Title (en)

Identifying spurious signals in audio signals

Title (de)

Identifizierung von Störsignalen in Audiosignalen

Title (fr)

Identification de signaux parasites dans des signaux audio

Publication

EP 2816557 A1 20141224 (EN)

Application

EP 13173079 A 20130620

Priority

EP 13173079 A 20130620

Abstract (en)

A method and system for identifying a spurious signal in an audio signal are provided, which include: receiving at least one audio signal having a frequency spectrum, the at least one audio signal being derived from at least one digital signal; spectrally analyzing the at least one audio signal; determining the presence of a spurious signal, if a rate of increase of the audio level in a predetermined frequency region of the frequency spectrum exceeds a predetermined value and if a threshold value of the audio level is exceeded; and providing a trigger signal for attenuating the predetermined frequency portion of the at least one audio signal, if the presence of a spurious signal is determined.

IPC 8 full level

G10L 21/0208 (2013.01)

CPC (source: EP)

G10L 21/0208 (2013.01)

Citation (search report)

- [A] EP 2180465 A2 20100428 - YAMAHA CORP [JP]
- [A] SHIGEKI INOUE ET AL: "High Quality FM Stereo Decoding IC with Birdie Noise Cancelling Circuit", IEEE TRANSACTIONS ON CONSUMER ELECTRONICS, IEEE SERVICE CENTER, NEW YORK, NY, US, vol. 52, no. 3, 1 August 1981 (1981-08-01), pages 243 - 253, XP011153264, ISSN: 0098-3063
- [A] CHI-MIN LIU ET AL: "Compression Artifacts in Perceptual Audio Coding", IEEE TRANSACTIONS ON AUDIO, SPEECH AND LANGUAGE PROCESSING, IEEE SERVICE CENTER, NEW YORK, NY, USA, vol. 16, no. 4, 1 May 2008 (2008-05-01), pages 681 - 695, XP011207621, ISSN: 1558-7916

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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

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

EP 2816557 A1 20141224; **EP 2816557 B1 20151104**; KR 102180656 B1 20201119; KR 20140147687 A 20141230

DOCDB simple family (application)

EP 13173079 A 20130620; KR 20140068176 A 20140605