



(51) International Patent Classification:
H04N 19/463 (2014.01) *H04N 19/70* (2014.01)

(21) International Application Number:
PCT/EP2020/073117

(22) International Filing Date:
18 August 2020 (18.08.2020)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
FR19192413.3 19 August 2019 (19.08.2019) EP

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(54) Title: USAGE OF ACCESS UNIT DELIMITERS AND ADAPTATION PARAMETER SETS

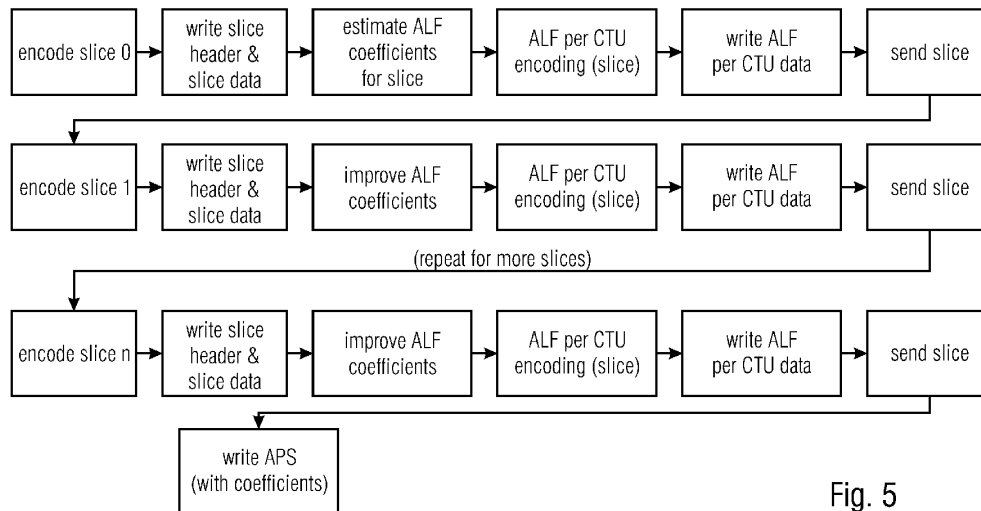


Fig. 5

(57) **Abstract:** Video decoder comprising a decoding core (94) configured to reconstruct a decoded picture using motion compensated prediction and transform-based residual decoding from one or more video coding units (100) within an access unit, AU, of a video data stream to obtain a reconstructed version (46a) of the decoded picture; an in-loop filter (90) configured to filter the reconstructed version of the decoded picture to obtain a version (46b) of the decoded picture to be inserted into the decoded picture buffer (92), DPB, of the video decoder; and a parametrizer configured to parametrize the in-loop filter by reading in-loop filter control information for parametrizing the in-loop filter from one or more parameter sets (102, 104) located within the access unit, AU, of the decoded picture which follow, along data stream order, the one or more video coding units (100), and/or a portion (106) of the one or more video coding units (100) following, along data stream order, data (108) comprised by the one or more video coding units (100), which carries block-

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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, IT, 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).

Published:

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

based prediction parameter data and prediction residual data, and parametrizing the in-loop filter so as to filter the reconstructed version of the decoded picture in a manner depending on the in-loop filter control information.