

METHOD AND APPARATUS OF MOTION VECTOR DERIVATION

3D VIDEO CODING

ABSTRACT

5 A method and apparatus for three-dimensional and multi-view video coding are disclosed, where the motion vector (MV) or disparity vector (DV) candidate list construction process for a block depends on whether the target reference picture corresponds to an inter-view reference picture or whether the inter-view candidate refers to an inter-view reference picture. In one embodiment, an MV or DV candidate list for a block coded in Merge mode is
10 constructed, and an inter-view candidate in the MV or DV candidate list is set lower than the first candidate position if the inter-view candidate refers to an inter-view reference picture. In another embodiment, an MV or DV candidate list for a block coded in advanced motion vector prediction mode is constructed, and an inter-view candidate is set lower than the first candidate position if the inter-view candidate refers to an inter-view reference picture.

15 Fig. 8