

Title (en)

Tissue web, method for preparing and use of same.

Title (de)

Stoffbahn, Herstellung und Anwendung desselben.

Title (fr)

Bande de tissu, fabrication et emploi.

Publication

EP 0414015 A2 19910227 (EN)

Application

EP 90114995 A 19900803

Priority

- US 38903489 A 19890803
- US 51598290 A 19900427

Abstract (en)

Printing of tissue webs, such as those used for facial and bath tissue, with a colorant in an overall pattern of small colored areas wherein at least about 5 percent of the surface area of the overall pattern is covered by the small colored areas, provides an economical alternative to coloring tissue webs by dyeing all of the fibers of the tissue web at the wet end of the tissue process.

IPC 1-7

B41M 1/00; **B41M 1/36**; **B41M 3/00**

IPC 8 full level

A47K 10/16 (2006.01); **B41M 1/00** (2006.01); **B41M 1/36** (2006.01); **B41M 3/00** (2006.01); **D21H 27/02** (2006.01); **D21H 27/22** (2006.01)

CPC (source: EP KR)

B41M 1/00 (2013.01 - EP); **B41M 1/36** (2013.01 - EP KR); **B41M 3/00** (2013.01 - EP)

Cited by

EP1052539A1; EP0601517A3; US6780270B2; US7037575B2; US6477948B1; US6257410B1; US8951626B2; WO0136209A1; WO9744195A1; WO0214080A3; WO0214079A3

Designated contracting state (EPC)

AT BE CH DE DK ES FR GB GR IT LI LU NL SE

DOCDB simple family (publication)

EP 0414015 A2 19910227; **EP 0414015 A3 19910403**; AU 6009290 A 19910207; AU 635052 B2 19930311; CA 2022602 A1 19910204; JP H03193999 A 19910823; KR 910004370 A 19910328; PT 94891 A 19910418

DOCDB simple family (application)

EP 90114995 A 19900803; AU 6009290 A 19900801; CA 2022602 A 19900802; JP 20231490 A 19900730; KR 900011879 A 19900802; PT 9489190 A 19900802