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(54) Title: LOW COST ADAPTATION OF BASS POST-FILTER

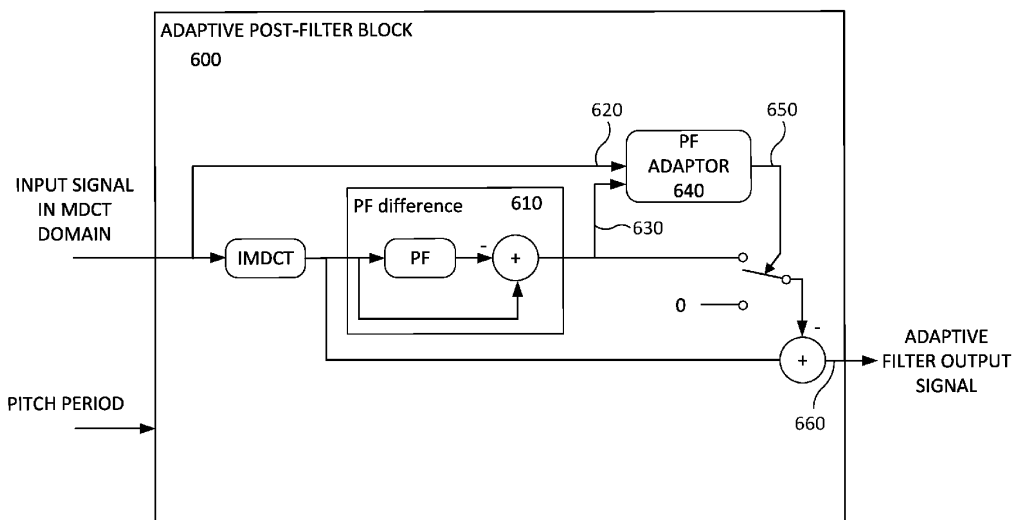


Figure 6

(57) Abstract: A method and a decoder for audio decoding, where an encoded primary signal is decoded to form a decoded primary signal, followed by a post-filtering of the decoded primary signal to form a post-filtered signal, where an output signal of the decoder is one of the decoded primary signal and the post-filtered signal. An energy estimation of at least a part of a frequency spectrum of the primary signal being reconstructed by the decoder and an analysis of discontinuities in time domain that is caused by the post-filtering of the decoded primary signal are obtained. A decision variable is generated based on the energy estimation and the analysis of discontinuities obtained. The decision variable is compared to a threshold and the output signal is set to be the decoded primary signal or the post-filtered signal based on the comparing of the decision variable to the threshold.

[Continued on next page]

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