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The invention relates to the electric engineering and is destined for the creation of high-frequency resonance voltage converters with powerful, cheap and efficient regulable transistors of different application, with output alternating or constant high-frequency voltage, and in particular relates to the cathodic protection stations, functioning at high temperatures and natural cooling, welding converters, induction heating plants, radio transmitters.

The regulable resonance voltage converter contains a semi-bridge rack of transistors, connected with the first and second outputs to the corresponding outputs of the power supply, a resonance capacitor, a load and a resonance throttle - all connected in series. The free output of the resonance capacitor is connected to the medium output of the transistor rack, the free output of the resonance throttle is connected to the second output of the power supply, and the second output of the transistor rack is connected, through the introduced second similar resonance throttle, to the connection point of the load and of the first resonance throttle.

Claims: 1

Fig.: 16