

Title (en)

SYSTEM AND METHOD FOR DYNAMIC NOTE ASSIGNMENT FOR MUSICAL SYNTHESIZERS

Title (de)

SYSTEM UND VERFAHREN ZUR DYNAMISCHEN NOTENZUORDNUNG FÜR MUSIK-SYNTHESIZER

Title (fr)

SYSTÈME ET PROCÉDÉ D'ATTRIBUTION DE NOTE DYNAMIQUE POUR DES SYNTHÉTISEURS MUSICAUX

Publication

EP 2015855 A1 20090121 (EN)

Application

EP 06752409 A 20060505

Priority

US 2006017757 W 20060505

Abstract (en)

[origin: WO2007130056A1] A note assignment processor for assigning notes to selected channels to be played by said channels. The note assignment processor comprises an input for receiving a notes-to-be-played signal; a central processing unit for detecting the signal, determining the number of notes to be played simultaneously, and performing iterative process to assign each note to a selected channel; a note register for storing the total number of notes to be played simultaneously; a note list register for storing the notes to be played simultaneously in a pitch order; a current note register for storing the identity of the current note processed by the central processing unit; a channel register for storing the total number of channels available for note assignment; a channel list register for storing the channels in a specified order; and, a channels left register for storing the number of unassigned channels.

IPC 8 full level

A63H 5/00 (2006.01); **G04B 13/00** (2006.01); **G10H 7/00** (2006.01)

CPC (source: EP)

G10H 1/0066 (2013.01); **G10H 1/183** (2013.01)

Cited by

US9418641B2

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 NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

WO 2007130056 A1 20071115; EP 2015855 A1 20090121; EP 2015855 A4 20121024; EP 2015855 B1 20161005

DOCDB simple family (application)

US 2006017757 W 20060505; EP 06752409 A 20060505