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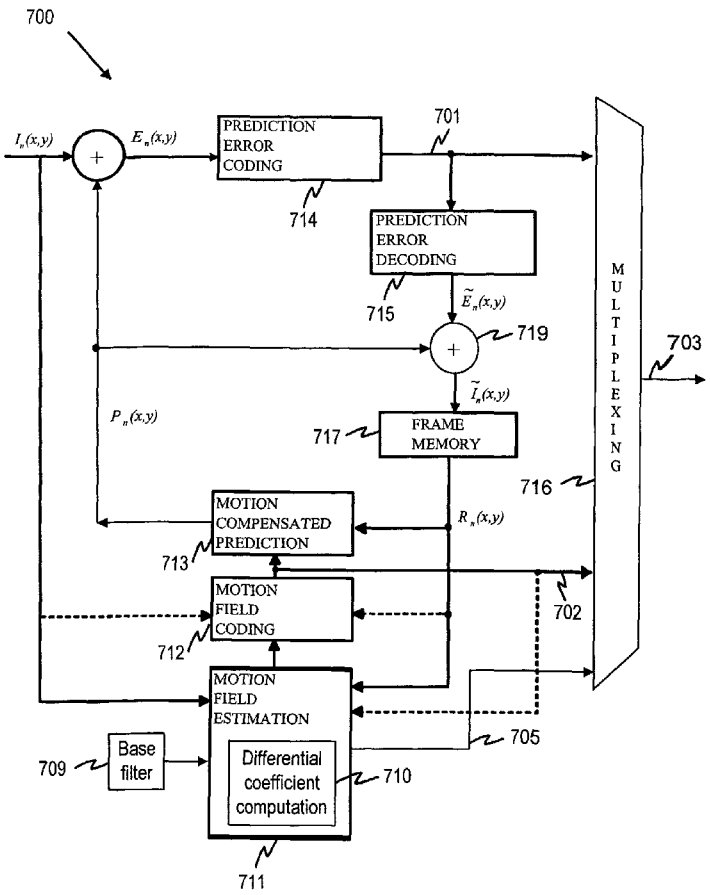
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(54) Title: CODING DYNAMIC FILTERS



(57) Abstract: A video coding system for coding a video sequence comprising a sequence of video frames each having an array of pixel values, wherein an interpolation filter is defined in order to reconstruct the pixel values in the decoding process. The system codes coefficients of an interpolation filter differentially with respect to a predefined base filter in order to provide a set of difference values. As the base filter coefficients are known to both encoder and decoder and can be statistically reasonably close to the actual filters used in the video sequence, the decoder can reconstruct the pixel values based on the set of difference values.

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