

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

(19) World Intellectual Property
Organization
International Bureau

(43) International Publication Date
24 September 2020 (24.09.2020)



(10) International Publication Number
WO 2020/190468 A1

- (51) **International Patent Classification:**
H04N 19/117 (2014.01) *H04N 19/186* (2014.01)
H04N 19/157 (2014.01) *H04N 19/54* (2014.01)
- (21) **International Application Number:**
PCT/US2020/019945
- (22) **International Filing Date:**
26 February 2020 (26.02.2020)
- (25) **Filing Language:** English
- (26) **Publication Language:** English
- (30) **Priority Data:**
62/819,368 15 March 2019 (15.03.2019) US
16/800,832 25 February 2020 (25.02.2020) US
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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, 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, ST, SV, SY, TH, TJ, TM, TN, TR,
TT, TZ, UA, UG, US, UZ, VC, VN, WS, 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,
TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW,
KM, ML, MR, NE, SN, TD, TG).

(54) **Title:** VIDEO CODING IN TRIANGULAR PREDICTION UNIT MODE USING DIFFERENT CHROMA FORMATS

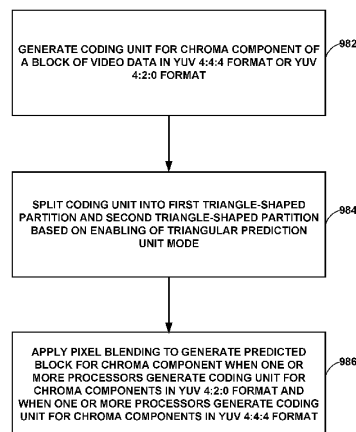


FIG. 10

(57) **Abstract:** A device for processing video data includes a memory configured to store video data and one or more processors implemented in circuitry. The one or more processors are configured to generate a coding unit for chroma components of a block of video data. The one or more processors are configured to split the coding unit for chroma components into a first triangle-shaped partition and a second triangle-shaped partition. The one or more processors are configured to apply pixel blending using a set of weights for a YUV 4:2:0 format to generate a predicted block for the chroma components of the block of video data when the one or more processors generate the coding unit for chroma components in the YUV 4:2:0 format and when the one or more processors generate the coding unit for chroma components in a YUV 4:4:4 format.

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Published:

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