

Title (en)

AUDIO ENCODING AND DECODING INCLUDING NON HARMONIC COMPONENTS OF THE AUDIO SIGNAL

Title (de)

AUDIOSIGNALKODIERER UND -DEKODIERER EINSCHLIESSLICH NICHT-HARMONISCHEN KOMPONENTEN

Title (fr)

CODAGE ET DECODAGE AUDIO INCLUANT DES COMPOSANTES NON HARMONIQUES DU SIGNAL

Publication

**EP 1192620 A1 20020403 (FR)**

Application

**EP 00949622 A 20000704**

Priority

- FR 0001907 W 20000704
- FR 9908636 A 19990705

Abstract (en)

[origin: WO0103119A1] The invention concerns a method wherein the encoder estimates a fundamental frequency (F0) of the audio signal, and includes in an output digital flow ( PHI ) of data encoding a harmonic component of the signal, representing spectral amplitudes associated with harmonics of the fundamental frequency, and data encoding a non-harmonic component of the signal, representing spectral amplitudes associated with frequencies located in zones of the intermediate spectrum relative to the harmonics. On the basis of said data, the decoder generates, over the whole extent of the spectrum, spectral estimates of the harmonic and non-harmonic components of the signal, and combines said spectral estimates to form a global spectral estimate from which it obtains the decoded version of the audio signal.

IPC 1-7

**G10L 19/02**

IPC 8 full level

**G10L 19/02** (2013.01)

CPC (source: EP)

**G10L 19/02** (2013.01)

Citation (search report)

See references of WO 0103119A1

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL

DOCDB simple family (publication)

**FR 2796192 A1 20010112; FR 2796192 B1 20011005**; AU 6292100 A 20010122; EP 1192620 A1 20020403; WO 0103119 A1 20010111

DOCDB simple family (application)

**FR 9908636 A 19990705**; AU 6292100 A 20000704; EP 00949622 A 20000704; FR 0001907 W 20000704