

ABSTRACT

MOTION VECTOR PREDICTION METHOD AND APPARATUS, ENCODER, AND DECODER

5 A decoding method is provided. The method includes: parsing a bitstream to obtain a syntax
element, where the syntax element includes at least an index of optimal candidate motion
information of a current block (s151); determining, based on the syntax element, to construct a
first list or a second list for the current block (s152), where the first list is a block-based candidate
motion information list, and the second list is a subblock-based candidate motion information list;
10 determining optimal motion information from the first list or the second list based on the index
(s153); and predicting the current block based on the optimal motion information (s154). In this
method, the block (BLOCK)-based candidate motion information list and the subblock (SUB-
BLOCK)-based candidate motion information list are distinguished from each other. This
effectively reduces transmission costs of the optimal candidate motion information.

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Fig. 15