

The invention relates to the field of electric metal working processes, in particular to pulse generators that can be used in the electrophysical and electrochemical metal working processes.

The electric source for electric working processes includes a charging thyristor (1), a reservoir capacitor (2), a pulse transformer (4) with two secondary windings (6, 7), a workpiece connection terminal (9) and a tool electrode connection terminal. The charging thyristor (1) is connected by means of the cathode to the first terminal of the reservoir capacitor (2), the second terminal of which is connected to the start of the primary winding (5) of the pulse transformer (4) and to the cathode of a discharge thyristor (3), the anode of which is connected to the point of junction of the first secondary winding (6) with the start of the second secondary winding (7) and to the workpiece connection terminal (9). The start of the first secondary winding (6) is connected to the anode of the first thyristor (8), the finish of the second secondary winding (7) is connected to the cathode of the second thyristor (10), the anode of which is connected in node to the cathode of the first thyristor (8), to which it is connected the cathode of the charging thyristor (1) and the tool electrode connection terminal.

Claims: 1

Fig.: 2

