

Title (en)

OPTICALLY VARIABLE SECURITY ELEMENT

Title (de)

OPTISCH VARIABLES SICHERHEITSELEMENT

Title (fr)

ÉLÉMENT DE SÉCURITÉ OPTIQUEMENT VARIABLE

Publication

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Application

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Abstract (en)

[origin: WO2021028076A1] The invention relates to an optically variable security element (14) having an appearance that is visually different from opposite sides (16, 18). According to the invention, the security element (14) comprises a multicolour reflective area (20) containing two relief structures (24, 34) which are arranged at different vertical levels in the z-direction and form an upper relief structure (34), which is closer to the upper side (16) of the security element, and a lower relief structure (24) which is closer to the lower side (18) of the security element. The lower relief structure (24) is provided with a lower colour coating (26), which follows the shape of the relief, and the upper relief structure (34) is provided with an upper colour coating (36) which follows the shape of the relief. In the z-direction, a translucent coloured planar structure (44) is arranged at a vertical level between the two relief structures (24, 34), wherein the two relief structures (24, 34) and the planar structure (44) overlap in an overlap region. In the overlap region, the upper colour coating (36) comprises at least one cut-out (35) in which, when viewed from the upper side, the lower relief structure (24) appears, together with the combined colour effect at least of the translucent coloured planar structure (44) and the lower colour coating (26). In the overlap region, the lower colour coating (26) comprises at least one cut-out (25) in which, when viewed from the lower side, the upper relief structure (34) appears, together with the combined colour effect at least of the translucent coloured planar structure (44) and the upper colour coating (36).

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