

**97-0022**

The invention relates to the electrical engineering and is provided for realization of the high-power transistor power supply, having the different field use (charging devices, welding apparatus, cathode protection stations).

The process for external control of the two-stroke resonance transistor voltage converter includes the successive enabling pulses apply with the interval to the transistors base circuits, feedback signal apply at the expense of the par-tital outlet energy commutated in the base circuits, by that, during the interval there are formed self-sustained oscillations into the voltage converter at the expense of the feedback signal and the next enabling puls is synchronized with the first self-sustained oscillation half-wave, corresponding to the transistor opened state.

The self-sustained oscillations formation in the interval allows the transistor preopening at the expense of the feedback signal energy and control by this the converter operation mode. The next enabling pulse applying sinchronization allows the transistor's opened state further maintenance

Claims: 1

Fig.: 2