

METHOD FOR INTER PREDICTION AND DEVICE THEREFOR, AND METHOD  
FOR MOTION COMPENSATION AND DEVICE THEREFOR

ABSTRACT

The present invention relates to a method for inter prediction and a method for motion compensation. Disclosed is a method for inter prediction, wherein: inter prediction for a current image is performed by using a long-term reference image stored in a decoded picture buffer (DPB); a motion vector and residual data of the current image generated by the inter prediction are determined; and picture order count (POC) information of the long-term reference image is partitioned into most significant bits (MSB) information and least significant bits (LSB) information, so that the LSB information is determined as a long-term reference index which indicates the long-term reference image.

Figure 1A