

Title (en)  
TONSIGNALKODIERUNG MIT GERINGER VERZÖGERUNG UNTER ALTERNIERENDER VERWENDUNG VON PRÄDIKTIVER KODIERUNG UND TRANSFORMATIONSKODIERUNG

Title (de)  
LOW-DELAY SOUND CODING ALTERNATING PREDICTIVE CODING AND TRANSFORM CODING

Title (fr)  
CODAGE DE SON À BAS RETARD ALTERNANT CODAGE PRÉDICTIF ET CODAGE PAR TRANSFORMÉE

Publication  
**EP 2656343 A1 20131030 (FR)**

Application  
**EP 11815474 A 20111220**

Priority  
• FR 1061203 A 20101223  
• FR 2011053097 W 20111220

Abstract (en)  
[origin: WO2012085451A1] The invention relates to a method for encoding a digital signal, comprising the steps of encoding (E601) a preceding frame of samples of the digital signal according to a predictive encoding process, and encoding (E603) a current frame of samples of the digital signal according to a transform encoding process. The method is implemented such that a first portion of the current frame is also encoded (E602) by predictive encoding that is limited relative to the predictive encoding of the preceding frame by reusing at least one parameter of the predictive encoding of the preceding frame and only encoding the parameters of said first portion of the current frame that are not reused. The invention also relates to a decoding method that corresponds to the described encoding method. The invention further relates to an encoder and a decoder implementing the described encoding and decoding methods, respectively.

IPC 1-7  
**G10L 19/14**

IPC 8 full level  
**G10L 19/022** (2013.01); **G10L 19/12** (2013.01); **G10L 19/18** (2013.01); **G10L 19/02** (2013.01); **G10L 19/04** (2013.01)

CPC (source: EP KR RU US)  
**G10L 19/02** (2013.01 - KR RU); **G10L 19/0212** (2013.01 - RU); **G10L 19/022** (2013.01 - EP RU US); **G10L 19/04** (2013.01 - RU); **G10L 19/06** (2013.01 - KR); **G10L 19/12** (2013.01 - RU US); **G10L 19/18** (2013.01 - EP RU US); **G10L 19/0212** (2013.01 - EP US); **G10L 19/04** (2013.01 - EP US)

Citation (search report)  
See references of WO 2012085451A1

Cited by  
WO2015197989A1; EP4047492A1

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)  
**WO 2012085451 A1 20120628**; BR 112013016267 A2 20180703; BR 112013016267 B1 20210202; CN 103384900 A 20131106; CN 103384900 B 20150610; EP 2656343 A1 20131030; EP 2656343 B1 20141119; ES 2529221 T3 20150218; FR 2969805 A1 20120629; JP 2014505272 A 20140227; JP 5978227 B2 20160824; KR 101869395 B1 20180620; KR 20130133816 A 20131209; RU 2013134227 A 20150127; RU 2584463 C2 20160520; US 2013289981 A1 20131031; US 9218817 B2 20151222

DOCDB simple family (application)  
**FR 2011053097 W 20111220**; BR 112013016267 A 20111220; CN 201180068351 A 20111220; EP 11815474 A 20111220; ES 11815474 T 20111220; FR 1061203 A 20101223; JP 2013545471 A 20111220; KR 20137019387 A 20111220; RU 2013134227 A 20111220; US 201113997446 A 20111220