VIDEO ENCODING METHOD AND APPARATUS USING TRANSFORMATION UNIT OF VARIABLE TREE STRUCTURE, AND VIDEO DECODING METHOD AND APPARATUS

ABSTRACT

Provided is a video encoding method, in order to encode a current region of a video, performing transformation on the current region by using transformation units in a variable tree-structure which are determined from among transformation units that are hierarchically split from a base transformation unit with respect to the current region and which are generated based on a maximum split level of a transformation unit; and outputting encoded data of the current region, information about an encoding mode, and transformation-unit hierarchical-structure information comprising maximum size information and minimum size information of the transformation unit with respect to the video.

Fig.1