

Title (en)

SECURITY DOCUMENT AND METHOD USING INVISIBLE CODED MARKINGS

Title (de)

SICHERHEITSDOKUMENT UND METHODE WELCHE UNSICHTBARE KODIERTE MARKIERUNGEN VERWENDET

Title (fr)

DOCUMENT DE SECURITE ET PROCEDE D'UTILISATION DE MARQUES DE CODES INVISIBLES

Publication

EP 0988150 B1 20030129 (EN)

Application

EP 97947408 A 19971105

Priority

- US 9720342 W 19971105
- US 3036696 P 19961105

Abstract (en)

[origin: WO9822291A2] An invisible indicia or encoded information is imprinted on a substrate using a compound which produces a fluorescence at a wavelength greater than about 650 nm when exposed to near infrared radiation. The information is covered by a layer of material that reflects or absorbs a substantial amount of the visible and UV radiation illuminating its surface.

IPC 1-7

B41M 3/14

IPC 8 full level

B41M 3/14 (2006.01); **B42D 15/00** (2006.01); **B42D 15/10** (2006.01)

CPC (source: EP)

B41M 3/144 (2013.01); **B42D 25/378** (2014.10); **B42D 25/382** (2014.10); **B42D 25/387** (2014.10)

Cited by

US8590798B2

Designated contracting state (EPC)

BE DE FR GB IT

DOCDB simple family (publication)

WO 9822291 A2 19980528; **WO 9822291 A3 19981015**; AU 5249798 A 19980610; DE 69718826 D1 20030306; DE 69718826 T2 20030807; EP 0988150 A2 20000329; EP 0988150 A4 20000329; EP 0988150 B1 20030129; JP 2001504406 A 20010403

DOCDB simple family (application)

US 9720342 W 19971105; AU 5249798 A 19971105; DE 69718826 T 19971105; EP 97947408 A 19971105; JP 52369798 A 19971105