

Title (en)
MULTI-LAYER SECURITY PAPER

Title (de)
MEHRSCHICHTIGES SICHERHEITSPAPIER

Title (fr)
PAPIER DE SECURITE MULTIJET

Publication
EP 1687484 A1 20060809 (FR)

Application
EP 04791542 A 20041015

Priority
• FR 2004002631 W 20041015
• FR 0312020 A 20031015

Abstract (en)
[origin: US2007128418A1] The invention relates to a security paper consisting of at least two paper fibre webs, wherein the first web is embodied in the form of an external we provided with at least one authentication element and the second web comprises a reinforcing element which is substantially absent in the first web and selected amongst materials improving mechanical strength, and/or another authentication element and the authentication element of said first web substantially absent in the second web. A method for producing the inventive security paper is also disclosed.

IPC 8 full level
D21H 21/40 (2006.01); **D21H 27/30** (2006.01); **D21H 11/20** (2006.01); **D21H 13/10** (2006.01); **D21H 21/18** (2006.01)

CPC (source: EP US)
B42D 25/30 (2014.10 - US); **B42D 25/40** (2014.10 - US); **D21H 21/40** (2013.01 - EP US); **D21H 11/20** (2013.01 - EP US); **D21H 13/10** (2013.01 - EP US); **D21H 21/18** (2013.01 - EP US); **D21H 27/30** (2013.01 - EP US); **Y10T 428/24942** (2015.01 - EP US)

Citation (search report)
See references of WO 2005038135A1

Cited by
US9464385B2

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)
US 2007128418 A1 20070607; **US 9464385 B2 20161011**; AT E493546 T1 20110115; BR PI0415493 A 20061226; BR PI0415493 B1 20151222; CA 2542196 A1 20050428; CA 2542196 C 20120221; DE 602004030822 D1 20110210; EP 1687484 A1 20060809; EP 1687484 B1 20101229; EP 1687484 B2 20140806; ES 2358596 T3 20110512; ES 2358596 T5 20141028; FR 2861101 A1 20050422; FR 2861101 B1 20070615; WO 2005038135 A1 20050428

DOCDB simple family (application)
US 57536704 A 20041015; AT 04791542 T 20041015; BR PI0415493 A 20041015; CA 2542196 A 20041015; DE 602004030822 T 20041015; EP 04791542 A 20041015; ES 04791542 T 20041015; FR 0312020 A 20031015; FR 2004002631 W 20041015