

Title (en)

VALUABLE DOCUMENT COMPRISING A SECURITY ELEMENT AND METHOD FOR PRODUCING SAID VALUABLE DOCUMENT

Title (de)

WERTDOKUMENT MIT EINEM SICHERHEITSELEMENT UND VERFAHREN ZUR HERSTELLUNG DES WERTDOKUMENTS

Title (fr)

DOCUMENT DE VALEUR COMPORTANT UN ELEMENT DE SECURITE ET PROCEDE DE FABRICATION D'UN DOCUMENT DE VALEUR

Publication

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Application

EP 04724592 A 20040331

Priority

- EP 2004003411 W 20040331
- DE 10326644 A 20030611

Abstract (en)

[origin: WO2004108426A2] The invention relates to a valuable document (1) comprising at least one security element (6) that is provided with a marking layer (8) in a marking region (4), said layer containing an electroluminescent pigment (10) and being applied to a carrier body. The electroluminescence of the pigment (10) of one such valuable document must be able to be excited even with comparably low, externally applied field intensities. To this end, a plurality of electrically insulated field displacement elements (14) having a minimum dielectric constant of 100 is distributed over the surface of the marking region (4), said field displacement elements being at a distance of approximately between 5 µm and 500 µm from each other and compressing the applied field in the gaps thereinbetween.

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IPC 8 full level

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Cited by

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DOCDB simple family (publication)

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