

Title (en)  
PROCESS FOR SURFACE TREATMENT OF A BANKNOTE

Title (de)  
VERFAHREN ZUR OBERFLÄCHENBEHANDLUNG EINES GELDSCHONES

Title (fr)  
PROCEDE DE TRAITEMENT DE SURFACE D'UN BILLET DE BANQUE

Publication  
**EP 2761084 A1 20140806 (FR)**

Application  
**EP 12762308 A 20120926**

Priority

- FR 1158646 A 20110927
- EP 2012068968 W 20120926

Abstract (en)  
[origin: WO2013045496A1] The present invention relates to a method for treating the surface of a banknote (1) comprising, on at least one of its opposing surfaces (20, 21), at least a printed item comprised of at least a design (3), this surface (20, 21) and its associated printed item (3) being covered in a transparent protective coating (R), characterized by the fact that a coating is applied via printing, said coating containing a varnish and an organic chemical compound incorporating fluorine atoms in the form of at least a perfluoro-polyether (PFPE) group, on said surface (20, 21), and by the fact that it is dried.

IPC 8 full level  
**D21H 19/16** (2006.01); **B42D 15/00** (2006.01); **D21H 19/20** (2006.01); **D21H 19/24** (2006.01); **D21H 21/18** (2006.01); **D21H 21/40** (2006.01)

CPC (source: EP RU US)  
**B41M 7/0045** (2013.01 - EP); **B42D 25/29** (2014.10 - EP RU US); **D21H 17/11** (2013.01 - EP); **D21H 17/53** (2013.01 - EP US); **D21H 19/16** (2013.01 - EP); **D21H 19/20** (2013.01 - EP); **D21H 19/24** (2013.01 - EP); **D21H 21/18** (2013.01 - EP); **D21H 21/40** (2013.01 - EP); **D21H 25/06** (2013.01 - EP); **B41M 7/0045** (2013.01 - RU); **B42D 2033/04** (2022.01 - EP); **D21H 17/53** (2013.01 - RU); **D21H 19/16** (2013.01 - RU); **D21H 19/20** (2013.01 - RU); **D21H 19/24** (2013.01 - RU); **D21H 21/18** (2013.01 - RU); **D21H 21/36** (2013.01 - EP); **D21H 21/40** (2013.01 - RU); **D21H 25/06** (2013.01 - RU)

Citation (search report)  
See references of WO 2013045496A1

Cited by  
FR3105250A1; WO2021123118A1

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)  
**FR 2980491 A1 20130329; FR 2980491 B1 20141226**; AU 2012314478 A1 20140403; AU 2012314478 B2 20161103; BR 112014007006 A2 20170411; BR 112014007006 B1 20210810; CA 2848934 A1 20130404; CA 2848934 C 20200414; CN 103998685 A 20140820; EP 2761084 A1 20140806; EP 2761084 B1 20160406; ES 2575707 T3 20160630; KR 101978456 B1 20190514; KR 20140082991 A 20140703; PL 2761084 T3 20160930; RU 2014116902 A 20151110; RU 2611503 C2 20170227; WO 2013045496 A1 20130404; ZA 201402214 B 20150826

DOCDB simple family (application)  
**FR 1158646 A 20110927**; AU 2012314478 A 20120926; BR 112014007006 A 20120926; CA 2848934 A 20120926; CN 201280047451 A 20120926; EP 12762308 A 20120926; EP 2012068968 W 20120926; ES 12762308 T 20120926; KR 20147011482 A 20120926; PL 12762308 T 20120926; RU 2014116902 A 20120926; ZA 201402214 A 20140325