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ABSTRACT OF THE DISCLOSURE

TITLE OF INVENTION: **MOTION PICTURE CONVERTING APPARATUS**

To perform a motion picture format conversion at high speed in a motion picture converting apparatus, the apparatus comprises: input means 101 for inputting a digital image signal constituted of blocks, each block being orthogonally transformed; a frame memory 102 for storing the digital image signal; block reading means 103 for reading the blocks or a macro block from the frame memory in response to a request; region dividing section controlling means 109 for sending a read request to the block reading means; component extracting means 104 for extracting a low-frequency component alone of the captured image signal; two low-resolution frame memories 105 for storing extracted information; motion detecting means 106 for detecting a motion in accordance with the information in the low-resolution frame memories; a region dividing section 113 including macro block classifying means 107 for labeling the macro block in response to a motion detection result by the motion detecting means and label storing means 114 for storing a label of the macro block; decoding means 110; an encoding section 111 for changing an encoding of the macro block in response to the label in the label storing means; and output means 112 for outward outputting the coded signal.

Figure 1.

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