

IMAGE PROCESSING APPARATUS AND METHOD

ABSTRACT

5 The present disclosure relates to an image processing apparatus and an image processing method capable of improving processing efficiency with pipeline processing in encoding or decoding of a motion vector.

10 In a motion vector encoding unit, such configuration is adopted that when a spatial prediction motion vector is derived according to AMVP or Merge mode, the use of a motion vector of a PU adjacent to a top right of a PU in question is prohibited. Therefore, the motion vector encoding unit performs encoding processing of a motion vector by using only
15 motion vector information of B_1 , B_2 which are PUs located at Top with respect to the PU in question and A_0 , A_1 which are PUs located at Left with respect to the PU in question. The present disclosure can be applied to, for example, an image processing apparatus.

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Figure 9