

The invention relates to documents with protection means, such as bank notes, identity cards or documents similar to them.

The document with protection means comprises a protecting thread, placed in the material base of the document. According to the invention, as protecting thread is used at least a flexible light-conducting element with the passband in the visible part of the optical radiation spectrum, corresponding to the following ratio:

$$n_c/n_d \geq 1,$$

where:

$n_c$  is the index of refraction of the light-conducting element;

$n_d$  – the index of refraction of the materials from which the document base is made,

at the same time the inputs and outputs of the light-conducting elements may be placed both on the same plane or end surface of the document and different ones.

Claims: 1

Fig.: 3