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The invention relates to the field of information technology, in particular to methods for manufacture of individual marking and identification of goods, and can be used in the development of automated control systems that can distinguish counterfeit goods from legitimate ones.

The method for manufacture of individual marking using nanoparticles comprises the papermaking by preliminary introduction of a mixture of nanoparticles in the paper pulp with subsequent manufacturing of sheets with reproducible images, afterwards are applied basic digital and bar codes and individual digital and bar codes.

In the method for identification of goods in a database is registered the individual marking, namely the non-reproducible image, due to the location of nanoparticles on paper sheets, selected in accordance with the law of random numbers. The bands of bar codes are used as reference bands in the formation of a virtual information grid, and identification

of goods is carried out by comparing the individual marking of goods with that registered in the database.

Claims: 5

Fig.: 4