

The invention relates to methods and devices for authentication of various securities and may be used to determine the authenticity of banknotes, financial documents, identity cards and other important documents.

The method for authentication of securities consists in the pre-control test by using as a protective element a paper texture sign and storage in the database of reference signs, translucence of security with a light flux that passes from a light source to a receiver, registration of paper texture sign, comparison of registration result with the reference sign in the database of reference signs. As a protective element is used an image as a projection on the receiver of patterns formed by the closest 1..6 layers of fibers of the paper inside texture, of the pre-selected control site.

The device, according to the first embodiment, is designed as a mobile phone, whose body is made up of two parts, connected by an articulation. In different parts of the body are oppositely located a light source and a receiver.

The device, according to the second embodiment, is designed as a mobile phone, consisted of a solid body, on which are near located a light source and a receiver. The device is provided with a means for pressing the security to the receiver and for reflecting the light flux emitted by the light source to the receiver.

The receiver is made in the form of a flat photosensor.

Claims: 13

Fig.: 5