

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

(19) World Intellectual Property
Organization
International Bureau

(43) International Publication Date
26 September 2024 (26.09.2024)



(10) International Publication Number
WO 2024/194243 A1

(51) International Patent Classification:

H04N 19/105 (2014.01) H04N 19/176 (2014.01)
H04N 19/11 (2014.01) H04N 19/186 (2014.01)
H04N 19/147 (2014.01) H04N 19/196 (2014.01)

(21) International Application Number:

PCT/EP2024/057124

(22) International Filing Date:

18 March 2024 (18.03.2024)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

23305388.3 22 March 2023 (22.03.2023) EP
23306017.7 26 June 2023 (26.06.2023) EP

(71) Applicant: **INTERDIGITAL CE PATENT HOLDINGS, SAS** [FR/FR]; 3 rue du Colonel Moll, 75017 Paris (FR).

(72) Inventors: **BORDES, Philippe**; c/o InterDigital, Immeuble ZEN 2, 845A Avenue des Champs Blancs, 35510 CESSON-SEVIGNE (FR). **NASER, Karam**; c/o InterDigital, Immeuble ZEN 2, 845A Avenue des Champs Blancs, 35510 CESSON-SEVIGNE (FR). **GALPIN, Franck**; c/o InterDigital, Immeuble ZEN 2, 845A Avenue des Champs

Blancs, 35510 CESSON-SEVIGNE (FR). **REUZE, Kevin**; c/o InterDigital, Immeuble ZEN 2, 845A Avenue des Champs Blancs, 35510 CESSON-SEVIGNE (FR).

(74) Agent: **INTERDIGITAL**; Immeuble Zen 2, 845A Avenue des Champs Blancs, 35510 CESSON-SEVIGNE (FR).

(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, CV, CZ, DE, DJ, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IQ, IR, IS, IT, JM, JO, JP, KE, KG, KH, KN, KP, KR, KW, KZ, LA, LC, LK, LR, LS, LU, LY, MA, MD, MG, MK, MN, MU, 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, CV, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SC, 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, ME, MK, MT, NL, NO, PL, PT, RO, RS, SE,

(54) Title: CROSS-COMPONENT PREDICTION IN INTER PICTURES

(57) Abstract: A method comprising: obtaining a first block to reconstruct using a cross-component coding mode in which a model of the cross-component coding mode to apply to reconstruct the first block is obtained from a model of the cross-component coding mode associated to a reconstructed second block, wherein, the second block was reconstructed using a mode different from the cross-component coding mode.

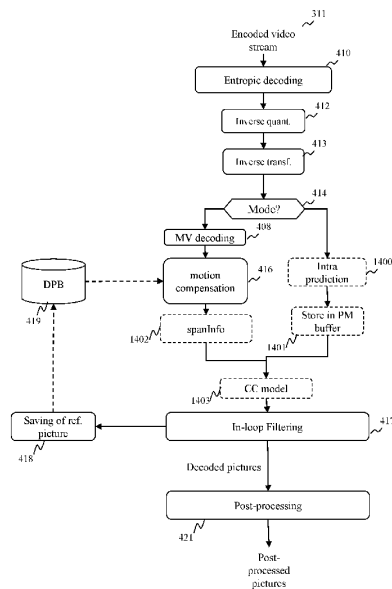


Fig. 14

WO 2024/194243 A1

[Continued on next page]

WO 2024/194243 A1

SI, SK, SM, 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))*