

METHOD OF VIDEO CODING USING BINARY TREE BLOCK PARTITIONING

ABSTRACT

A method of video coding using block partitioning process including a binary tree
5 partitioning process is disclosed. The block partitioning process is applied to a block of video
data to partition the block into final sub-blocks. Coding process comprising prediction process,
transform process or both for the block will be applied at the final sub-blocks level. The binary
tree partitioning process can be applied to a given block recursively to generate binary tree leaf
nodes until a termination condition is met. In another embodiment, the quadtree partitioning
10 process is applied to a block first. The quadtree leaf nodes are further partitioned using the
binary tree partitioning process. The quadtree partitioning process can be applied to a given
block recursively to generate quadtree leaf nodes until a termination condition is met.

FIG. 6