Title (en)

STEEL GRAVURE METHOD FOR THE PRODUCTION OF A SECURITY DOCUMENT, STEEL GRAVURE PLATE AND INTERMEDIATE PRODUCT FOR THE SAME AND METHOD FOR PRODUCTION THEREOF

Title (de)

STAHLTIEFDRUCKVERFAHREN ZUM HERSTELLEN EINES SICHERHEITSDOKUMENTS SOWIE STAHLTIEFDRUCKPLATTE UND ZWISCHENFORM DAFÜR UND VERFAHREN ZU DEREN HERSTELLUNG

Title (fr)

PROCEDE D'HELIOGRAVURE ACIER D'UN DOCUMENT DE SECURITE ET PLAQUE D'HELIOGRAVURE EN ACIER ET PRODUIT INTERMEDIAIRE UTILISE ET LEUR PROCEDE DE PRODUCTION

Publication

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Application

EP 03702402 A 20030108

Priority

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- EP 0300112 W 20030108

Abstract (en)

[origin: WO03057494A1] The invention relates to a method for the production of a security document with a printed image (1) produced by a steel gravure method and embossed microstructures (2) with a size of the order of less than 100 microm which is carried out using just one printing plate (8) on which both the steel gravure structures and the microstructures are present. The components of the microstructures closest to the printing plate surface (9) lie 20 to 100 microm below the printing plate surface such as to avoid contact with and being destroyed by the wiping cylinder. Alternative methods for the production of a steel gravure plate with integrated microstructures are given. The microstructures may serve for the printing of a refractive relief or a blind embossing.

IPC 8 full level

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CPC (source: EP US)

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Citation (opposition)

Opponent :

- EP 1317346 B1 20040630 - GIESECKE & DEVRIENT GMBH [DE]
- EP 1317349 B1 20040623 - GIESECKE & DEVRIENT GMBH [DE]

Cited by

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DOCDB simple family (application)

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