

Title (en)
OPTIMIZED LOW-THROUGHPUT PARAMETRIC CODING/DECODING

Title (de)
OPTIMIERTE PARAMETRISCHE CODIERUNG/DECODIERUNG MIT NIEDRIGEM DURCHSATZ

Title (fr)
CODAGE/DÉCODAGE PARAMÉTRIQUE BAS DÉBIT OPTIMISÉ

Publication
EP 2489039 B1 20150812 (FR)

Application
EP 10785120 A 20101015

Priority
• FR 0957254 A 20091015
• FR 2010052192 W 20101015

Abstract (en)
[origin: WO2011045548A1] The present invention pertains to a method of parametric coding of a multichannel digital audio signal comprising a step of coding a signal arising from a channel reduction matrixing of the multichannel signal. The method of coding furthermore comprises the following steps: obtaining, per frame of predetermined length, spatial information parameters for the multichannel signal; dividing the spatial information parameters into a plurality of blocks of parameters; selecting a block of parameters as a function of the index of the current frame; coding the block of parameters selected for the current frame. The invention pertains also to a method of decoding the multichannel signal by decoding the blocks of parameters received per frame. It pertains to a coder and decoder implementing the respective methods of coding and decoding.

IPC 8 full level
G10L 19/00 (2006.01); **G10L 19/008** (2013.01); **H04S 3/00** (2006.01); **G10L 19/16** (2013.01)

CPC (source: EP KR US)
G10L 19/008 (2013.01 - EP US); **G10L 19/02** (2013.01 - KR); **H04R 5/00** (2013.01 - KR); **H04S 3/008** (2013.01 - EP US);
H04S 3/02 (2013.01 - KR); **G10L 19/167** (2013.01 - EP US); **H04S 2420/03** (2013.01 - EP US)

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 2011045548 A1 20110421; BR 112012008793 A2 20200915; BR 112012008793 B1 20210223; CN 102656628 A 20120905;
CN 102656628 B 20140813; EP 2489039 A1 20120822; EP 2489039 B1 20150812; JP 2013508743 A 20130307; JP 5752134 B2 20150722;
KR 101646650 B1 20160808; KR 20120095920 A 20120829; US 2012207311 A1 20120816; US 9167367 B2 20151020

DOCDB simple family (application)
FR 2010052192 W 20101015; BR 112012008793 A 20101015; CN 201080056964 A 20101015; EP 10785120 A 20101015;
JP 2012533682 A 20101015; KR 20127012552 A 20101015; US 201013502316 A 20101015