

Title (en)

IMPROVED CORRECTION OF FRAME LOSS WHEN DECODING A SIGNAL

Title (de)

VERBESSERTE KORREKTUR VON RAHMENVERLUSTEN BEI DER DECODIERUNG EINES SIGNALS

Title (fr)

CORRECTION PERFECTIONNÉE DE PERTE DE TRAME AU DÉCODAGE D'UN SIGNAL

Publication

EP 2951813 B1 20161207 (FR)

Application

EP 14705848 A 20140130

Priority

- FR 1350845 A 20130131
- FR 2014050166 W 20140130

Abstract (en)

[origin: WO2014118468A1] The invention relates to the processing of a signal, the signal comprising a series of samples distributed in consecutive frames. The processing is carried out during the decoding of such a signal in order to replace at least one signal frame lost during decoding, and comprises in particular the following steps: a) searching (S3), in a valid signal available for decoding, for a signal segment having a duration corresponding to a period determined on the basis of said valid signal; b) spectrally analysing the segment (S4), in order to determine spectral components of the segment; and c) synthesising (S6) at least one frame to replace the lost frame, by constructing a synthesis signal from at least one portion of the spectral components.

IPC 8 full level

G10L 19/005 (2013.01); **G10L 19/02** (2013.01)

CPC (source: EP RU US)

G10L 19/005 (2013.01 - EP RU US); **G10L 19/02** (2013.01 - EP RU US); **G10L 19/06** (2013.01 - RU US); **G10L 19/093** (2013.01 - RU); **G10L 19/12** (2013.01 - RU US); **G10L 2019/0016** (2013.01 - US)

Cited by

US2022246156A1; US11967327B2

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

DOCDB simple family (publication)

FR 3001593 A1 20140801; BR 112015018102 A2 20170718; BR 112015018102 B1 20220322; CA 2899438 A1 20140807; CA 2899438 C 20210202; CN 105122356 A 20151202; CN 105122356 B 20191220; EP 2951813 A1 20151209; EP 2951813 B1 20161207; JP 2016511432 A 20160414; JP 6426626 B2 20181121; KR 102398818 B1 20220517; KR 20150113161 A 20151007; MX 2015009964 A 20160602; MX 350634 B 20170912; RU 2015136540 A 20170306; RU 2652464 C2 20180426; US 2015371647 A1 20151224; US 9613629 B2 20170404; WO 2014118468 A1 20140807

DOCDB simple family (application)

FR 1350845 A 20130131; BR 112015018102 A 20140130; CA 2899438 A 20140130; CN 201480007003 A 20140130; EP 14705848 A 20140130; FR 2014050166 W 20140130; JP 2015555770 A 20140130; KR 20157023696 A 20140130; MX 2015009964 A 20140130; RU 2015136540 A 20140130; US 201414764422 A 20140130