

Title (en)
METHOD FOR PRINTING A SECURITY ELEMENT AND SECURITY ELEMENT

Title (de)
VERFAHREN ZUM DRUCKEN EINES SICHERHEITSELEMENTS UND SICHERHEITSELEMENT

Title (fr)
PROCEDE D'IMPRESSION D'UN ELEMENT DE SECURITE ET ELEMENT DE SECURITE

Publication
EP 1592561 B1 20080730 (FR)

Application
EP 04708414 A 20040205

Priority

- IB 2004000398 W 20040205
- EP 03003331 A 20030213
- EP 04708414 A 20040205

Abstract (en)
[origin: EP1447234A1] The process involves printing a semi-transparent security unit (2) with variable optical ink on a base (1) of a substrate. The security unit is printed to cover the base. The semi-transparent security unit is printed by a serigraphy process. A sifter utilized in the serigraphy process comprises 180 to 230 lines per inch according to X and Y directions of the sifter. An independent claim is also included for a value-paper.

IPC 8 full level
B41M 3/14 (2006.01); **B42D 15/00** (2006.01)

CPC (source: EP KR US)
B41M 3/14 (2013.01 - KR); **B41M 3/144** (2013.01 - EP US); **B42D 15/00** (2013.01 - KR); **B42D 25/29** (2014.10 - EP US)

Cited by
US9573407B2

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)
EP 1447234 A1 20040818; AT E402823 T1 20080815; AU 2004212197 A1 20040826; CA 2515454 A1 20040826; CN 100430238 C 20081105; CN 1750937 A 20060322; DE 602004015414 D1 20080911; EP 1592561 A1 20051109; EP 1592561 B1 20080730; JP 2006517483 A 20060727; KR 101080917 B1 20111108; KR 20050101548 A 20051024; RU 2005128511 A 20060210; RU 2326005 C2 20080610; US 2006175824 A1 20060810; WO 2004071781 A1 20040826

DOCDB simple family (application)
EP 03003331 A 20030213; AT 04708414 T 20040205; AU 2004212197 A 20040205; CA 2515454 A 20040205; CN 200480004178 A 20040205; DE 602004015414 T 20040205; EP 04708414 A 20040205; IB 2004000398 W 20040205; JP 2006502439 A 20040205; KR 20057014812 A 20040205; RU 2005128511 A 20040205; US 54398704 A 20040205