

(51) International Patent Classification:
G10L 19/14 (2006.01)(21) International Application Number:
PCT/EP2009/004873(22) International Filing Date:
6 July 2009 (06.07.2009)

(25) Filing Language: English

(26) Publication Language: English

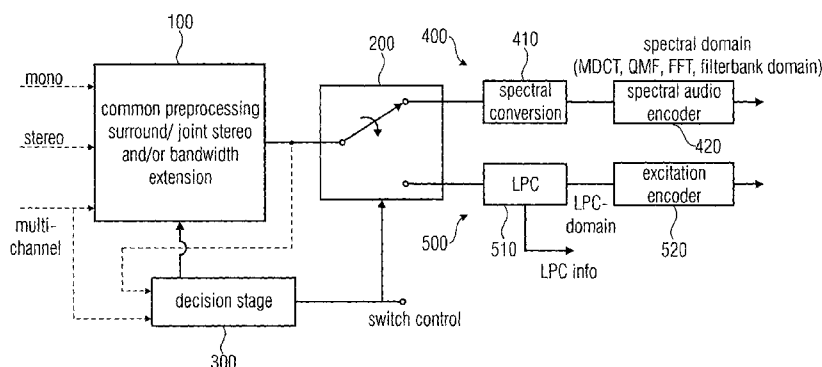
(30) Priority Data:
61/079,861 11 July 2008 (11.07.2008) US
08017662.1 8 October 2008 (08.10.2008) EP
09002272.4 18 February 2009 (18.02.2009) EP(71) Applicant (for all designated States except US):
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82043 Pullach (DE).(81) Designated States (unless 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, CL, 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, PE, 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,

[Continued on next page]

(54) Title: LOW BITRATE AUDIO ENCODING/DECODING SCHEME WITH COMMON PREPROCESSING

FIG 1A
(Encoder)

(57) Abstract: An audio encoder comprises a common preprocessing stage (100), an information sink based encoding branch (400) such as spectral domain encoding branch, a information source based encoding branch (500) such as an LPC-domain encoding branch and a switch (200) for switching between these branches at inputs into these branches or outputs of these branches controlled by a decision stage (300). An audio decoder comprises a spectral domain decoding branch, an LPC- domain decoding branch, one or more switches for switching between the branches and a common post-processing stage for post-processing a time-domain audio signal for obtaining a post-processed audio signal.



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, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MK, MT, NL, NO, PL, PT, RO, SE, SI, SK, SM,

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))