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(54) Title: CONTEXT-BASED IMAGE CODING

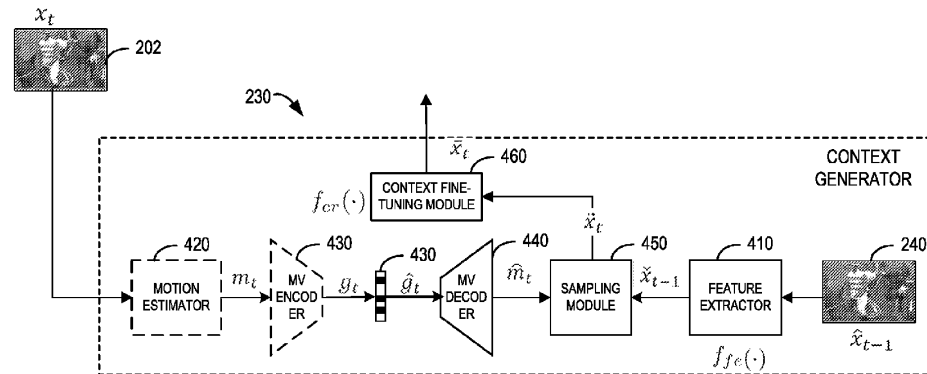


FIG. 4

(57) Abstract: According to implementations of the present disclosure, there is provided a context-based image coding solution. According to the solution, a reference image of a target image is obtained. A contextual feature representation is extracted from the reference image, the contextual feature representation characterizing contextual information associated with the target image. Conditional encoding or conditional decoding is performed on the target image based on the contextual feature representation. In this way, the enhancement of the performance is achieved in terms of the reconstruction quality and the compression efficiency.

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