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600

Performing a conversion, according to a rule, between a current slice of a current picture of a video and a bitstream of the video, the rule specifying that a value of a first syntax element of a picture parameter set (PPS) and a value of a second syntax element of the PPS control whether a third syntax element is included in the bitstream, the first syntax element indicating whether a weighted prediction is enabled for bi-directional slices (B slices) of coded pictures in the bitstream referring to the PPS, the second syntax element indicating whether information related to the weighted prediction is present in picture headers or slice headers of coded pictures referring to the PPS, and the third syntax element indicating a number of weights associated with a reference picture list 1 of the current slice

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FIG. 6

(57) **Abstract:** Systems, methods and apparatus for video processing, which include weighted prediction for video blocks, are described. One example method includes performing a conversion, according to a rule, between a current slice of a current picture of a video and a bitstream of the video, wherein the rule specifies that a first syntax element of a picture parameter set (PPS) and a second syntax element of the PPS control whether a third syntax element is included in the bitstream, and wherein the first syntax element indicates whether a weighted prediction is enabled for bi-directional slices of coded pictures referring to the PPS, the second syntax element indicates whether information related to the weighted prediction is present in picture headers or slice headers of coded pictures referring to the PPS, and the third syntax element indicates a number of weights associated with a reference picture list 1 of the current slice.

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