Title (en)

Method and device for humanizing music sequences

Title (de)

Verfahren und Vorrichtung zur Humanisierung von Musiksequenzen

Title (fr)

Procédé et dispositif pour humaniser des séquences musicales

Publication

EP 2043089 A1 20090401 (EN)

Application

EP 07117541 A 20070928

Priority

EP 07117541 A 20070928

Abstract (en)

A method for humanizing a music sequence (S), the music sequence (S) comprising a multitude of sounds (s 1 , ..., s n) occurring on times (t 1 , ...,t n), comprises the steps - generating, for each time (t i) a random offset (o i), - adding the random offset (o i) to the time (t i) in order to obtain a modified time (t i + o i); and - outputting a humanized music sequence (S') wherein each sound (s i) occurs on the modified time (t i + o i). According to the invention, the power spectral density of the random offsets has the form wherein 0< ± < 2.

IPC 8 full level

G10H 1/42 (2006.01); **G10H 1/00** (2006.01)

CPC (source: EP)

G04F 5/025 (2013.01); **G10H 1/0033** (2013.01); **G10H 1/42** (2013.01); G10H 2210/165 (2013.01); G10H 2210/356 (2013.01); G10H 2250/211 (2013.01); G10H 2250/301 (2013.01)

Citation (search report)

- [A] US 3974729 A 19760817 - KOIKE MASAHIKO
- [A] US 6066793 A 20000523 - OGAI YOICHIRO [JP], et al
- [A] US 6506969 B1 20030114 - BARON RENE LOUIS [FR]

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK RS

DOCDB simple family (publication)

EP 2043089 A1 20090401; **EP 2043089 B1 20121114**

DOCDB simple family (application)

EP 07117541 A 20070928