IMAGE PROCESSING APPARATUS AND METHOD

ABSTRACT

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.

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 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.

Figure 9