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The invention relates to the field of electrochemical working and may be applied in different branches of mechanical engineering, namely to aeroengineering, instrument-making industry, galvanoplastics and galvanostegy.

Summary of the invention consists in that the electromagnetic irradiation is focused by turns on the surface of the work part and on the electrolyte layer. The light beam focusing is carried out by means of vibration of the optical system, synchronized with the light pulse repetition frequency. The working is carried out by means of lasers, the wave length of which corresponds to the electrolyte spectral zones both passing through the X-rays and absorption.

Claims: 7

Fig.: 6