

Title (en)
OPTICALLY VARIABLE SECURITY ELEMENT

Title (de)
OPTISCH VARIABLES SICHERHEITSELEMENT

Title (fr)
ÉLÉMENT DE SÉCURITÉ OPTIQUE VARIABLE

Publication
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Application
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Abstract (en)
[origin: CN114074493A] The invention relates to an optically variable security element for securing valuables. The surface extension of the security element defines a z-axis perpendicular thereto, and the security element has a reflective surface region which shows at least two appearances which can be recognized from different viewing directions. The reflective surface region includes a first relief structure and a second relief structure. The relief structures are arranged in different height levels in the z-direction at least partially overlapping one another. The first relief structure is provided with a reflection-enhancing layer, and the second relief structure has a reflection-enhancing layer, and/or the second relief structure has a reflection-enhancing layer only in a sub-region of the reflective surface region, the surface region has a sub-region with a reflective second relief structure and a free region without a reflective second relief structure. Herein, the reflection-enhancing layer of the second relief structure is formed by a suspended or sunk pigment.

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