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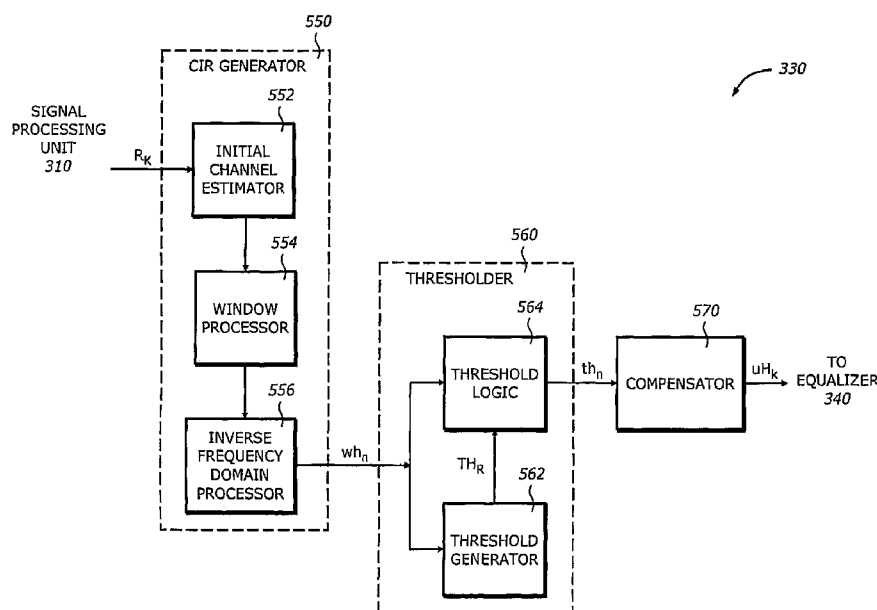
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(54) Title: ENHANCED CHANNEL ESTIMATION FOR COMMUNICATION SYSTEM RECEIVER



(57) Abstract: An embodiment of the present invention is a technique to process signals in a communication system. A channel impulse response (CIR) generator generates a time-domain windowed CIR from a received signal using a window function. A thresholder thresholds the time-domain windowed CIR. A compensator compensates window effect for the thresholded time-domain windowed CIR to provide an enhanced channel estimate in frequency domain.



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