

Title (en)

METHOD FOR PRODUCING A VALUE DOCUMENT, VALUE DOCUMENT AND PRINTING DEVICE

Title (de)

VERFAHREN ZUM HERSTELLEN EINES WERTDOKUMENTS, WERTDOKUMENT UND DRUCKVORRICHTUNG

Title (fr)

PROCÉDÉ DE FABRICATION D'UN DOCUMENT DE VALEUR, DOCUMENT DE VALEUR ET DISPOSITIF D'IMPRESSION

Publication

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Application

EP 19729440 A 20190528

Priority

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Abstract (en)

[origin: WO2019233624A1] The invention relates to a method for producing a value document, e.g. a banknote, comprising a) providing a value document substrate; b) printing the value document substrate with effect pigments that can be magnetically oriented and are dispersed in a UV-curable coating; c) step c1) exposing the coating containing the effect pigments that can be magnetically oriented to a dynamic, in particular a rotating, magnetic field, so that the effect pigments in the coating are arranged parallel to the value document substrate and in particular abut one another; step c2) irradiating the coating containing the effect pigments with UV irradiation, wherein step c2) is carried out in particular after step c1) or simultaneously with step c1); optionally d) embossing the cured or at least partially cured UV coating having the effect pigments arranged parallel to the value document substrate and in particular abutting one another, so that an embossed relief structure providing the viewer with an optically variable image is formed in the coating with effect pigments that adapt to the relief.

IPC 8 full level

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CPC (source: EP US)

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Citation (opposition)

Opponent : SICPA HOLDING SA

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