

Title (en)

Thread- or strip-like security element to be included in a security document, and a method of manufacturing same.

Title (de)

Sicherheitselement in Form eines Fadens oder Bandes zur Einbettung in Sicherheitsdokumente sowie Verfahren zur Herstellung desselben.

Title (fr)

Élément de sécurité en forme de fil ou de bande destiné à être incorporé dans un document de sécurité et procédé pour sa fabrication.

Publication

EP 0330733 A1 19890906 (DE)

Application

EP 88118460 A 19881104

Priority

DE 3807126 A 19880304

Abstract (en)

Security element in the form of a thread (1) or a ribbon for insertion into security documents such as banknotes, cheques, securities, credit and identity cards or the like, comprising characters, patterns, etc., which can be rendered visible by transparency and/or read by a machine. Said element consists of a translucent plastic film (2) covered by an opaque coating (3) and having recesses (4) shaped like the characters or patterns to be applied. Said element also comprises colouring and/or luminescent substances, in the regions coinciding with the recesses, which make it possible under suitable lighting conditions to distinguish the characters and/or patterns from the security document and from the opaque coating by means of contrasting colours.

Abstract (de)

Sicherheitselement in Form eines Fadens (1) oder Bandes zur Einbettung in Sicherheitsdokumente wie Banknoten, Schecks, Wertpapiere, Identitäts-, Kreditkarten oder dergleichen mit im Durchlicht sichtbaren visuell und/oder maschinell lesbaren Zeichen, Muster etc. Das Sicherheitselement besteht aus einer lichtdurchlässigen Kunststoffolie (2), die eine sich über das Element erstreckende opake Beschichtung (3) mit Aussparungen (4) in Form der einzubringenden Zeichen und Muster aufweist. Außerdem enthält das Sicherheitselement in zu den Aussparungen deckungsgleichen Bereichen farbgebende und/oder lumineszierende Substanzen, durch die sich die Zeichen und/oder Muster unter geeigneten Lichtbedingungen vom Sicherheitsdokument und von der opaken Beschichtung in farblich kontrastierender Form unterscheiden.

IPC 1-7

B42D 15/02; B44F 1/12; D21H 5/10

IPC 8 full level

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CPC (source: EP KR US)

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FI 894957 A0 19891018; FI 95736 B 19951130; FI 95736 C 19960311; KR 900700692 A 19900816; KR 930003329 B1 19930426;
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