

Title (en)
METHOD FOR ANALYZING FUNDAMENTAL FREQUENCY INFORMATION AND VOICE CONVERSION METHOD AND SYSTEM
IMPLEMENTING SAID ANALYSIS METHOD

Title (de)
VERFAHREN ZUR ANALYSE DER GRUNDFREQUENZ, VERFAHREN UND VORRICHTUNG ZUR SPRACHKONVERSION UNTER DESSEN
VERWENDUNG

Title (fr)
PROCEDE D ANALYSE D INFORMATIONS DE FREQUENCE FONDAMENT ALE ET PROCEDE ET SYSTEME DE CONVERSION DE VOIX
METTANT EN OEUVRE UN TEL PROCEDE D ANALYSE

Publication
EP 1606792 B1 20080514 (FR)

Application
EP 04716265 A 20040302

Priority
• FR 2004000483 W 20040302
• FR 0303790 A 20030327

Abstract (en)
[origin: US2006178874A1] A method for analyzing fundamental frequency information contained in voice samples includes at least one analysis step (2) for the voice samples which are grouped together in frames in order to obtain information relating to the spectrum and information relating to the fundamental frequency for each sample frame; a step (20) for the determination of a model representing the common characteristics of the spectrum and fundamental frequency of all samples; and a step (30) for determination of a fundamental frequency prediction function exclusively according to spectrum-related information on the basis of the model and voice samples.

IPC 8 full level
G10L 25/90 (2013.01); **G10L 21/013** (2013.01); **G10L 25/24** (2013.01)

CPC (source: EP US)
G10L 25/90 (2013.01 - EP US); **G10L 25/24** (2013.01 - EP US); **G10L 2021/0135** (2013.01 - EP US)

Cited by
CN102063899A

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
US 2006178874 A1 20060810; US 7643988 B2 20100105; AT E395684 T1 20080515; CN 100583235 C 20100120; CN 1795491 A 20060628; DE 602004013747 D1 20080626; EP 1606792 A1 20051221; EP 1606792 B1 20080514; FR 2853125 A1 20041001; JP 2006521576 A 20060921; JP 4382808 B2 20091216; WO 2004088633 A1 20041014

DOCDB simple family (application)
US 55122404 A 20040302; AT 04716265 T 20040302; CN 200480014488 A 20040302; DE 602004013747 T 20040302; EP 04716265 A 20040302; FR 0303790 A 20030327; FR 2004000483 W 20040302; JP 2006505682 A 20040302