

Title (en)

METHOD FOR PRODUCING A SECURITY ELEMENT, THEREFROM OBTAINABLE SECURITY ELEMENT, SECURITY PAPER AND VALUABLE DOCUMENT

Title (de)

VERFAHREN ZUM HERSTELLEN EINES SICHERHEITSELEMENTS, DARAUS ERHÄLTliches SICHERHEITSELEMENT, SICHERHEITSPAPIER UND WERTDOKUMENT

Title (fr)

PROCÉDÉ DE FABRICATION D'UN ÉLÉMENT DE SÉCURITÉ, ÉLÉMENT DE SÉCURITÉ, PAPIER DE SÉCURITÉ ET DOCUMENT DE VALEUR OBTENABLES PAR CE PROCÉDÉ

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Application

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Abstract (en)

[origin: WO2016192854A1] The invention relates to a method for manufacturing a security element for a security paper or an object of value, in particular a document of value, said method involving the following steps: a) providing a transparent carrier substrate; b) providing a layer of stamping lacquer, which has a stamping structure, on the carrier substrate; d) applying a crack-forming coating to the layer of stamping lacquer and drying the crack-forming coating such that the coating forms numerous cracks in the form of a close-meshed, uninterrupted grid when drying; e) applying a metal coating to the carrier substrate obtained in step d); f) removing the coating having cracks along with any metal located on the coating such that a transparent, conductive metal coating in the form of a close-meshed, uninterrupted grid remains on the layer of stamping lacquer in the region of the coating that has cracks and has been removed.

IPC 8 full level

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