

Title (en)
METHOD AND APPARATUS FOR GENERATING MUSICAL EFFECTS

Title (de)
VERFAHREN UND APPARAT ZUM GENERIEREN MUSIKALISCHER EFFEKTE

Title (fr)
PROCEDE ET APPAREIL DE GENERATION D'EFFETS MUSICAUX

Publication
EP 1057170 A1 20001206 (EN)

Application
EP 99903458 A 19990128

Priority

- US 9901812 W 19990128
- US 7291898 P 19980128
- US 7291998 P 19980128
- US 7292198 P 19980128
- US 7292298 P 19980128

Abstract (en)
[origin: WO9939329A1] An initial note series (104) is collected from a real-time source of musical input material (101) such as a keyboard or a sequencer playing back musical data, or extracted from musical data stored in memory (122). The initial note series may be altered to create variations of the initial note series using various mathematical operations. The resulting altered note series (110), or other data stored in memory is read out according to one or more patterns (116). The patterns may have steps containing pools of independently selectable items from which random selections are made. A pseudo-random number generator (142) is employed to perform the random selections during processing, where the random sequences thereby generated have the ability to be repeated at specific musical intervals.

IPC 1-7
G10H 1/00

IPC 8 full level
G10H 1/00 (2006.01); **G10H 1/02** (2006.01); **G10H 1/057** (2006.01); **G10H 1/20** (2006.01); **G10H 1/28** (2006.01); **G10H 1/40** (2006.01); **G10H 1/42** (2006.01)

CPC (source: EP)
G10H 1/00 (2013.01); **G10H 1/0091** (2013.01); **G10H 1/02** (2013.01); **G10H 1/0575** (2013.01); **G10H 1/20** (2013.01); **G10H 1/28** (2013.01); **G10H 1/40** (2013.01); **G10H 1/42** (2013.01); **G10H 2210/141** (2013.01); **G10H 2210/185** (2013.01); **G10H 2210/225** (2013.01); **G10H 2210/305** (2013.01); **G10H 2210/331** (2013.01); **G10H 2210/366** (2013.01); **G10H 2230/285** (2013.01); **G10H 2230/305** (2013.01); **G10H 2230/325** (2013.01); **G10H 2230/331** (2013.01); **G10H 2230/351** (2013.01); **G10H 2240/056** (2013.01); **G10H 2250/211** (2013.01)

Designated contracting state (EPC)
AT BE CH DE DK ES FI FR GB GR IE IT LI NL PT SE

DOCDB simple family (publication)
WO 9939329 A1 19990805; AU 2347199 A 19990816; EP 1057170 A1 20001206; EP 1057170 A4 20040506

DOCDB simple family (application)
US 9901812 W 19990128; AU 2347199 A 19990128; EP 99903458 A 19990128