

MOVING PICTURE CODING METHOD, MOVING PICTURE DECODING  
METHOD, MOVING PICTURE CODING APPARATUS, MOVING PICTURE  
DECODING APPARATUS, AND MOVING PICTURE CODING AND  
DECODING APPARATUS

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[ABSTRACT]

A moving picture coding method includes (i) transforming, for  
each of one or more second processing units included in the first  
10 processing unit, a moving picture signal in a spatial domain into a  
frequency domain coefficient and quantizing the frequency domain  
coefficient, and (ii) performing arithmetic coding on a luminance CBF  
flag indicating whether or not a quantized coefficient is included in  
the second processing unit in which transform and quantization are  
15 performed (S704), wherein, in the arithmetic coding, a probability  
table for use in arithmetic coding is determined according to whether  
or not the size of the first processing unit is identical to the size of the  
second processing unit (S701) and whether or not the second  
processing unit has a predetermined maximum size (S702 and  
20 S703).

Figure 7