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

(19) World Intellectual Property Organization
International Bureau

(43) International Publication Date
16 May 2013 (16.05.2013)

WIPO | PCT

(10) International Publication Number
WO 2013/070353 A1

(51) International Patent Classification:
H03M 7/40 (2006.01) *H04N 7/30* (2006.01)

(21) International Application Number:
PCT/US2012/059092

(22) International Filing Date:
5 October 2012 (05.10.2012)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
61/557,325 8 November 2011 (08.11.2011) US
61/561,911 20 November 2011 (20.11.2011) US
13/645,296 4 October 2012 (04.10.2012) US

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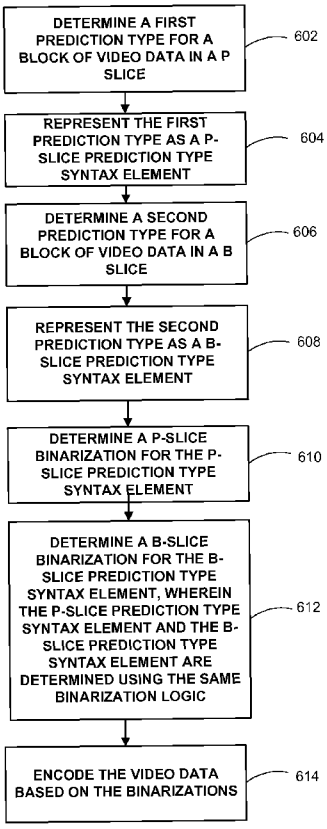
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(81) Designated States *(unless otherwise indicated, for every kind of national protection available)*: AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BN, BR, BW, BY, BZ, CA, CH, CL, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, 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, PA, PE, PG, PH, PL, PT, QA, RO, RS, RU, RW, SC, SD, SE, SG, SK, SL, SM, ST, SV, SY, TH, 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, LR, LS, MW, MZ, NA, RW, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, RU, TJ,

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(54) Title: CONTEXT REDUCTION FOR CONTEXT ADAPTIVE BINARY ARITHMETIC CODING



(57) Abstract: FIG. 6 is a flowchart illustrating an example video encoding method of the disclosure. The method of FIG. 6 may be implemented by video encoder 20. Video encoder 20 may be configured to determine a first prediction type for a block of video data in a P slice (602), and to represent the first prediction type as a P-slice prediction type syntax element (604). Video encoder 20 may be further configured to determine a second prediction type for a block of video data in a B slice (606), and to represent the second prediction type as a B-slice prediction type syntax element (608). The P-slice prediction type syntax element and the B-slice prediction type syntax element specify a prediction mode and a partition type. The prediction mode may include one of inter- prediction and intra-prediction. The partition type may include one of symmetric partitions and asymmetric partitions. Video encoder 20 may be further configured to determine a P-slice binarization for the P-slice prediction type syntax element (610), and to determine a B-slice binarization for the B-slice prediction type syntax element, wherein the P-slice prediction type syntax element and the B-slice prediction type syntax element are determined using the same binarization logic (612). Video encoder 20 may then encode the video data based on the binarizations of the P-slice prediction type syntax element and the B-slice prediction type syntax element (614).

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TM), European (AL, 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, RS, 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))*

— *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))*