

Title (en)

SECURITY ELEMENT, AND METHOD FOR PRODUCING A SECURITY ELEMENT

Title (de)

SICHERHEITSELEMENT UND VERFAHREN ZUR HERSTELLUNG EINES SICHERHEITSELEMENTS

Title (fr)

ÉLÉMENT DE SÉCURITÉ ET PROCÉDÉ DE FABRICATION D'UN ÉLÉMENT DE SÉCURITÉ

Publication

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Application

**EP 19705341 A 20190214**

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Abstract (en)

[origin: CA3090206A1] The invention relates to a method and to a security element (1) having a front side and a rear side opposite the front side, wherein the security element has two or more security features (2a, 2b), wherein a first security feature (2a) of the two or more security features comprises one or more first layers (21) and a second security feature (2b) of the two or more security features comprises one or more second layers (22), wherein the first security feature and the second security feature are arranged in particular in register with one another, wherein the first security feature generates at least one first optically variable effect and the second security feature generates at least one second optically variable effect, wherein the at least one first optically variable effect has a first color and the at least one second optically variable effect has a second color, wherein the first color and the second color differ from one another. The invention also relates to a method for producing a security element. A full-area metallization (227) or a partial-area metallization (217) is possible. It is possible that the first optically variable structure and/or the second optically variable structure comprise(s) a volume hologram and/or an optically effective relief structure, in particular selected from: mirror, diffraction grating, hologram, kinoform, asymmetric diffraction structure, dim structure, in particular anisotropic dim structure, blazed grating, zero-order diffraction structure, fresnel-like free-form surface, refractive structure, in particular micromirror arrangement, refractive or focusing structure, in particular microlens arrangement.

IPC 8 full level

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