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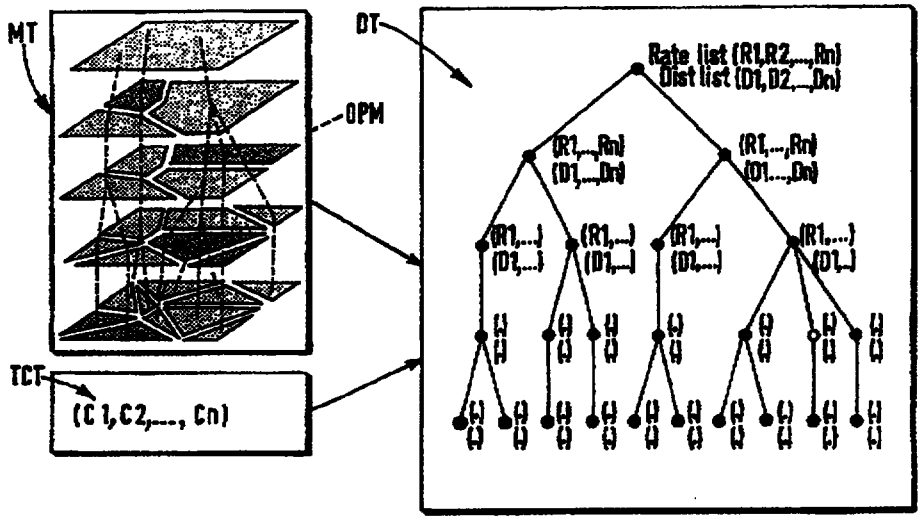
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(54) Title: SEGMENTED VIDEO CODING AND DECODING METHOD AND SYSTEM



(57) Abstract

The invention describes a method and system for coding a sequence of pictures using an active triangular mesh coding scheme and a partition tree. It subdivides the current picture into a mesh of blocks with nodes located on high gradient points, further subdividing the blocks into two triangles. The system comprises a projection circuit, for estimating on the basis of the mesh defined for a previous picture a projected mesh made of polygons and corresponding to the current picture, a mesh coding circuit for coding motion and texture associated to said projected mesh, and a texture error detection and coding circuit. Applications are very low bit rate coding, multimedia applications.