

Title (en)

OPTICALLY VARIABLE SECURITY ELEMENT WITH REFLECTIVE AREA

Title (de)

OPTISCH VARIABLES SICHERHEITSELEMENT MIT REFLEKTIVEM FLÄCHENBEREICH

Title (fr)

ELEMENT DE SECURITE OPTIQUEMENT VARIABLE AVEC ZONE DE SURFACE REFLECTIF

Publication

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Application

EP 19742129 A 20190709

Priority

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Abstract (en)

[origin: WO2020011392A1] The invention relates to an optically variable security element with a multicolor a reflective surface region, the surface area of which defines a z direction perpendicular thereto. The multicolor reflective surface region contains an upper and a lower relief structure (34, 24) which are arranged at different vertical stages in the z direction, and the two relief structures are provided with a different respective upper and lower color coating (36, 26). The two relief structures overlap in an overlap region, and the upper color coating has a recess (42) in the overlap region such that a concealed section (26v) of the lower color coating (26) is arranged under the upper color coating (36) in the z direction and an exposed section (26o) of the lower color coating (26) is arranged under the recess (42) in the z direction. The lower color coating (26) together with parts of the concealed section (26v) and the exposed section (26o) become visible at an observation angle.

IPC 8 full level

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