

Title (en)  
Patterned paper

Title (de)  
Gemustertes Papier

Title (fr)  
Papier à motifs

Publication  
**EP 1281812 B1 20040421 (DE)**

Application  
**EP 01118527 A 20010801**

Priority  
EP 01118527 A 20010801

Abstract (en)  
[origin: EP1281812A1] A process for preparation of nonuniform intensively colored paper comprises: (a) application of at least one material which affects penetration of colorant into the paper, in the form of a visible latent image or pattern to the paper; (b) coloring of the paper by means of a colorant solution; and (c) drying of the colored paper. a An Independent claim is included for paper prepared as above.

IPC 1-7  
**D21H 27/02**

IPC 8 full level  
**B41J 2/01** (2006.01); **B41M 5/00** (2006.01); **B44F 1/08** (2006.01); **B44F 5/00** (2006.01); **D21H 19/10** (2006.01); **D21H 27/02** (2006.01)

CPC (source: EP US)  
**B44F 1/08** (2013.01 - EP US); **B44F 5/00** (2013.01 - EP US); **D21H 27/02** (2013.01 - EP US)

Citation (examination)  
US 5840403 A 19981124 - TROKHAN PAUL DENNIS [US], et al

Cited by  
EP2213791A1; US7591926B2; CN110593000A

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)  
**EP 1281812 A1 20030205; EP 1281812 B1 20040421; EP 1281812 B9 20041117**; AT E264942 T1 20040515; CA 2454291 A1 20030213; CN 1289756 C 20061213; CN 1539043 A 20041020; DE 50102060 D1 20040527; DK 1281812 T3 20040816; ES 2217066 T3 20041101; HK 1070674 A1 20050624; JP 2005523388 A 20050804; US 2004182532 A1 20040923; WO 03012202 A1 20030213

DOCDB simple family (application)  
**EP 01118527 A 20010801**; AT 01118527 T 20010801; CA 2454291 A 20020727; CN 02815236 A 20020727; DE 50102060 T 20010801; DK 01118527 T 20010801; EP 0208404 W 20020727; ES 01118527 T 20010801; HK 05103342 A 20050419; JP 2003517369 A 20020727; US 48327104 A 20040510