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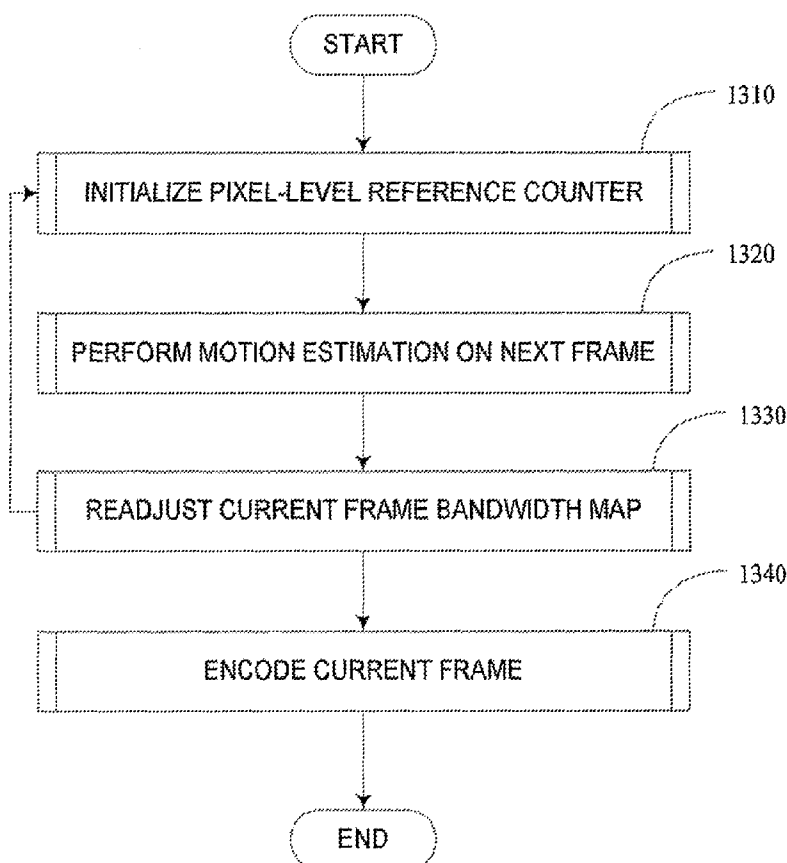
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(54) Title: METHOD AND APPARATUS FOR ERROR RESILIENCE ALGORITHMS IN WIRELESS VIDEO COMMUNICATION



(57) Abstract: Methods and apparatuses to encode multimedia data enabling, among others, for example, improved decoded video quality, improved error recovery capabilities and/or improved decoding efficiency are described. A method according to the application includes one or more of the following: initializing a pixel-level reference counter for a current frame, performing a prediction of a next frame referring to the current frame, incrementing the pixel-level reference counter for each pixel of the current frame that is referenced during the prediction of the next frame, readjusting a macroblock bandwidth map of the current frame, repeating the steps of initializing, performing and readjusting for each next frame in a plurality of next frames referring to the current frame, and encoding the current frame based at least in part on the readjusted macroblock bandwidth map of the current frame.

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