METHOD AND APPARATUS FOR ENCODING VIDEO USING ADJUSTABLE LOOP FILTERING, AND METHOD AND APPARATUS FOR DECODING VIDEO USING ADJUSTABLE LOOP FILTERING

【Abstract】

Provided is a method of decoding a video by using a video decoding processor, the method including: extracting encoding information and encoded video data by receiving and parsing a bit stream of a video; decoding the encoded video data for each coding unit which is a data unit for decoding the video data, by using the encoding information; performing loop filtering on the coding unit with respect to the decoded video data by using internal pixels of the coding unit based on a minimum distance between a pixel on which loop filtering is to be performed and a border of the coding unit; and restoring the video by combining the decoded video data and data on which the loop filtering is performed, for each coding unit.

Fig. 2