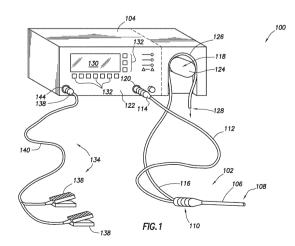
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## (54) Title of the Invention: Electrosurgical methods and systems Abstract Title: Electrosurgical impedance pump control

(57) An electrosurgical controller 104 for an electrosurgical wand 102 is disclosed herein, comprising a pump control interface operable to control a pump for controlling a flowrate of flow of fluid proximal to an active electrode of the electrosurgical wand 102. A processor is configured to control the pump control interface to create plasma proximate to the active electrode, the plasma based on delivery of energy to the active electrode by the electrosurgical controller, and wherein the processor is configured to control the pump control interface based on an impedance of an electrode circuit comprising the active electrode to cause the plasma to flicker and cause periods of plasma collapse.



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