

Title (en)

METHOD FOR THE PRODUCTION OF PRINTED SURFACES

Title (de)

VERFAHREN ZUR HERSTELLUNG VON BEDRUCKTEN FLÄCHEN

Title (fr)

PROCEDE DE PRODUCTION DE SURFACES IMPRIMEES

Publication

**EP 1230093 A1 20020814 (DE)**

Application

**EP 00960476 A 20000817**

Priority

- DE 19945815 A 19990917
- EP 0008043 W 20000817

Abstract (en)

[origin: US6782813B1] A method for the production of printed surfaces which are fluorescent under ultraviolet (UV) light uses either a single color or four-color print process in which the base colors of yellow, blue and red and special color tones contain fluorescent pigments, which are not visible under normal light but visible under UV light, in a fixed ratio to the pigments which are colorfast under high intensity light. The method of this invention can be carried out easily to apply and the numerous printing steps previously required are avoided. One advantage is that pictures printed with fluorescent colors appear to give a complete three-dimensional effect at night under UV light with an authentic stepless color reproduction of all tones when daylight effect.

IPC 1-7

**B41M 3/06**; **B44F 1/10**; **G09F 3/02**; **G09F 3/10**

IPC 8 full level

**B41M 3/06** (2006.01); **B44F 1/10** (2006.01); **C09D 11/02** (2006.01); **G09F 3/02** (2006.01); **G09F 3/10** (2006.01)

CPC (source: EP US)

**B41M 3/06** (2013.01 - EP US); **B44F 1/10** (2013.01 - EP US)

Citation (search report)

See references of WO 0121415A1

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

**US 6782813 B1 20040831**; AT E263032 T1 20040415; AU 7277100 A 20010424; CN 1374907 A 20021016; DE 19945815 A1 20000608; DE 50005931 D1 20040506; EP 1230093 A1 20020814; EP 1230093 B1 20040331; ES 2218214 T3 20041116; JP 2003509257 A 20030311; WO 0121415 A1 20010329

DOCDB simple family (application)

**US 8839202 A 20020826**; AT 00960476 T 20000817; AU 7277100 A 20000817; CN 00812909 A 20000817; DE 19945815 A 19990917; DE 50005931 T 20000817; EP 0008043 W 20000817; EP 00960476 A 20000817; ES 00960476 T 20000817; JP 2001524814 A 20000817