Title (en)

A process for obtaining security paper, in particular paper money

Title (de)

Verfahren zur Herstellung eines Sicherheitspapiers, insbesondere Banknoten

Title (fr)

Un procédé pour la fabrication d'un papier de sécurité, en particulier papier-monnaie

Publication

EP 0613786 B1 19960703 (EN)

Application

EP 94500017 A 19940204

Priority

ES 9300230 A 19930208

Abstract (en)

[origin: EP0613786A1] Starting with the classic incorporation to the security paper of security threads or strips (1) carrying a drawing (2) or any mark that can be readily detected with the naked eye, obtained upon a metallised background (3), the process comprises rendering the said metallised background (3) discontinuous, to define a sort of screen or the like, that reduces the intensity of the background and renders the latter more difficult to reproduce by optical means and at the same time allowing the said drawing (2) to be printed using cheaper and more accessible techniques. Furthermore, the discontinuous character of the metallised background (3) allows fluorescences to be used on either the screen dots (3) upon non-fluorescent background material or upon fluorescent background material having a colour that differs from that of the screen fluorescence. <IMAGE>

IPC 1-7

B41M 3/14; G03C 5/08; B42D 15/00; D21H 21/42

IPC 8 full level

B41M 3/14 (2006.01); B42D 15/00 (2006.01); D21H 21/42 (2006.01); G03C 5/08 (2006.01)

CPC (source: EP)

B41M 3/14 (2013.01); B42D 25/355 (2014.10); D21H 21/42 (2013.01); G03C 5/08 (2013.01)

Citation (examination)

WO 9013877 A1 19901115 - GAO GES AUTOMATION ORG [DE]

Cited by

CN103413171A; EP1652687A1; US8684417B2; WO9956964A1; WO02101147A1; WO2004048120A1; US6688221B1; US6874414B2; EP1876032A1

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DOCDB simple family (application)

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