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(54) Title: LOW COMPLEXITY HISTORY USAGE FOR RICE PARAMETER DERIVATION FOR HIGH BIT-DEPTH VIDEO CODING

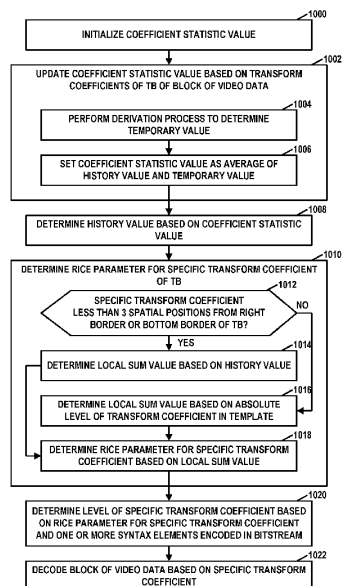


FIG. 10

(57) Abstract: A method of decoding video data comprises updating a coefficient statistic value based on one or more transform coefficients of a transform block (TB), wherein updating the coefficient statistic value comprises, for each respective transform coefficient of the one or more transform coefficients of the TB: performing a derivation process to determine a temporary value, wherein the derivation process is determined based at least in part on which encoding procedure of a plurality of encoding procedures is used to encode the respective transform coefficient, the plurality of encoding procedures including a context-based procedure for encoding the respective transform coefficient and encoding the respective transform coefficient as an absolute value; and setting the coefficient statistic value as an average of the coefficient statistic value and the temporary value; determining a history value based on the coefficient statistic value; determining a Rice parameter for a specific transform coefficient of the TB.

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