

Title (en)  
SECURITY ELEMENT, METHOD FOR PRODUCING THE SAME AND DOCUMENT OF VALUE

Title (de)  
SICHERHEITSELEMENT, VERFAHREN ZUM HERSTELLEN DESSELBEN UND WERTDOKUMENT

Title (fr)  
ÉLÉMENT DE SÉCURITÉ, PROCÉDÉ DE FABRICATION DE CELUI-CI ET DOCUMENT DE VALEUR

Publication  
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Application  
**EP 17758797 A 20170822**

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Abstract (en)  
[origin: WO2018036652A1] The invention relates to a security element for enhancing the security of documents of value, comprising a first polymer, which contains a feature substance and is at least partially surrounded by a second polymer, wherein the first polymer is a hydrophobic, water-insoluble polymer, which can be converted into a hydrophilic, water-soluble polymer if the pH is increased and the ambient temperature is increased for a treatment period of less than 60 minutes, preferably less than 30 minutes, and the second polymer is a hydrophilic, water-soluble polymer, wherein the increased pH is greater than 12, preferably greater than 10, and the increased ambient temperature is greater than 90°C, preferably greater than 60°C.

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