

Title (en)

Apparatus for printing flat articles produced from wood-fibre material

Title (de)

Vorrichtung zum Bedrucken von flachen Werkstücken aus Holzwerkstoff

Title (fr)

Dispositif pour imprimer des articles plans en matériau dérivé du bois

Publication

EP 1500504 B1 20130327 (DE)

Application

EP 04015715 A 20040703

Priority

DE 10333626 A 20030724

Abstract (en)

[origin: EP1500504A2] A system for color printing onto flat panels, e.g. wooden effect panels, has the panels (4) moved through the separate color print stages on a horizontal feed (7). Each print stage is preceded by a sensor (8) which monitors the leading edge of the panels or checks print markings. The process control modulates the transport feed and/or the drives for the print rollers, to ensure accurate overlay for the separate print colors. The panels are transported separately and each print stage comprises a print roller (5), a print transfer roller (1) and a pressure roller (2), with the latter supporting the underside of the panels.

IPC 8 full level

B41F 17/26 (2006.01); **B41F 21/00** (2006.01)

CPC (source: EP US)

B41F 17/26 (2013.01 - EP US); **B41F 21/00** (2013.01 - EP US); **B41P 2213/90** (2013.01 - EP US)

Cited by

ITUB20150070A1; DE102016100146B3; EP2862715A3; CN110466267A; WO2008113825A3; WO2016184581A1; US11155024B2

Designated contracting state (EPC)

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EP 04015715 A 20040703; BR PI0403074 A 20040726; CN 200410054630 A 20040722; DE 10333626 A 20030724; ES 04015715 T 20040703; TW 93121789 A 20040721; US 89934104 A 20040726