



(51) International Patent Classification:
H03M 7/00 (2006.01)

(21) International Application Number:
PCT/US2020/038417

(22) International Filing Date:
18 June 2020 (18.06.2020)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
62/863,742 19 June 2019 (19.06.2019) US
16/904,000 17 June 2020 (17.06.2020) 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,

(54) Title: METHOD AND APPARATUS FOR REDUCING CONTEXT MODELS FOR ENTROPY CODING OF TRANSFORM
COEFFICIENT SIGNIFICANT FLAG

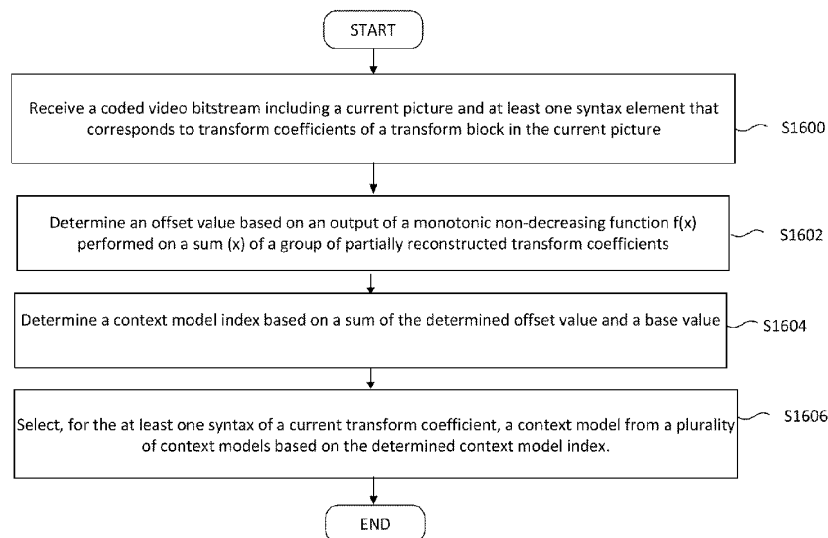


FIG. 16

(57) Abstract: A method of video decoding performed in a video decoder includes receiving a coded video bitstream including a current picture and at least one syntax element that corresponds to transform coefficients of a transform block in the current picture. The method further includes determining an offset value based on an output of a monotonic non-decreasing $f(x)$ function performed on a sum (x) of a group of partially reconstructed transform coefficients. The method further includes determining a context model index based on a sum of the determined offset value and a base value. The method further includes selecting, for the at least one syntax of a current transform coefficient, a context model from a plurality of context models based on the determined context model index.

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))