

MOVING IMAGE ENCODING DEVICE AND MOVING IMAGE DECODING DEVICE
FIELD OF THE INVENTION

ABSTRACT

5 An encoding controlling unit 3 selects one transformation
block size which provides an optimal degree of encoding
efficiency from a set of transformation block sizes which are
determined in accordance with an encoding mode 7, and includes
the transformation block size selected thereby in optimal
10 compression parameters 20a to notify the transformation block
size to a transformation/quantization unit 19, and the
transformation/quantization unit 19 divides an optimal
prediction differential signal 13a into blocks having the
transformation block size included in the optimal compression
15 parameters 20a, and carries out a transformation and
quantization process on each of the blocks to generate
compressed data 21.

Fig. 1