

Title (en)
SUBSTRATES FOR PRINTING

Title (de)
SUBSTRAT ZUM DRUCKEN

Title (fr)
SUBSTRATS POUR IMPRESSION

Publication
EP 1147495 B1 20030102 (EN)

Application
EP 00900703 A 20000120

Priority
• GB 0000129 W 20000120
• GB 9901522 A 19990126

Abstract (en)
[origin: GB2346110A] A substrate for a security document such as a banknote, has physically formed therein identification features which are invisible to the eye but are repetitive so as to be detectable, after scanning, by computer. The features may be arranged in a 2D matrix and be spaced at regular intervals over the substrate. The physical features may be formed by embossing, surface treatment of lacquered papers, impregnation, laser treatment or watermarking. The features enable banknote verification and determination of denomination. Reproduction of the document by printing may be inhibited by subjecting the image data signals to an algorithm which serves as a second control to downgrade or inhibit reproduction.

IPC 1-7
G07D 7/00; **G07D 7/20**; **B41M 3/14**

IPC 8 full level
B41M 3/10 (2006.01); **B41M 3/14** (2006.01); **B42D 15/00** (2006.01); **G07D 7/00** (2006.01); **G07D 7/12** (2006.01); **G07D 7/20** (2006.01)

CPC (source: EP)
B41M 3/10 (2013.01); **B41M 3/14** (2013.01); **B42D 25/29** (2014.10); **G07D 7/005** (2017.05); **G07D 7/206** (2017.05)

Cited by
US7321667B2; US7162052B2; US7760906B2; US7532741B2

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WO 0045344 A1 20000803; AT E230510 T1 20030115; AU 3063100 A 20000818; CA 2357727 A1 20000803; DE 60001098 D1 20030206; EP 1147495 A1 20011024; EP 1147495 B1 20030102; GB 0001165 D0 20000308; GB 2346110 A 20000802; GB 2346110 B 20010905; GB 9901522 D0 19990317; HK 1043417 A1 20020913; JP 2002536202 A 20021029; MX PA01007401 A 20020604

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