

Title (en)  
SECURITY ELEMENT WITH OPTICALLY VARIABLE EMBOSSED STRUCTURE

Title (de)  
SICHERHEITSELEMENT MIT OPTISCH VARIABLER PRÄGESTRUKTUR

Title (fr)  
ÉLÉMENT DE SÉCURITÉ À STRUCTURE EN RELIEF OPTIQUEMENT VARIABLE

Publication  
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Application  
**EP 18745823 A 20180718**

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Abstract (en)  
[origin: WO2019015802A1] The invention relates to a security element, wherein the security element has an optically variable embossed structure, which has a multiplicity of cells that are arranged in a pattern. The cells (34) have at least one area element (3, 4, 12, 12') that is not aligned parallel to a base plane of the security element. A group of area elements (3, 4, 12, 12') that display a motif (I) with a motif tilting effect, that is to say display or do not display the motif (I) depending on the viewing angle, is provided. The embossed structure is provided with a coating, which comprises an overprint in the form of a grid (30) with grid elements. The overprint forms a second motif that can be seen by the viewer. At least one of the parameters, the position of the grid element (32) on the cell (34), the orientation of the grid element (32) on the cell (36) and the shape of the grid element (32), varies location-dependently over the extent of the embossed structure, and so the motif tilting effect of the first motif (I) is supplemented by a movement effect of the second motif.

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