Title (en)

SECURITY DOCUMENT AND MANUFACTURING PROCESS OF A SECURITY DOCUMENT INVOLVING A PERSONALISED IMAGE WITH A METALLIC HOLOGRAM

Title (de)

SICHERHEITSDOKUMENT UND DESSEN HERSTELLUNGSVERFAHREN, DIE EIN INDIVIDUELL GESTALTES BILD AUF DER BASIS EINES METALLHOLOGRAMM BETREFFEN

Title (fr)

DOCUMENT SÉCURISÉ ET PROCÉDÉ DE FABRICATION D'UN TEL DOCUMENT, CONCERNANT UN'IMAGE PERSONNALISÉE FORMÉE À PARTIR D'UN HOLOGRAMME MÉTALLIQUE

Publication

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Application

EP 20203892 A 20201026

Priority

FR 1913513 A 20191129

Abstract (en)

[origin: CA3159704A1] The invention relates to a security document comprising: a first layer (24) comprising a metal holographic structure (32) forming an arrangement (29) of pixels (30) each comprising a plurality of sub-pixels (31) of distinct colours; and a second layer (34) positioned facing the first layer (24), this second layer being opaque with respect to the wavelength spectrum of the visible. The first layer (24) comprises perforations (40) formed by a first laser emission (LS1), these first perforations locally revealing through the holographic structure (32) dark regions (42) in the sub-pixels (31), these dark regions being caused by subjacent regions (41) of the opaque second layer (34) that are located facing the perforations, so as to form a personalised image (IG) from the arrangement of pixels (30) combined with the dark regions (42).

IPC 8 full level

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CPC (source: EP KR US)

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DOCDB simple family (publication)

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