

The invention relates to processes for object identification, in particular to a process for identification of the current-conducting object including imprinting of an identification number.

The process, according to the invention, includes imprinting onto the object of an identification number, mechanical application of an information coordinate grid, followed by a point electric discharge between the object, one or several vibrating electrodes from different metals or alloys, which travel arbitrarily into the grid coordinate system and are installed above it and a mixture of current-conducting powders optionally introduced into the interstice between the object and the electrode/electrodes.

At the same time, in the course of processing, the parameters of the electric discharge may be modified, the obtained image of the grid or of the most informative sectors thereof are scanned and saved into the computer memory, and the object identification is carried out by comparing the identification number and the obtained image of the grid with those recorded earlier.

Claims: 5

Fig.: 3