

Title (en)

Process for producing an antifalsification paper with an incorporated security element.

Title (de)

Verfahren zur Herstellung eines Sicherheitspapiers mit eingelagertem Sicherheitselement.

Title (fr)

Procédé de production d'un papier de sécurité à élément de sécurité incorporé.

Publication

EP 0229645 A1 19870722 (DE)

Application

EP 87100201 A 19870109

Priority

DE 3601114 A 19860116

Abstract (en)

To produce a security paper with an embedded security feature (7) therein in the form of a thread, band or the like, a first layer of paper (3) and a second layer of paper (5) in a second papermaking machine are produced and the security feature (7) is inserted in a defined position between these layers (3, 5). After this, these are pressed together and dried. The individual paper layers (3, 5) can be provided with watermarks (9) or apertures (10, 11) at specific locations with respect to the thread (7), whereby the thread can be specifically exposed at pre-determined positions.
<IMAGE>

Abstract (de)

Zur Herstellung eines Sicherheitspapiers mit einem in Papier eingelagerten Sicherheitselement (7) in Form eines Fadens, Bandes oder dergleichen wird eine erste Papierlage (3) und eine in einer zweiten Papiermaschine (2) zweite Papierlage (5) geschöpft und das Sicherheitselement (7) an definierter Stelle zwischen diese Lagen (3, 5) eingebracht. Anschließend werden diese zusammengepresst und getrocknet. Die einzelnen Papierlagen (3, 5) können an definierter Stelle zum Faden (7) mit Wasserzeichen (9) oder Durchbrechungen (10, 11) versehen werden, womit der Faden (7) gezielt an vorbestimmten Stellen freigelegt werden kann.

IPC 1-7

D21H 5/10; D21F 11/08; D21F 1/44

IPC 8 full level

B44F 1/12 (2006.01); **D21F 1/44** (2006.01); **D21F 11/08** (2006.01); **D21H 21/42** (2006.01); **D21H 27/00** (2006.01)

CPC (source: EP)

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Citation (applicant)

- DE 2408304 A1 19750904 - JUNG CLAUS
- GB 1552853 A 19790919 - BANK OF ENGLAND
- EP 0059056 A1 19820901 - PORTALS LTD [GB]
- GB 1486079 A 19770914 - WIGGINS TEAPE LTD

Citation (search report)

- [AD] GB 1552853 A 19790919 - BANK OF ENGLAND
- [AD] GB 1486079 A 19770914 - WIGGINS TEAPE LTD
- [AD] DE 2408304 A1 19750904 - JUNG CLAUS
- [AD] EP 0059056 B1 19850502
- [A] US 1687140 A 19281009 - ANTON PLEYER
- [A] GB 1220070 A 19710120 - HOKKAI SEISHI KABUSHIKI KAISHA [JP]
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