

ABSTRACT

FILTERING METHOD FOR REMOVING BLOCKING ARTIFACT AND APPARATUS

5 The present invention relates to the field of video image processing, and provides a filtering method and an apparatus, to resolve a problem that subjective quality and objective quality of an image deteriorate because filtering processing cannot be performed on internal blocks of a non-translational motion prediction unit. The method includes: dividing the non-translational motion prediction unit into two or more subunits; determining at least one filtering boundary among the two or more subunits based on a preset rule; obtaining a pixel value of a first subunit
10 and a pixel value of a second subunit, where the first subunit and the second subunit are adjacent to the filtering boundary and the first subunit and the second subunit are comprised in the two or more subunits; and performing, based on the pixel value of the first subunit and the pixel value of the second subunit, filtering processing on pixels adjacent to the filtering boundary.

Fig. 2