

Title (en)

Use of decorative films

Title (de)

Verwendung von Dekorfolien

Title (fr)

Utilisation de feuilles décoratives

Publication

EP 1923223 A1 20080521 (DE)

Application

EP 07016957 A 20070830

Priority

DE 102006053622 A 20061114

Abstract (en)

Carrier paper (1) is fed to a lower end of printing rollers (3-5). Printing heads (6-8) on an ink-jet printer are aligned radially onto the upper end of each printing roller. The printing heads fire drops (10-12) of ink at the printing rollers at a speed of e.g. 6 milliseconds. The printing heads contain printing inks in basic colors like yellow, cyan or magenta so that the printing rollers are coated with drops of yellow, cyan or magenta ink, which are transferred from the printing rollers onto the carrier paper. An independent claim is also included for a device for carrying out the method of the present invention.

Abstract (de)

Zur Herstellung von Dekorfolien wird ein Tintenstrahldrucker verwendet, der einen umlaufenden endlosen Farbträger bedruckt, der die Farbe auf einen saugfähigen folienförmigen Bedruckstoff überträgt.

IPC 8 full level

B41J 3/407 (2006.01); **B44F 9/00** (2006.01)

CPC (source: EP)

B41J 2/0057 (2013.01); **B41J 3/407** (2013.01); **B44C 1/165** (2013.01); **B41M 5/0256** (2013.01)

Citation (search report)

- [DX] DE 10245066 A1 20030417 - NEXPRESS SOLUTIONS LLC [US]
- [X] DE 2329117 A1 19740117 - HERTZ CARL H
- [X] US 4543157 A 19850924 - JONES HAROLD R [US], et al
- [X] JP 2000355157 A 20001226 - RICOH KK
- [A] WO 0148333 A1 20010705 - PERSTORP FLOORING AB [SE]

Cited by

EP2181855A1; DE102008054236A1; DE102010010785A1; DE102010010785B4; US2013088556A1; US9487044B2; WO2011110381A3; US10124603B2; US10994555B2; US11613133B2; US11794460B2; US10214028B2; US10549550B2; US10807385B2; US10814648B1; US11446938B2; US11987044B2; US10471769B2; US10906349B2; US11465439B2; US11878548B2; EP2695745B1

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AL BA HR MK RS

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