

The invention relates to information technologies, namely to a method for identification of electrically conductive objects and a device for application of a coordinate grid and an identification number.

The method, according to the invention, includes the preliminary application on the object of an identification tag formed of an individual image, a coordinate grid and an identification number, at the same time the coordinate grid and the identification number are obtained by an electric discharge on the object and an electrode made accordingly in the form of a coordinate grid of thin wire, provided with bundles arranged according to the law of random numbers, or mirror reflection of the identification number when supplying a pulsed direct current of a frequency of 220...260 kHz to the object and to the electrode installed above the object with a gap, in which is fed a liquid dielectric, the obtained tag is registered in the computer memory, and the subsequent identification of the object is produced by comparing the tag on the identified object with the registered one.

The device for application of a coordinate grid and an identification number, according to the invention, includes an electrode made in the form of a coordinate grid of thin wire, provided with bundles arranged according to the law of random numbers, an electrode made in the form of a mirror reflection of the identification number set with a gap over the object, a constant current source with a high-frequency pulse generator, and a system for pumping a liquid dielectric in the gap formed between the object and the electrode.

Claims: 3

Fig.: 2