

Title (en)

VALUE DOCUMENT HAVING SECURITY MARKING AND METHOD FOR IDENTIFYING THE SECURITY MARKING

Title (de)

WERTDOKUMENT MIT SICHERHEITSMARKIERUNG UND VERFAHREN ZUR IDENTIFIKATION DER SICHERHEITSMARKIERUNG

Title (fr)

DOCUMENT DE VALEUR COMPORTANT UN MARQUAGE DE SÉCURITÉ ET PROCÉDÉ D'IDENTIFICATION DU MARQUAGE DE SÉCURITÉ

Publication

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Application

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Priority

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- EP 2017001087 W 20170914

Abstract (en)

[origin: WO2018050283A1] The invention relates to a value document having a security marking in the form of at least two luminescent substances, which are present in a defined relative quantity proportion and can be excited together by an excitation pulse. The time curves of the intensities are different and at least one luminescent substance has a non-monoexponential time curve. In a method for identifying the security marking, the time curve of the common intensity is detected and a linear combination of formula (I) is adapted, wherein $li(t)$ are time curves of the intensities of the luminescent substances. The security marking is identified based on the linear coefficients Ci .

IPC 8 full level

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Citation (opposition)

Opponent : SICPA HOLDING SA

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- "Quintaurus-Tau. Fluorescence lifetime spectrometer. C 11367 series", HAMAMATSU PHOTONICS K. K., 2016, pages 1 - 8, XP055848184
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