Title (en)

A CLASSING METHOD AND DEVICE FOR SOUND SIGNAL

Title (de)

CLASSING-VERFAHREN UND EINRICHTUNG FÜR EIN TONSIGNAL

Title (fr)

PROCÉDÉ ET DISPOSITIF DE CLASSEMENT POUR UN SIGNAL SONORE

Publication

EP 2096629 A4 20110126 (EN)

Application

EP 07855800 A 20071226

Priority

- CN 2007003798 W 20071226
- CN 200610164456 A 20061205

Abstract (en)

[origin: EP2096629A1] A method for classifying sound signals includes: receiving sound signals, and determining the update rate of background noise according to spectral distribution parameters of the background noise and the sound signals; and updating the noise parameters according to the update rate, and classifying the sound signals according to sub-band energy parameters and updated noise parameters. An apparatus for classifying sound signals includes: a background noise parameter updating module, configured to: determine the update rate of background noise according to spectral distribution parameters of the background noise and the current sound signals; and send the determined update rate; and a PSC module, configured to: receive the update rate from the background noise parameter updating module, update the noise parameters, classify the current sound signals according to the sub-band energy parameters and updated noise parameters, and send the sound signal type determined through classification.

IPC 8 full level

G10L 11/02 (2006.01); **G10L 25/78** (2013.01); G10L 19/20 (2013.01)

CPC (source: EP)

G10L 25/78 (2013.01); G10L 19/20 (2013.01)

Citation (search report)

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- [A] "Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); Audio codec processing functions; Extended Adaptive Multi-Rate - Wideband (AMR-WB+) codec; Transcoding functions (3GPP TS 26.290 version 6.3.0 Release 6); ETSI TS 126 290", ETSI STANDARDS, LIS, SOPHIA ANTIPOLIS CEDEX, FRANCE, vol. 3-SA4, no. V6.3.0, 1 June 2005 (2005-06-01), XP014030612, ISSN: 0000-0001
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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

DOCDB simple family (publication)

EP 2096629 A1 20090902; **EP 2096629 A4 20110126**; **EP 2096629 B1 20121024**; CN 100483509 C 20090429; CN 101197135 A 20080611; WO 2008067735 A1 20080612

DOCDB simple family (application)

EP 07855800 A 20071226; CN 200610164456 A 20061205; CN 2007003798 W 20071226