

Title (en)
SECURITY PAPER

Title (de)
SICHERHEITSPAPIER

Title (fr)
PAPIER DE SECURITE

Publication
EP 1252389 A1 20021030 (FR)

Application
EP 01904025 A 20010201

Priority
• FR 0100308 W 20010201
• FR 0001249 A 20000201

Abstract (en)
[origin: US2003056914A1] Security paper (1) has a security zone (2) for providing protection against mechanical falsification. The security zone comprises a set of cells (3) indented in the paper and optionally interconnected by indented link portions, the thickness of the paper being substantially uniform throughout its area that is complementary to the cells (3) and to the link portions in the security zone (2).

IPC 1-7
D21F 1/44

IPC 8 full level
D21F 1/10 (2006.01); **D21F 1/44** (2006.01); **D21F 7/08** (2006.01); **D21H 21/40** (2006.01); **D21H 27/22** (2006.01)

CPC (source: EP US)
D21F 1/44 (2013.01 - EP US); **Y10S 428/916** (2013.01 - EP US)

Citation (search report)
See references of WO 0157312A1

Cited by
WO2014097146A1; WO2012013809A1; WO2018100150A1; US10710394B2; WO2013030784A1; US10730336B2; US10780728B2; WO2022189584A1; FR3120567A1

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)
US 2003056914 A1 20030327; **US 6911115 B2 20050628**; AT E283388 T1 20041215; DE 60107385 D1 20041230; DE 60107385 T2 20050728; DE 60107385 T3 20100923; EP 1252389 A1 20021030; EP 1252389 B1 20041124; EP 1252389 B2 20100310; ES 2233604 T3 20050616; ES 2233604 T5 20100621; FR 2804448 A1 20010803; FR 2804448 B1 20020405; JP 2003521595 A 20030715; JP 4717310 B2 20110706; WO 0157312 A1 20010809

DOCDB simple family (application)
US 18172702 A 20020903; AT 01904025 T 20010201; DE 60107385 T 20010201; EP 01904025 A 20010201; ES 01904025 T 20010201; FR 0001249 A 20000201; FR 0100308 W 20010201; JP 2001555934 A 20010201