Title (en)

OPTICALLY VARIABLE ELEMENT, SECURITY DOCUMENT, METHOD FOR PRODUCING AN OPTICALLY VARIABLE ELEMENT, METHOD FOR PRODUCING A SECURITY DOCUMENT

Title (de)

OPTISCH VARIABLES ELEMENT, SICHERHEITSDOKUMENT, VERFAHREN ZUR HERSTELLUNG EINES OPTISCH VARIABLEN ELEMENTS, VERFAHREN ZUR HERSTELLUNG EINES SICHERHEITSDOKUMENTS

Title (fr)

ÉLÉMENT OPTIQUEMENT VARIABLE, DOCUMENT DE SÉCURITÉ, PROCÉDÉ DE FABRICATION D'UN ÉLÉMENT OPTIQUEMENT VARIABLE, PROCÉDÉ DE FABRICATION D'UN DOCUMENT DE SÉCURITÉ

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Application

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Abstract (en)

[origin: WO2020078664A1] The invention relates to an optically variable element (1a), in particular a security element (1b) and/or a decorative element (1c), preferably for security documents (1d), wherein the optically variable element (1a) comprises at least one pixel array (2) comprising two or more pixels (2aa-2dd, 2e-2f), wherein one or more pixels of the two or more pixels (2aa -2dd, 2e-2f) have one or more structures (3aa-3dd, 3e-3f), and wherein one or more structures of the one or more structures (3aa -3dd, 3e-3f) image, diffract and/or scatter incident electromagnetic radiation (6) into one or more spatial angles. The invention also relates to a security document (1d), in particular comprising one or more optically variable elements (1a), to a method for producing an optically variable element (1a), preferably a security element (1b) and/or a decorative element (1c), preferably for security documents (1d), and to a method for producing a security document (1d), preferably comprising one or more layers, preferably comprising one or more optically variable elements (1a).

IPC 8 full level

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