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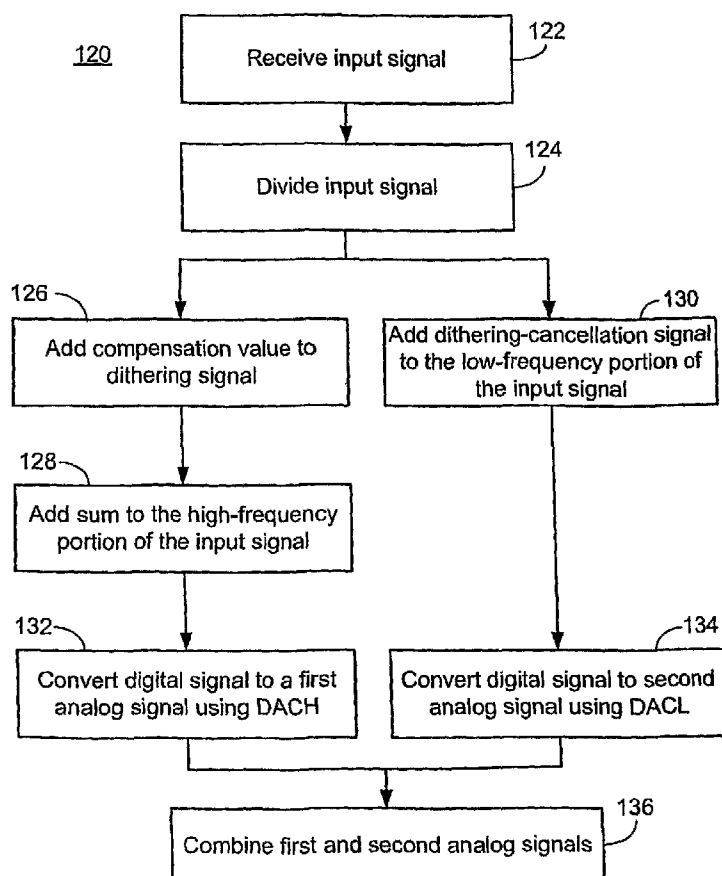
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(54) Title: **LOW-SPUR LOW-DISTORTION DIGITAL-TO-ANALOG CONVERTER**



(57) Abstract: A system and method include receiving an input signal; transmitting high-frequency components of the input signal to a first converter; attenuating low-frequency components of the input signal to a predetermined level such that the low-frequency components of the input signal can be used to correct non-linearity errors introduced by the first converter; transmitting the low-frequency components of the input signal to a second converter; attenuating the high-frequency components of the input signal to a predetermined level such that the high-frequency components of the input signal and dither can be used to correct non-linearity errors introduced by the second converter; converting the high-frequency components to form a first converted signal; converting the low-frequency components to form a second converted signal; and combining the first and second converted signals to form the output signal.

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