

Title (en)

METHOD FOR PRODUCING A SECURITY OR VALUABLE PRODUCT WITH A DIFFRACTIVE SECURITY ELEMENT

Title (de)

VERFAHREN ZUR HERSTELLUNG EINES SICHERHEITS- ODER WERTPRODUKTS MIT EINEM DIFFRAKTIVEN SICHERHEITSELEMENT

Title (fr)

PROCÉDÉ DE FABRICATION D'UN PRODUIT DE SÉCURITÉ OU DE VALEUR COMPRENANT UN ÉLÉMENT DE SÉCURITÉ DIFFRACTIF

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Application

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Abstract (en)

[origin: WO2018054765A1] The invention relates to a method for producing a security or valuable product, particularly a security or valuable document, with a substrate and a diffractive security element that is directly connected to the substrate by means of an adhesive layer. The invention also relates to a security or valuable product produced by said method. The invention comprises the following steps: (i) a hot-melt adhesive and a latent-reactive adhesive are applied to a) a region of the substrate provided for the security element and/or b) the security element, either the hot-melt adhesive and latent-reactive adhesive being applied as a mixture or the hot-melt adhesive and the latent-reactive adhesive being applied separately from each other in sections, where an application temperature Ta1 of the hot-melt adhesive is lower than an application temperature Ta2 of the latent-reactive adhesive, and $Ta1 \leq T1 \leq Ta2$ is valid for a temperature T1 during the application; (ii) the security element is placed on the substrate; and (iii) heating is carried out to a temperature T2, where $T2 \geq Ta2$.

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