

Title (en)

METHOD FOR PRODUCING A SECURITY DOCUMENT

Title (de)

VERFAHREN ZUR HERSTELLUNG EINER WERTSCHRIFT

Title (fr)

PROCEDE DE FABRICATION D'UN DOCUMENT DE SECURITE

Publication

**EP 1356159 A2 20031029 (FR)**

Application

**EP 01993724 A 20011109**

Priority

- FR 0103490 W 20011109
- FR 0014457 A 20001110

Abstract (en)

[origin: WO0238863A2] The invention concerns a method for producing a security document having an opaque fibrous texture, so as to constitute on the surface of the document at least a highly transparent zone. The invention is characterised in that the method comprises a local treatment of the fibrous texture of the document in said zone, so as to enhance its transparency, and the method comprises the exposure of the locally treated zone to the vibration of a sonotrode at an ultrasonic frequency.

IPC 1-7

**D21H 21/26; D21F 11/00; D21H 25/06**

IPC 8 full level

**D21F 1/44** (2006.01); **D21H 21/26** (2006.01); **D21H 21/40** (2006.01); **D21H 25/06** (2006.01)

CPC (source: EP)

**B42D 25/351** (2014.10); **B42D 25/378** (2014.10); **D21F 1/44** (2013.01); **D21H 21/26** (2013.01); **D21H 21/40** (2013.01); **D21H 25/06** (2013.01)

Citation (search report)

See references of WO 0238863A2

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

**WO 0238863 A2 20020516; WO 0238863 A3 20020815**; AU 1835202 A 20020521; BG 107790 A 20040130; EP 1356159 A2 20031029; FR 2816642 A1 20020517; FR 2816642 B1 20030718; MA 25922 A1 20031001; MD 20030114 A 20030831; OA 12412 A 20060418

DOCDB simple family (application)

**FR 0103490 W 20011109**; AU 1835202 A 20011109; BG 10779003 A 20030509; EP 01993724 A 20011109; FR 0014457 A 20001110; MA 27143 A 20030507; MD 20030114 A 20011109; OA 1200300132 A 20011109