

Title (en)

Method for manufacturing flat building materials and printing paper having a decorative print.

Title (de)

Verfahren zum Herstellen von flächigen Bauteilen

Title (fr)

Procédé de fabrication d'éléments plats et papier d'impression imprimé avec un décor.

Publication

EP 2727740 B2 20180808 (DE)

Application

EP 14153232 A 20090623

Priority

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- EP 09772105 A 20090623
- EP 2009004501 W 20090623

Abstract (en)

[origin: WO2010000405A1] The invention relates to a method for imprinting printing paper (2) off the reel with a decor comprising at least one decor image for use on flat components, particularly for floor, wall, ceiling or furniture applications, wherein a predetermined print image is specified on a paper section (3, 4, 5) of the printing paper (2) with a predetermined length smaller than 5 m. In order to provide a cost-effective printing method, the invention provides for the printing paper (2) to be imprinted by a digital printing device using a digital printing method and the paper section (3, 4, 5) following the paper section (3, 4, 5) to comprise another, further decor image than the decor image of the previous paper section (3, 4, 5).

IPC 8 full level

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CPC (source: EP)

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Citation (opposition)

Opponent :

- DE 102006057961 A1 20080612 - BAUER JOERG R [DE]
- DE 19963084 A1 20010628 - BORNSCHLEGEL BERND [DE]
- EP 2132042 A1 20091216 - HUELSTA WERKE HUELS KG [DE]
- DE 69729013 T2 20050407 - PERGO EUROP AB TRELLEBORG [SE]
- EP 1748676 A2 20070131 - HOSIDEN CORP [JP]
- EP 1044822 A1 20001018 - TECHNOCELL DEKOR GMBH & CO KG [DE]
- DE 10115567 C1 20020814 - KRONOTEC AG [CH]
- WO 2008110275 A1 20080918 - HUELSTA WERKE HUELS KG [DE], et al
- "Inkjet-Farbdruckmaschine weiterentwickelt" Fachartikel, EUWID Papier und Zellstoff, Seite 18, Ausgabe Nr. 18, 28.04.2004
- "Industrial digital press for decorative printing", Eric van Lancker, Freddy Dolhen, Dpp2001: International Conference on digital production printing and industrial applications, S. 262, Mai 13-16, 2001, ISBN: 0-89208-233-X
- "Die Zeichen stehen auf Digitaldruck", Messebericht Drupa 2004, online Monatsjournal, Druck & Medien, 08.06.2004

Cited by

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DOCDB simple family (publication)

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