

Title (en)

SYSTEM AND METHOD FOR PRODUCING A MORE HARMONIOUS MUSICAL ACCOMPANIMENT

Title (de)

SYSTEM UND VERFAHREN ZUR HERSTELLUNG EINER HARMONISCHEREN MUSIKBEGLEITUNG

Title (fr)

SYSTÈME ET PROCÉDÉ DE PRODUCTION D'UN ACCOMPAGNEMENT MUSICAL PLUS HARMONIEUX

Publication

EP 2737475 B1 20170201 (EN)

Application

EP 12826395 A 20120730

Priority

- US 201113194816 A 20110729
- US 201113194819 A 20110729
- US 2012048880 W 20120730

Abstract (en)

[origin: WO2013028315A1] A system and process for producing a more harmonious musical accompaniment for a musical compilation, the process comprising determining a plurality of probable key signatures for the musical compilation, creating an interval profiling matrix for each of the probable key signatures, finding products of a major key interval profile matrix with each of the interval profiling matrices, summing each of the major key interval products into a running major key sum, finding a product of a minor key interval profile with each of the interval profiling matrices, summing each of the minor key interval products into a running minor key sum, and selecting the most probable key signature from the plurality of probable key signatures by comparing the minor key sum and the major key sum.

IPC 8 full level

G10H 1/00 (2006.01); **G10H 1/38** (2006.01)

CPC (source: CN EP)

G10H 1/0025 (2013.01 - CN EP); **G10H 1/0033** (2013.01 - EP); **G10H 1/0091** (2013.01 - CN); **G10H 1/38** (2013.01 - CN); **G10H 2210/081** (2013.01 - CN); **G10H 2210/335** (2013.01 - EP); **G10H 2210/576** (2013.01 - EP); **G10H 2210/586** (2013.01 - EP); **G10H 2220/106** (2013.01 - CN); **G10H 2220/126** (2013.01 - CN); **G10H 2220/135** (2013.01 - EP)

Cited by

US2021241732A1; US11887567B2; WO2021158614A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

WO 2013028315 A1 20130228; BR 112014002269 A2 20170221; CA 2843437 A1 20130228; CN 104040618 A 20140910; CN 104040618 B 20161026; CN 106023969 A 20161012; CN 106023969 B 20200218; EP 2737475 A1 20140604; EP 2737475 A4 20150923; EP 2737475 B1 20170201; EP 3059886 A1 20160824; EP 3059886 B1 20180620; HK 1201975 A1 20150911; IN 741CHN2014 A 20150403; MX 2014001192 A 20141208; MX 345589 B 20170207

DOCDB simple family (application)

US 2012048880 W 20120730; BR 112014002269 A 20120730; CA 2843437 A 20120730; CN 201280048059 A 20120730; CN 201610208527 A 20120730; EP 12826395 A 20120730; EP 16163153 A 20120730; HK 15102281 A 20150306; IN 741CHN2014 A 20140129; MX 2014001192 A 20120730