

Title (en)
Security printing process and security document

Title (de)
Sicherheitsdruckverfahren und Sicherheitsdokument

Title (fr)
Procédé d'impression de documents de sécurité ainsi qu'un document de sécurité

Publication
EP 1629986 A1 20060301 (FR)

Application
EP 04020017 A 20040824

Priority
EP 04020017 A 20040824

Abstract (en)
The method involves placing a protecting layer on a surface of a security document e.g. bank note (1). A rough region (3) for receiving a letterpress unit e.g. alphanumeric serial number (4), signature or bar code, is formed on the security document. The letterpress unit is printed on the security document. The region is constituted of frame of points or lines, and size of the region is higher than that of the unit. An independent claim is also included for a security document e.g. bank note, or paper representing a value.

IPC 8 full level
B41M 3/14 (2006.01)

CPC (source: EP US)
B41M 3/14 (2013.01 - EP US); **B41M 7/0045** (2013.01 - EP US); **B41M 7/0054** (2013.01 - EP US); **B42D 25/29** (2014.10 - EP US);
B41M 1/06 (2013.01 - EP US); **B41M 1/10** (2013.01 - EP US); **B41M 1/18** (2013.01 - EP US); **B41M 1/36** (2013.01 - EP US)

Citation (applicant)
• FR 523278 A 19210816 - MARCEL BILLON, et al
• EP 0256170 A1 19880224 - ENSCHEDE & ZONEN GRAFISCH [NL]
• EP 0860296 A1 19980826 - FINA RESEARCH [BE]
• US 6227572 B1 20010508 - LYEN ERIC A [CA]

Citation (search report)
• [AD] US 6227572 B1 20010508 - LYEN ERIC A [CA]
• [A] US 5458713 A 19951017 - OJSTER ALBERT [DE]
• [A] US 5817205 A 19981006 - KAULE WITTICH [DE]

Cited by
CN104271357A; CN101947894A; EP2759491A4

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 PL PT RO SE SI SK TR

DOCDB simple family (publication)
EP 1629986 A1 20060301; AT E462577 T1 20100415; CN 100540322 C 20090916; CN 101005957 A 20070725;
DE 602005020311 D1 20100512; EP 1786631 A1 20070523; EP 1786631 B1 20100331; JP 2008510639 A 20080410;
US 2009038490 A1 20090212; WO 2006021856 A1 20060302

DOCDB simple family (application)
EP 04020017 A 20040824; AT 05785117 T 20050819; CN 200580028131 A 20050819; DE 602005020311 T 20050819;
EP 05785117 A 20050819; IB 2005002453 W 20050819; JP 2007529017 A 20050819; US 57399405 A 20050819