

Title (en)

PRODUCTION OF A SECURITY ELEMENT PROVIDED WITH COLORED MICRO-DEPRESSIONS

Title (de)

HERSTELLUNG EINES MIT GEFÄRBTEN MIKROVERTIEFUNGEN VERSEHENEN SICHERHEITSELEMENTES

Title (fr)

FABRICATION D'UN ÉLÉMENT DE SÉCURITÉ DOTÉ DE MICROCAVITÉS TEINTÉES

Publication

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Application

**EP 10779240 A 20101104**

Priority

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Abstract (en)

[origin: WO2011057739A1] The invention relates to a method for producing a security element provided with micro-depressions (8) for security papers, documents of value or the like, the micro-depressions (8) being colored with a specific ink and the method comprising the following steps: a) coating an upper surface (5) of a substrate (4) with a layer that can be embossed (7), b1) molding micro-depressions (8) in the layer that can be embossed (7) in order to form an embossed layer (7), c) applying the specific ink to the upper surface (5), so that the ink (14) remains in the micro-depressions (8), characterized by b2) applying a structured protective layer (11; 10, 22), e.g. a washable ink or a resist lacquer, to the coated upper surface (5) wherein the structured protective layer (11; 10, 22) does not cover the micro-depressions (8) which are intended to be colored with the specific ink, after step b1) and before step c), d) removing the structured protective layer (11; 10, 22) and therefore any coloring (16) after step c).

IPC 8 full level

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