

99-0029

The invention refers to the field of materials processing with an electric spark and may be used for recovery of the worn out machine parts.

The installation for electric spark alloying comprises a vibrator connected to the independent power source, matching transformer one of secondary windings of which is connected to the control unit input and to the output is connected an electric spark generator consisting of a thyristor bridge, to the diagonal of which is connected a capacitor and to another one there are subsequently connected the alloying part and an alloying electrode connected to a constant voltage source with a clearance between them, a high frequency generator connected in parallel to the part and to the electrode through an other secondary winding of the matching transformer to the circuit of which is in series connected a diode.

The technical result consists in obtaining of some eroding impulses without increasing the electrode vibration frequency.

Claims: 1

Fig.: 1