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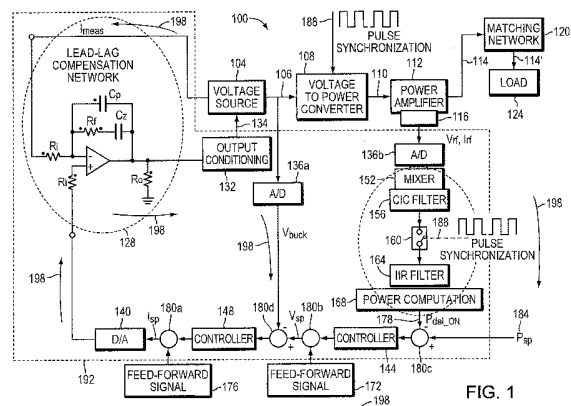
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(54) Title of the Invention: **METHOD AND SYSTEM FOR CONTROLLING RADIO FREQUENCY POWER**
 Abstract Title: **METHOD AND SYSTEM FOR CONTROLLING RADIO FREQUENCY POWER**

(57) A method for controlling pulsed power that includes measuring a first pulse of power from a power amplifier to obtain data. The method also includes generating a first signal to adjust a second pulse of delivered power, the first signal correlated to the data to minimize a power difference between a power set point and a substantially stable portion of the second pulse. The method also includes generating a second signal to adjust the second pulse of delivered power, the second signal correlated to the data to minimize an amplitude difference between a peak of the second pulse and the substantially stable portion of the second pulse.



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