STATE-BASED ADJUSTMENT OF POWER AND FREQUENCY

ABSTRACT

Systems and methods for state-based adjustment of power and frequency are described. A primary generator of a system includes a primary power supply for supplying a primary radio frequency (RF) signal to an electrode. The primary generator further includes an automatic frequency control (AFC) to provide a first frequency input to the primary power supply when a pulsed signal is in a first state. A secondary generator of the system includes a secondary power supply for supplying a secondary RF signal to the electrode. The secondary generator also includes an AFC to provide a second frequency input to the secondary power supply when the pulsed signal is in the first state. The secondary generator includes an AFC to provide a third frequency input to the secondary power supply when the pulsed signal is in a second state. The system includes a digital pulsing source for generating the pulsed signal.

FIG. 1



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