

Security element

A b s t r a c t

5

The invention relates to a security element for the identification and authentication of objects. It is connected in the form of a self-adhesive label to an object. It has features that effectively prevent non-destructive detachment of the security element from an object. The security element has an optical code for identification. Furthermore, it is provided with
10 random production-governed features by means of which authentication is made possible: upon irradiation with electromagnetic radiation, a scattering region of the security element brings about a characteristic scattering signal.

The invention furthermore relates to the use of the security element for the identification and authentication of objects and also for protection against forgeries, and a method for the
15 identification and authentication of objects on the basis of the security element according to the invention.