

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

(19) World Intellectual Property
Organization
International Bureau

(43) International Publication Date
30 April 2020 (30.04.2020)



(10) International Publication Number
WO 2020/086985 A1

(51) International Patent Classification:

H04N 19/11 (2014.01) H04N 19/59 (2014.01)
H04N 19/117 (2014.01) H04N 19/593 (2014.01)
H04N 19/119 (2014.01) H04N 19/70 (2014.01)
H04N 19/176 (2014.01) H04N 19/80 (2014.01)

KARCZEWICZ, Marta; 5775 Morehouse Drive, San Diego, California 92121-1714 (US).

(74) Agent: **JOSEPH, Jeffrey R.**; Shumaker & Sieffert, P.A., 1625 Radio Drive, Suite 100, Woodbury, Minnesota 55125 (US).

(21) International Application Number:

PCT/US2019/058111

(22) International Filing Date:

25 October 2019 (25.10.2019)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

62/750,749 25 October 2018 (25.10.2018) US
62/865,872 24 June 2019 (24.06.2019) US
16/663,193 24 October 2019 (24.10.2019) US

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

(72) Inventors: **VAN DER AUWERA, Geert**; 5775 Morehouse Drive, San Diego, California 92121-1714 (US). **RAMASUBRAMONIAN, Adarsh Krishnan**; 5775 Morehouse Drive, San Diego, California 92121-1714 (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, DJ, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IR, IS, JO, JP, KE, KG, KH, KN, KP, KR, KW, KZ, LA, LC, LK, LR, LS, 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, SA, 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, ST, 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,

(54) Title: WIDE-ANGLE INTRA PREDICTION SMOOTHING AND INTERPOLATION

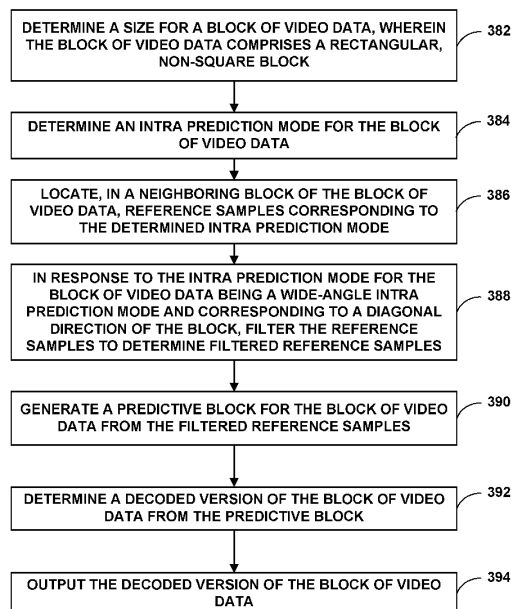


FIG. 12

(57) Abstract: A device for decoding video data can be configured to determine a size for a block of video data, wherein the block of video data comprises a rectangular, non-square block; determine an intra prediction mode for the block of video data; locate, in a neighboring block of the block of video data, reference samples corresponding to the determined intra prediction mode; in response to the intra prediction mode for the block of video data being a wide-angle intra prediction mode and corresponding to a diagonal direction of the block, filter the reference samples to determine filtered reference samples; generate a predictive block for the block of video data from the filtered reference samples; determine decoded version of the block of video data from the predictive block; and output the decoded version of the block of video data.

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[Continued on next page]

TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW,
KM, 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))*