

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

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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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IPC 8 full level

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Cited by

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

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