

Title (en)
MULTI-LAYER PRODUCT CONTAINING A PROTECTIVE ELEMENT ON THE SURFACE OF A PAPER OR POLYMER CARRIER, AND
PRODUCT AUTHENTICITY DETERMINATION METHOD

Title (de)
MEHRSCICHTIGES PRODUKT MIT EINEM SCHUTZELEMENT AUF DER OBERFLÄCHE EINES PAPIER- ODER POLYMERTRÄGERS SOWIE
VERFAHREN ZUR BESTIMMUNG EINER PRODUKTAUTHENTIZITÄT

Title (fr)
ARTICLE MULTICOUCHES COMPRENANT UN ÉLÉMENT DE PROTECTION À LA SURFACE D'UN SUPPORT PAPIER OU POLYMÈRE, ET
PROCÉDÉ POUR DÉTERMINER L'AUTHENTICITÉ D'UN ARTICLE

Publication
EP 3015278 A4 20170503 (EN)

Application
EP 14818559 A 20140618

Priority
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• RU 2014000440 W 20140618

Abstract (en)
[origin: EP3015278A1] The invention relates to the field of counterfeit protection of products made on a paper carrier or on a polymer carrier, and is intended for visual verification of the authenticity of protected printed products. A product, for instance, a valuable document, comprises a carrier and a multilayer security element containing a latent image. The security element is indiscernible when the document is viewed at the right angle to the surface thereof, but becomes visible when the angle of viewing changes. The latent image is comprised of two identical graphical elements of different color, which are formed by means of mutual offset of portions of a three-dimensional raster and of a raster of a multicolor cover by a distance multiple of half the period of the raster, and which are positioned in a single plane relative to each other. The elements are disposed at a distance which allows for viewing a stereoscopic image thereof by using anaglyph glasses and/or color filters. The technical result is an increased level of protection of a valuable document.

IPC 8 full level
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CPC (source: EP)
B42D 25/29 (2014.10); **B42D 25/324** (2014.10); **B42D 25/342** (2014.10); **B41M 3/148** (2013.01)

Citation (search report)
• [A] EP 2562726 A1 20130227 - FEDERALNOE G UNITARNOE PREDPR GOZNAK FGUP GOZNAK [RU]
• [AD] GB 1286309 A 19720823 - KUFFERATH ANTONIUS [DE]
• [A] EP 2529940 A1 20121205 - SICPA HOLDING SA [CH]
• See references of WO 2014209167A1

Cited by
EA031691B1; WO2020047650A1

Designated contracting state (EPC)
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