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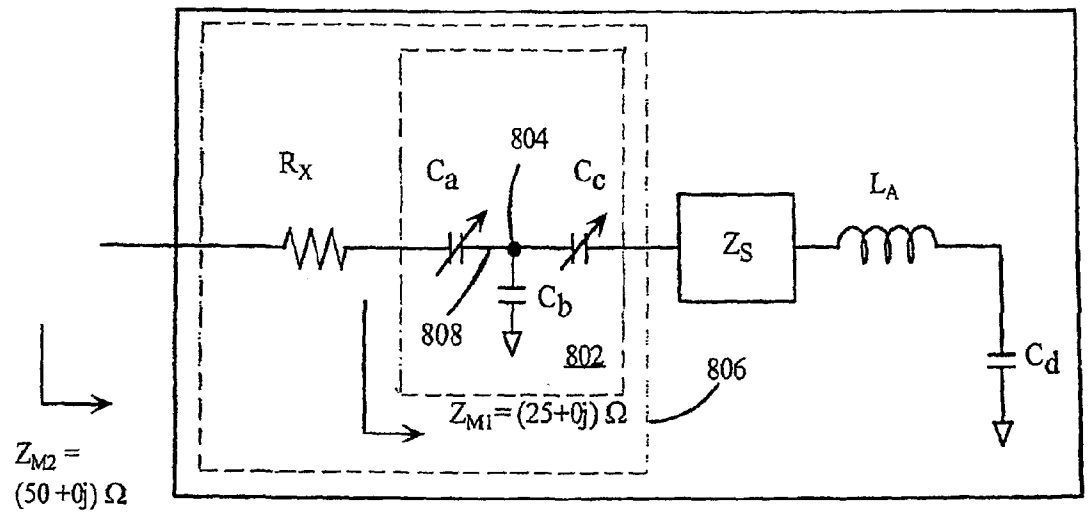
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(54) Title: APPARATUS AND METHODS FOR IMPROVING THE STABILITY OF RF POWER DELIVERY TO A PLASMA LOAD



(57) Abstract: Methods for improving the stability of RF power delivery to a plasma load are disclosed (806). The method includes adding an RF impedance resistor and or a RF power attenuator at one of specific locations in the RF power system to lower the impedance derivatives while keeping the impedance marching circuit in tune with the RF transmission line impedance (804).

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