(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization
International Bureau

(43) International Publication Date
8 October 2009 (08.10.2009)

PCT

(10) International Publication Number
WO 2009/121499 A1

(51) International Patent Classification:
G10L 19/02 (2006.01)

(21) International Application Number:
PCT/EP2009/002118

(22) International Filing Date:
23 March 2009 (23.03.2009)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
61/042, 314 4 April 2008 (04.04.2008) US
08021298.8 8 December 2008 (08.12.2008) EP

(71) Applicant *(for all designated States except US)*: **FRAUENHOFER-GESELLSCHAFT ZUR FÖRDERUNG DER ANGEWANDTEN FORSCHUNG E.V.** [DE/DE]; Hansastr. 27c, 80686 München (DE).

(72) Inventors; and

(75) Inventors/Applicants *(for US only)*: **EDLER, Bernd** [DE/DE]; Hemelingstr. 10, 30419 Hannover (DE). **DISCH, Sascha** [DE/DE]; Turnstr. 7, 90763 Fuerth (DE). **GEIGER, Ralf** [DE/DE]; Maxtorgraben 29, 90409 Nuernberg (DE). **BAYER, Stefan** [AT/DE]; Dortmunder Str. 14, 90425 Nuernberg (DE). **KRAEMER, Ulrich** [DE/DE]; Erfurter Str. 31 c, 98693 Ilmenau (DE). **FUCHS, Guillaume** [DE/DE]; Parkstrasse 12, 90409 Nuernberg (DE). **NEUENDORF, Max** [DE/DE]; Krelingstr. 15, 90408 Nuernberg (DE). **MULTRUS, Markus** [DE/DE]; Etzlaubweg 7, 90469 Nuernberg (DE). **SCHULLER, Gerald** [DE/DE]; Leopoldstr. 13, 99089 Erfurt (DE). **POPP, Harald** [DE/DE]; Obermichelbacher Str. 18, 90587 Tuchenbach (DE).

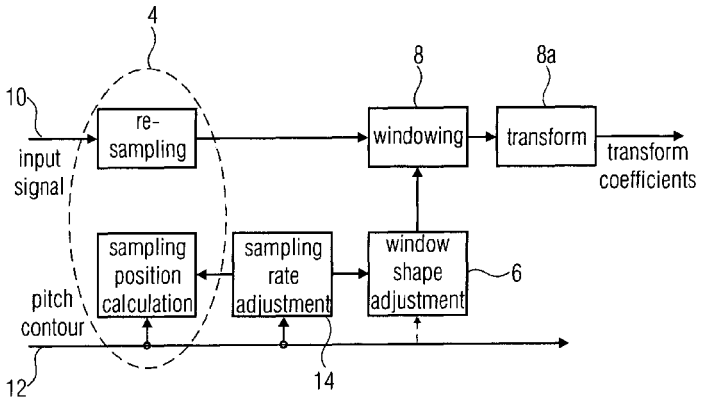
(74) Agent: **ZINKLER, Franz**; Schoppe, Zimmermann, Stöckeler & Zinkler, Postfach 246, 82043 Pullach/München (DE).

(81) Designated States *(unless otherwise indicated, for every kind of national protection available)*: AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, ST, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW.

(84) Designated States *(unless otherwise indicated, for every kind of regional protection available)*: ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE,

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(54) Title: AUDIO TRANSFORM CODING USING PITCH CORRECTION



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FIG 1

(57) Abstract: A processed representation of an audio signal having a sequence of frames is generated by sampling the audio signal within a first and a second frame of the sequence of frames, the second frame following the first frame, the sampling using information on a pitch contour of the first and the second frame to derive a first sampled representation. The audio signal is sampled within the second and the third frame, the third frame following the second frame in the sequence of frames. The sampling uses the information on the pitch contour of the second frame and information on a pitch contour of the third frame to derive a second sampled representation. A first scaling window is derived for the first sampled representation and a second scaling window is derived for the second sampled representation, the scaling windows depending on the samplings applied to derive the first sampled representations or the second sampled representation.

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ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MK, MT, NL, NO, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

— *with international search report (Art. 21(3))*

— *before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments (Rule 48.2(h))*