

Title (en)

WAVEFORM TABLE MODIFICATION INSTRUMENT AND METHOD FOR GENERATING MUSICAL SOUND

Publication

EP 0124197 A3 19870114 (EN)

Application

EP 84300670 A 19840202

Priority

US 46327083 A 19830202

Abstract (en)

[origin: EP0124197A2] 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.

IPC 1-7

G10H 7/00

IPC 8 full level

G10H 1/12 (2006.01); **G10H 1/16** (2006.01); **G10H 7/00** (2006.01); **G10H 7/02** (2006.01); **G10H 7/08** (2006.01); **G10K 15/12** (2006.01)

CPC (source: EP)

G10H 7/02 (2013.01); **G10H 2250/475** (2013.01)

Citation (search report)

- [X] US 4133241 A 19790109 - NIIMI KOJI, et al
- [A] US 4249447 A 19810210 - TOMISAWA NORIO [JP]
- [X] US 4351218 A 19820928 - DEUTSCH RALPH

Cited by

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

Designated contracting state (EPC)

DE FR GB IT NL

DOCDB simple family (publication)

EP 0124197 A2 19841107; **EP 0124197 A3 19870114**; **EP 0124197 B1 19910612**; AU 2395384 A 19840809; AU 570669 B2 19880324; CA 1215869 A 19861230; DE 3484690 D1 19910718; JP 2606791 B2 19970507; JP H07152382 A 19950616; JP H0776871 B2 19950816; JP H08110782 A 19960430; JP H0830955 B2 19960327; JP S59187398 A 19841024

DOCDB simple family (application)

EP 84300670 A 19840202; AU 2395384 A 19840201; CA 446482 A 19840131; DE 3484690 T 19840202; JP 13934194 A 19940530; JP 13934294 A 19940530; JP 1763584 A 19840202