

Title (en)
SECURITY ELEMENT AND METHOD FOR PRODUCING THE SAME

Title (de)
SICHERHEITSELEMENT UND VERFAHREN ZU SEINER HERSTELLUNG

Title (fr)
ÉLÉMENT DE SÉCURITÉ ET PROCÉDÉ POUR LE PRODUIRE

Publication
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Application
EP 09711080 A 20090209

Priority

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Abstract (en)
[origin: US2010320742A1] The present invention relates to a method for manufacturing a security element (12) having a metalized microrelief pattern and a negative pattern in register therewith, in which P) a substrate (20) is provided with an embossing pattern having elevations (24) and depressions (26) that form first and second regions having different first and second height levels, wherein the desired microrelief pattern (28) is introduced into the first regions of the embossing pattern, and the second regions of the embossing pattern are developed in the form of the desired negative pattern, M) the embossing pattern with the first and second regions is contiguously metalized (30), and L) the metalized embossing pattern is impinged on with laser radiation, to selectively remove the metalization (30) in the second regions of the embossing pattern through the action of the laser radiation.

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