

The invention relates to the electric engineering and is destined for the creation of powerful, cheap and efficient regulable resonance voltage converters of different application with alternating or constant output high-frequency voltage.

The regulable resonance voltage converter contains a half-bridge rack of the transistors (2 and 3), connected with the first output to the first output of the power supply (9), and connected in series a resonance capacitor (5), a load (6) and a resonance throttle (7). The free output of the resonance capacitor (5) is connected to the medium output of the half-bridge rack of the transistors (2 and 3). The free output of the resonance throttle (7) is connected to the second output of the power supply (9). The converter is additionally equipped with the second resonance throttle (8), at the same time the second output of the half-bridge rack of the transistors (2 and 3) is connected through the second resonance throttle (8) to the point of connection of the load (6) and of the first resonance throttle (7), at the same time the first (7) and the second (8) resonance throttles have equal parameters.

Claims: 1

Fig.: 16

