

Title (en)
SECURITY ELEMENT HAVING A LENTICULAR IMAGE

Title (de)
SICHERHEITSELEMENT MIT LINSENRASTERBILD

Title (fr)
ÉLÉMENT DE SÉCURITÉ MUNI D'UNE IMAGE LENTICULAIRE

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Application
EP 16823158 A 20161212

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Abstract (en)
[origin: CA3007459A1] The invention relates to a security element (12) for safeguarding security papers, value documents and other data carriers (10), comprising a lenticular image which shows at least two different appearances (14A, 14B) from different viewing directions, wherein - the lenticular image contains a lenticular screen (24) consisting of a plurality of microlenses (26) and a radiation-sensitive motif layer (30) arranged at a distance from the lenticular screen (24), - the radiation-sensitive motif layer (30) contains a plurality of transparency areas (40) produced under the effect of radiation, each of which is arranged with precise alignment with respect to the microlenses (26) of the lenticular screen (24), and - the radiation-sensitive motif layer (30) is opaque outside the transparency areas (42) produced under the effect of radiation and is structured in the form of a first motif so that the first motif is visible as first appearance (14A) upon viewing the security element (12) from a first viewing direction through the lenticular screen (24).

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