

Title (en)
PROCESS FOR PRINTING A MATERIAL

Publication
EP 0227565 B1 19910911 (FR)

Application
EP 86440070 A 19860825

Priority
FR 8519523 A 19851227

Abstract (en)
[origin: EP0227565A2] The invention relates to a process for printing a material. <??>More specifically, it is concerned with a process by which a material is decorated with a multicoloured design consisting of an association of primary elementary forms, such as any geometrical forms, figures or letters, each having a primary colour, the multicoloured design being produced beforehand on a provisional support from inks capable of being transferred onto the material by heat and pressure. <??>According to the invention, a basic set of coloured sheets is formed by stacking one or more sheets covered on one flat face with sublimable ink, the set comprising at least one sheet of each primary colour of the final multicoloured design, the contours of the elementary forms of the decorative design are formed in relation to the outer contour of the material to be decorated by simultaneous cutting in each sheet of the set, all the sheets then each identically possessing precut zones corresponding to the elementary forms of the final design, the multicoloured decorative design is composed on a provisional support by a superposition and/or juxtaposition of the precut primary elementary forms, the primary elementary forms being taken from the sheet of corresponding primary colour, and the multicoloured design thus composed is transferred from the provisional support onto the material to be decorated, the provisional support and material being kept in intimate contact by pressure, and heating being carried out in such a way that there is a sublimation of the inks and an identified diffusion of the inks in the material.

IPC 1-7
B41M 5/035; **B44C 1/165**; **B44C 1/17**; **D06P 5/00**

IPC 8 full level
B41F 16/00 (2006.01); **B41F 16/02** (2006.01); **B41F 17/00** (2006.01); **B41M 5/035** (2006.01); **B44C 1/165** (2006.01); **B44C 1/17** (2006.01); **D06P 5/00** (2006.01); **D06P 5/28** (2006.01); **D06P 7/00** (2006.01)

IPC 8 main group level
B41M (2006.01); **B44C** (2006.01); **D06B** (2006.01); **D06P** (2006.01)

CPC (source: EP US)
B41M 5/035 (2013.01 - EP US); **B44C 1/165** (2013.01 - EP US); **B44C 1/1716** (2013.01 - EP US); **D06P 5/004** (2013.01 - EP US)

Cited by
DE4030045A1

Designated contracting state (EPC)
AT BE CH DE GB IT LI LU NL SE

DOCDB simple family (publication)
EP 0227565 A2 19870701; **EP 0227565 A3 19881214**; **EP 0227565 B1 19910911**; AT E67124 T1 19910915; AU 592197 B2 19900104; AU 7455587 A 19881222; CA 1274388 A 19900925; CA 1274388 C 19900925; CN 1030270 A 19890111; DE 3681421 D1 19911017; ES 2003902 A6 19881201; FR 2592338 A1 19870703; FR 2592338 B1 19880311; JP H0311626 B2 19910218; JP S62152854 A 19870707; US 4984517 A 19910115; ZA 874363 B 19880224

DOCDB simple family (application)
EP 86440070 A 19860825; AT 86440070 T 19860825; AU 7455587 A 19870622; CA 519362 A 19860929; CN 87105350 A 19870627; DE 3681421 T 19860825; ES 8602814 A 19861029; FR 8519523 A 19851227; JP 23939186 A 19861009; US 91292686 A 19860929; ZA 874363 A 19870617