

Title (en)
SECURITY ELEMENT, PRODUCTION METHOD, DATA CARRIER EQUIPPED WITH THE SECURITY ELEMENT AND METHOD FOR CHECKING THE AUTHENTICITY

Title (de)
SICHERHEITSELEMENT, HERSTELLUNGSVERFAHREN, MIT DEM SICHERHEITSELEMENT AUSGESTATTETER DATENTRÄGER UND VERFAHREN ZUM ÜBERPRÜFEN DER ECHTHEIT

Title (fr)
ÉLÉMENT DE SÉCURITÉ, PROCÉDÉ DE FABRICATION, SUPPORT DE DONNÉES ÉQUIPÉ DE CET ÉLÉMENT DE SÉCURITÉ ET PROCÉDÉ DE CONTRÔLE D'AUTHENTICITÉ

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Application
EP 14724313 A 20140513

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Abstract (en)
[origin: CA2907989A1] The invention relates to a security element for a data carrier, in particular a valuable document, comprising a carrier substrate, the front side of which comprises a macroscopic motif composed of a multiplicity of microscopic individual elements, wherein: the microscopic individual elements each contain at least three neighbouring regions generated by printing, which regions are designed in such a way that the observer perceives a so-called first bright-medium-dark contrast within each individual element under first observation conditions, a substantially uniform brightness within each individual element under second observation conditions and a so-called second bright-medium-dark contrast within each individual element under third observation conditions, which second bright-medium-dark contrast is inverted compared to the first bright-medium-dark contrast; and the microscopic individual elements cause a dynamic impression of the macroscopic motif for the observer in the case of an oscillating change between the first and the third observation conditions and the first, second and third observation conditions are defined as follows: first observation conditions: observation under illumination with visible light; second observation conditions: observation under illumination with a combination of visible light and ultraviolet light with substantially the same proportions; third observation conditions: observation under illumination with ultraviolet light.

IPC 8 full level
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