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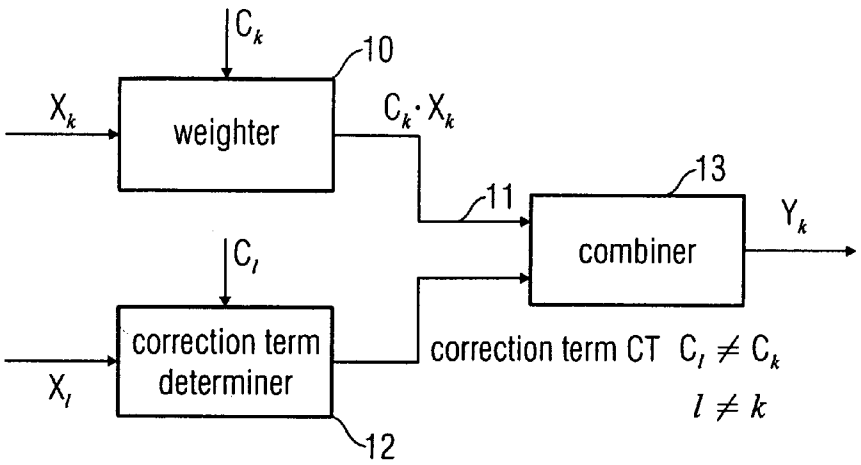
(54) Title: DEVICE AND METHOD FOR PROCESSING A REAL SUBBAND SIGNAL FOR REDUCING ALIASING EFFECTS



(57) Abstract: In order to process a subband signal of a plurality of real subband signals which are a representation of a real discrete-time signal generated by an analysis filter bank, a weighter (10) for weighting a subband signal by a weighting factor determined for the subband signal is provided to obtain a weighted subband signal (11). In addition, a correction term is calculated by a correction term determiner (12), the correction term determiner being implemented to calculate the correction term using at least one other subband signal and using another weighting factor provided for the other subband signal, the two weighting factors differing. The correction term is then combined with the weighted subband signal to obtain a corrected subband signal, resulting in reduced aliasing, even if subband signals are weighted to a different extent.

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