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(54) Title: METHOD AND APPARATUS OF PROVIDING POWER TO IGNITE AND SUSTAIN A PLASMA IN A REACTIVE GAS GENERATOR

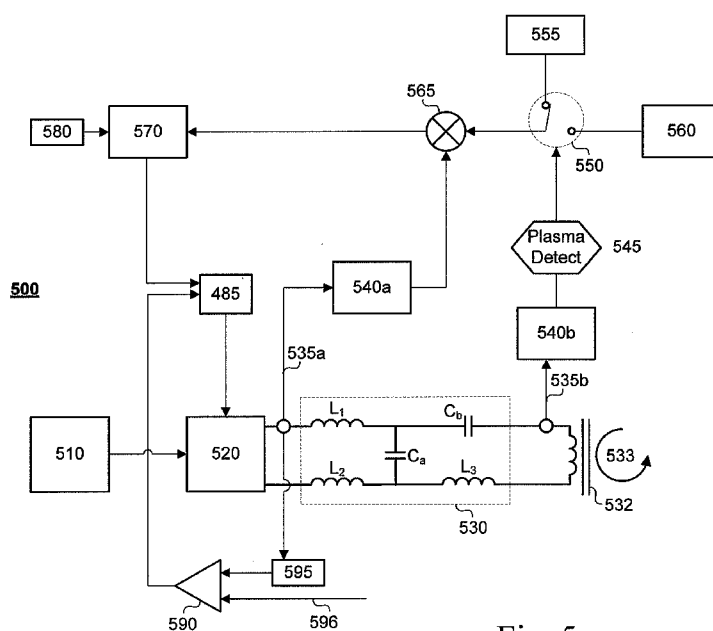


Fig. 5

(57) Abstract: Described are methods and apparatuses, including computer program products, for igniting and/or sustaining a plasma in a reactive gas generator. Power is provided from an ignition power supply to a plasma ignition circuit. A pre-ignition signal of the plasma ignition circuit is measured. The power provided to the plasma ignition circuit is adjusted based on the measured pre-ignition signal and an adjustable pre-ignition control signal. The adjustable pre-ignition control signal is adjusted after a period of time has elapsed.



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