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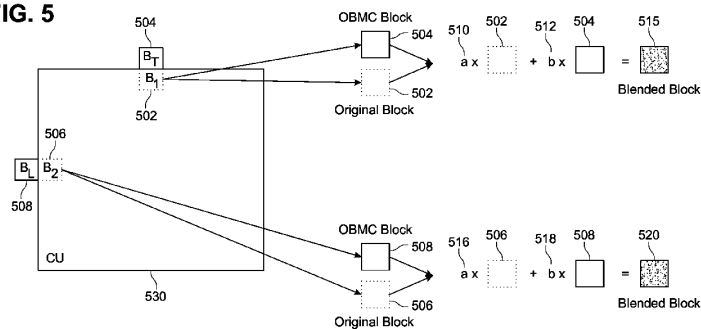


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(54) **Title:** OVERLAPPED BLOCK MOTION COMPENSATION

FIG. 5



(57) **Abstract:** Systems and techniques are provided for overlapped block motion compensation (OBMC). A method can include determining an OBMC mode is enabled for a current subblock of video data; for a neighboring subblock(s) adjacent to the current subblock, determining whether a first, second and third condition are met, the first condition comprising that all reference picture lists for predicting the current subblock are used to predict the neighboring subblock; the second condition comprising that identical reference pictures are used to determine motion vectors associated with the current subblock and the neighboring subblock, and the third condition comprising that a difference between motion vectors of the current subblock and the neighboring subblock do not exceed a threshold; and based on determining that the OBMC mode is enabled and the first, second, and third conditions are met, determining not to use motion information of the neighboring subblock for motion compensation of the current subblock.

[Continued on next page]

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