

The invention relates to the field of information technology and can be used for manufacturing an identification tag by electrochemical working of electrically conductive objects.

The installation for applying an individual image onto an electrically conductive object comprises a hollow cylindrical body with an open end, in which longitudinally is placed an electrode, with the formation of two upper and lower chambers, which communicate with each other. The electrode is made in the form of a glass substrate, on the lower part of which is applied a translucent metal film. On the electrode or to the upper part of the body is movably fixed an angular reflector, oriented towards the laser radiation source, which is installed parallel to the electrode. On the lower part of the body is fixed an electrically conductive object, on the electrode, in front of the reflector, are placed turbulators.

The method for applying an individual image onto an electrically conductive object includes applying onto the object an identification tag, consisting of an identification number, an information coordinate grid and an individual image obtained by means of the above-mentioned installation, feeding the electrolyte into the upper chamber of the body, turbulizing the electrolyte flow with turbulators, reflecting the laser beam from the angular reflector, passing the laser beam through a translucent metal film, followed by focusing it on the identification tag. The reflector moves accidentally due to turbulization of the electrolyte flow.

Claims: 2

Fig.: 3