

Title (en)

Method and apparatus for preparing a substrate with security elements for security documents

Title (de)

Verfahren und Vorrichtung zum Herstellen eines Substrats mit Sicherheitselementen für Sicherheitsdokumente

Title (fr)

Procédé et appareil pour préparer un support comportant des éléments de sécurité pour documents infalsifiables

Publication

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Application

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Priority

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Abstract (en)

In a banknote security printing process a security mark is printed as an endless foil web of predetermined width which is then presented to the paper web. The foil is esp. sub-divided into the required dimensions shortly before application to the paper web. The foil is longitudinally cut by knife (6) into continuous webs (2) which are then registered on and applied to the paper web (14). The security mark is a thread which is fully or partly embedded within the paper web during manufacture of the paper web, or is bonded to the web surface. alternatively, the foil is a transfer foil, a paper web, or self-adhesive labels which are applied in a punch-process. Also claimed is an assembly for the production of security-printed documents incorporating a reservoir for the security mark, a merge-unit, and a cutter unit.

Abstract (de)

Die Erfindung betrifft ein Verfahren zum Herstellen eines Substrats mit Sicherheitselementen, wobei aus dem Substrat wenigstens zwei Sicherheitsdokumente gebildet werden können, die jeweils mindestens eines der Sicherheitselemente aufweisen. Die Sicherheitselemente werden als Endlosfolie mit vorgegebener Breite hergestellt. Die Endlosfolie wird anschließend an das Substrat herangeführt und erst kurz vor dem Zusammenführen von Substrat und Endlosfolie in die einzelnen Sicherheitselemente aufgeteilt. <IMAGE>

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Citation (search report)

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