



(51) International Patent Classification:
H04N 19/00 (2014.01)

(21) International Application Number:
PCT/US2013/021261

(22) International Filing Date:
11 January 2013 (11.01.2013)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
61/586,668 13 January 2012 (13.01.2012) US
61/588,595 19 January 2012 (19.01.2012) US
61/597,097 9 February 2012 (09.02.2012) US
13/738,574 10 January 2013 (10.01.2013) US

(71) Applicant: **QUALCOMM INCORPORATED** [US/US];
ATTN: International IP Administration, 5775 Morehouse
Drive, San Diego, California 92121-1714 (US).

(72) Inventors: **SEREGIN, Vadim**; 5775 Morehouse Drive,
San Diego, California 92121 (US). **SOLE ROJALS, Joel**;
5775 Morehouse Drive, San Diego, California 92121 (US).
KARCZEWICZ, Marta; 5775 Morehouse Drive, San
Diego, California 92121 (US).

(74) Agent: **DAWLEY, Brian R.**; Shumaker & Sieffert, P.A.,
1625 Radio Drive, Suite 300, Woodbury, Minnesota 55125
(US).

(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,
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))*

(88) Date of publication of the international search report:
20 March 2014

(54) Title: DETERMINING CONTEXTS FOR CODING TRANSFORM COEFFICIENT DATA IN VIDEO CODING

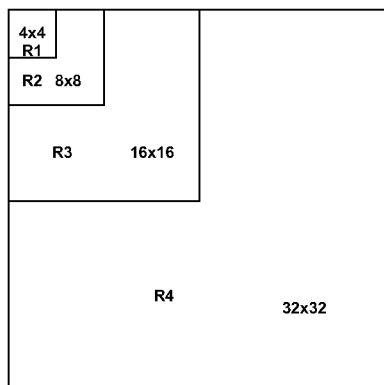


FIG. 12

(57) Abstract: In one example, a device for coding video data includes a video coder configured to determine whether a transform coefficient of a video block is a DC transform coefficient, when the transform coefficient is determined to be the DC transform coefficient of the video block, determine a context for coding the transform coefficient based on the transform coefficient being the DC transform coefficient without regard for a size of the video block, and entropy code the transform coefficient using the determined context.

