

Title (en)

OPTICALLY VARIABLE SECURITY ELEMENT, PRODUCTION PROCESS AND EMBOSSING ARRANGEMENT

Title (de)

OPTISCH VARIABLES SICHERHEITSELEMENT, HERSTELLUNGSVERFAHREN UND PRÄGEANORDNUNG

Title (fr)

ÉLÉMENT DE SÉCURITÉ OPTIQUEMENT VARIABLE, PROCÉDÉ DE PRODUCTION ET AGENCEMENT DE GAUFRAGE

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Application

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Abstract (en)

[origin: WO2022199884A1] The invention relates to an optically variable security element (20) for safeguarding articles of value. The security element has a feature layer (24) containing, in a common plane, first and second feature regions (30, 40) arranged so as to accurately fit together. The first feature regions (30) contain a first embossing lacquer layer of a first embossing lacquer (32) into which an embossed structure (34) that creates a first optical effect has been embossed. The second feature regions (40) contain a second embossing lacquer layer of a second embossing lacquer (42) into which an embossed structure (44) that creates a second, different optical effect has been embossed. The first and second embossing lacquers (32, 42) have different solidification properties and different optical properties. The invention also relates to a production process for such an optically variable security element, and to embossing arrangements comprising a semifinished security element product and means of impressing an embossed structure.

IPC 8 full level

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