

95-0070

Utilization: the invention may be used in the devices for ozone obtaining.

The summary of the invention: the device consists of a pulse transformer (7) the secondary winding of which through the rectifier unit is connected to the outlet for load connection and one of its primary winding outlets is directly connected to one of entrance outlets for supply line connection.

The second entrance outlet through the consequently connected toggle switch (1), fuse (2), resistor (4), diode (5), condenser (6) is connected to the other outlet of the transformer (7) primary winding.

Parallel to the chain from the condenser (6) and the transformer (7) primary winding are connected a diode (13) and a chain of thyristor (14) and diode (15), the thyristor (14) is connected to the anode, and the diode (13) from the cathode side being connected to the diode cathode (5). The common connection point of the thyristor (14) cathode with the diode anode (15) through the resistor (16), safety device (2) and the toggle switch (1) is connected to the second entrance outlet. The device provides a smooth regulation of the output voltage.