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(54) Title: AN ENCODER, A DECODER AND CORRESPONDING METHODS

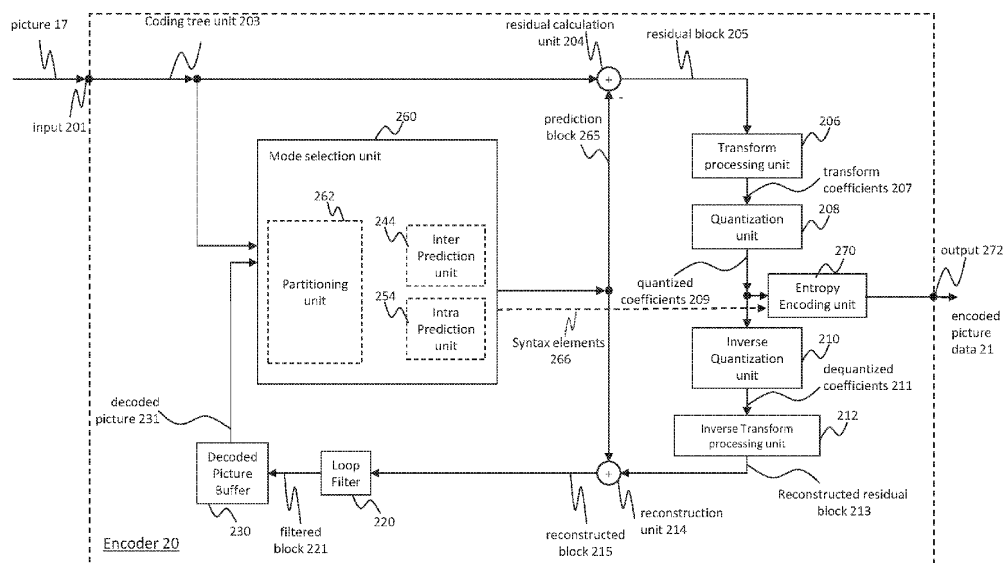


Fig. 2

(57) Abstract: The present disclosure provides a method of decoding a coded video bitstream, the method comprising: obtaining a picture-level syntax element included in a picture header of the current picture by parsing the video bitstream, wherein the picture-level syntax element is used to specify whether an adaptive loop filter (ALF) is enabled for the current picture; in case that the picture-level syntax element specifies the adaptive loop filter is enabled for the current picture, obtaining a parameter set identifier included in the picture header, wherein the parameter set identifier is used to indicate a first parameter set comprising a set of ALF parameters, and wherein a temporal identifier of the first parameter set is less than or equal to a temporal identifier of the current picture; performing the adaptive loop filter on at least one slice of the current picture based on the first parameter set.

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