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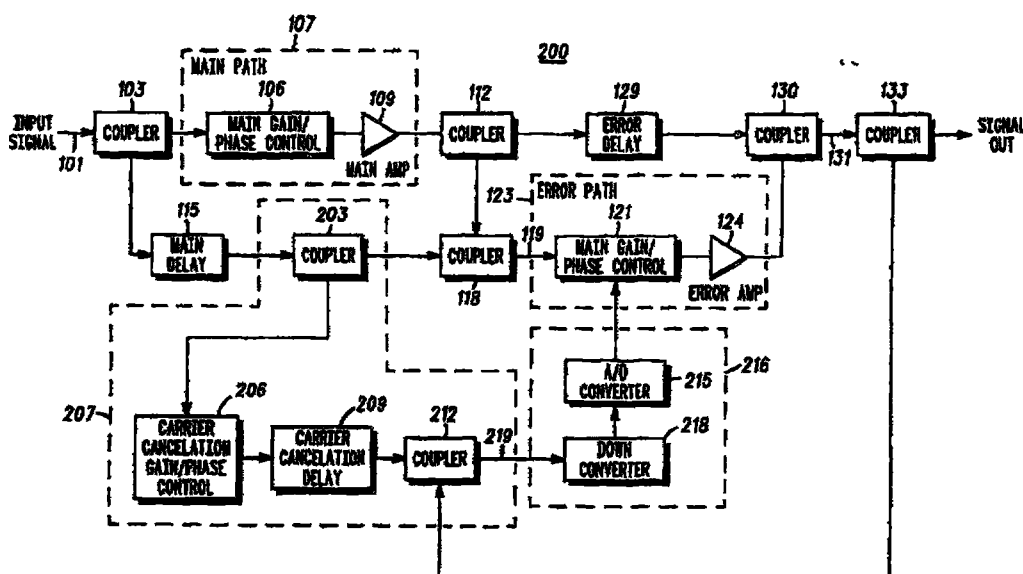
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(54) Title: ERROR PATH CONTROL FOR FEED-FORWARD AMPLIFIER



(57) Abstract

A feed-forward amplifier (200) bases control of an error path (123) within the feed-forward amplifier (200) on an output signal after performing carrier cancellation to remove the carrier signal. The feed-forward amplifier (200) implements couplers (203, 212), a carrier cancellation gain/phase control block (206) and a carrier cancellation delay block (209) to cancel the carrier signal. By basing the control of the error path on a signal without the carrier and a carrier, control of the error path (123) does not suffer from the effects of high dynamic range presented by the carrier signal, thus improving overall control of the feed-forward amplifier (200).