed to provide an output signal which determines the musical sound. The output signal from the wavetable unit (13) is modified in a modifier unit (14) and stored back into the wavetable unit (13) as modified data. The modified data, after a delay, is accessed from the wavetable unit (13) and thereby becomes a new output signal. This process is periodically repeated whereby each new output signal is modified and stored back into the wavetable unit (13) to produce rich and natural musical sound.

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**G10H 7/00**

IPC 8 full level

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Cited by

DE3504382A1; AU570669B2; EP0143578A3; EP1653442A1; DE3630611A1; US4754680A; US5025700A; US5136912A; US7626113B2; US11871207B1

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