

Title (en)
SECURITY ELEMENT COMPRISING A LENTICULAR IMAGE

Title (de)
SICHERHEITSELEMENT MIT LINSENRASTERBILD

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

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Abstract (en)
[origin: WO2020015847A1] The invention relates to a security element (12) for securing security papers, valuable documents and other data carriers (10), said element comprising a lenticular image which 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, wherein the radiation-sensitive motif layer (30) contains, at least in one motif region, a plurality of transparency regions (40) which are generated by the action of radiation and in which the radiation-sensitive motif layer is removed. According to the invention, the radiation-sensitive motif layer (30) has, at least in the motif region, a colour sublayer (32) and a metal sublayer (34), wherein the metal sublayer (34) is a printed metal pigment layer, the absorption property of which is adapted to the absorption property of the colour sublayer (32).

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