

Title (en)
LIMITATION OF DISTORTION INTRODUCED BY A POST-PROCESSING STEP DURING DIGITAL SIGNAL DECODING

Title (de)
BEGRENZUNG DER DURCH EINEN NACHBEARBEITUNGSSCHRITT WÄHREND EINER DIGITALSIGNALDEKODIERUNG
HERBEIGEFÜHRTEN VERZERRUNGEN

Title (fr)
LIMITATION DE DISTORSION INTRODUITE PAR UN POST-TRAITEMENT AU DECODAGE D'UN SIGNAL NUMERIQUE

Publication
EP 2162883 B1 20120905 (FR)

Application
EP 08806164 A 20080704

Priority
• FR 2008051246 W 20080704
• FR 0704901 A 20070706

Abstract (en)
[origin: WO2009010672A2] The invention relates to the processing of a digital signal originating from a decoder and a noise reduction post-processing step, including, in particular, limitation of distortion introduced by the post-processing step in order to deliver a corrected output signal (SOUT), assigning said corrected output signal (SOUT) with: a current amplitude having an intermediary value between a current amplitude value of the post-processed signal (SPOST) and a corresponding current amplitude value of the decoded signal (S'MIC), or the current amplitude of the post-processed signal (SPOST), according to the respective values of the current amplitude of the post-processed signal (SPOST) and by the corresponding current amplitude of the decoded signal (S'MIC).

IPC 8 full level
G10L 19/14 (2006.01); **G10L 19/26** (2013.01); **G10L 21/02** (2006.01)

CPC (source: EP US)
G10L 19/26 (2013.01 - EP US); **G10L 21/02** (2013.01 - EP US)

Citation (examination)
• US 2009214054 A1 20090827 - FUJII KENSAKU [JP], et al & WO 2006095736 A1 20060914 - TOA CORP [JP], et al
• WO 2005004114 A1 20050113 - KONINKL PHILIPS ELECTRONICS NV [NL], et al
• KAZUHIRO YAMATO ET AL: "Post-Processing Noise Suppressor with Adaptive Gain-Flooring for Cell-Phone Handsets and IC Recorders", CONSUMER ELECTRONICS, 2007. ICCE 2007. DIGEST OF TECHNICAL PAPERS. INT ERNATIONAL CONFERENCE ON, IEEE, PI, 1 January 2007 (2007-01-01), pages 1 - 2, XP031071497, ISBN: 978-1-4244-0762-0, DOI: DOI:10.1109/ICCE.2007.341512

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)
WO 2009010672 A2 20090122; WO 2009010672 A3 20090305; CN 101816041 A 20100825; CN 101816041 B 20121226;
EP 2162883 A2 20100317; EP 2162883 B1 20120905; JP 2010532875 A 20101014; JP 5179578 B2 20130410; KR 101470940 B1 20141209;
KR 20100042251 A 20100423; US 2010241427 A1 20100923; US 8571856 B2 20131029

DOCDB simple family (application)
FR 2008051246 W 20080704; CN 200880106178 A 20080704; EP 08806164 A 20080704; JP 2010514083 A 20080704;
KR 20107000183 A 20080704; US 66790808 A 20080704