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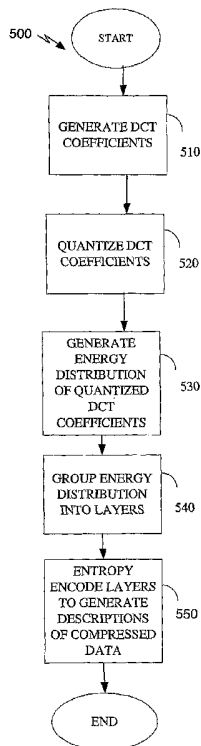
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[Continued on next page]

(54) Title: APPARATUS AND METHOD FOR MULTIPLE DESCRIPTION ENCODING



(57) Abstract: Apparatus and method for generating multiple descriptions of compressed data is disclosed. In the apparatus and method, transform coefficients are generated from input data and quantized. An energy distribution of the quantized transform coefficients is generated. Based on the energy distribution, the transform coefficients are grouped into layers. By entropy coding different number of layers, multiple descriptions of compressed data are generated.

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According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
U.S. : 341/50,51; 348/398

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Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
EAST

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5,657,085 (KATTO) 12 AUGUST 1997, LINES 3-5 OF ABSTRACT AND COLUMN 3, LINES 30-31	1,2,12,22,27

Further documents are listed in the continuation of Box C.

See patent family annex.

* Special categories of cited documents:	"T"
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"P" document published prior to the international filing date but later than the priority date claimed	

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