

Title (en)

SECURING THE AUTHENTICITY OF VALUE DOCUMENTS BY MEANS OF CHARACTERISTIC SUBSTANCES

Title (de)

ECHTHEITSSICHERUNG VON WERTDOKUMENTEN MITTELS MERKMALSSTOFFEN

Title (fr)

SIGNE DISTINCTIF D'AUTHENTICITE DE DOCUMENTS DE VALEUR PAR DES MATIERES CARACTERISTIQUES

Publication

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Application

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Abstract (en)

[origin: CA2624515A1] The invention relates to a characteristic substance for securing the authenticity of value documents. Said characteristic substance comprises at least one luminescent substance in the form of particles as well as nanoparticles which at least partly surround the surfaces of the luminescent substance particles, the properties of the characteristic substance resulting from the interaction of the properties of the luminescent substance and the nanoparticles. The invention further relates to a method for producing said characteristic substance, a method for securing the authenticity of a security element or value document with the aid of the characteristic substance, and security elements and value documents encompassing authenticity features based on the characteristic substance.

IPC 8 full level

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