

Title (en)

METHOD FOR PRODUCING A DECORATIVE MULTI-PLY PAPER PRODUCT AND SUCH A MULTI-PLY PAPER PRODUCT

Title (de)

VERFAHREN ZUR HERSTELLUNG EINES DEKORATIVEN MEHRLAGIGEN PAPIERPRODUKTS UND SOLCH EIN MEHRLAGIGES PAPIERPRODUKT

Title (fr)

PROCÉDÉ POUR PRODUIRE UN PRODUIT EN PAPIER À PLUSIEURS PLIS DÉCORATIF, ET CE PRODUIT EN PAPIER À PLUSIEURS PLIS

Publication

**EP 2051846 B1 20111019 (EN)**

Application

**EP 06776924 A 20060817**

Priority

EP 2006008124 W 20060817

Abstract (en)

[origin: WO2008019702A1] The idea of the present invention is to provide a decorative embossing which is constituted of at least a first decorative embossing pattern (37) and a second decorative embossing pattern (38). In this context, the protuberances of the first decorative embossing pattern (37) on the embossing roll (31) have a larger height than the protuberances of the second decorative embossing pattern (38) on the embossing roll (31). Correspondingly, the bosses of the first decorative embossing imparted to at least one ply of the multi-ply paper product are larger than the bosses of the second decorative embossing imparted to the at least one ply of the multi-ply paper product. Because of this configuration, glue may only be applied on top of the bosses of the first decorative embossing so that ply bonding is only achieved at these sites or locations by means of the applied adhesive. Therefore, the first design elements corresponding to the first decorative embossing, and the second design elements corresponding to the second decorative embossing, are decoupled. A first design element, therefore, may be adapted to the required glued area in view of the ply bonding to be achieved as well as the properties to be achieved in regard of softness and bulk, etc., whereas the second design elements may substantially freely be varied.

IPC 8 full level

**B31F 1/07** (2006.01)

CPC (source: EP)

**B31F 1/07** (2013.01); **D21H 27/40** (2013.01); **B31F 2201/0733** (2013.01); **B31F 2201/0738** (2013.01); **B31F 2201/0761** (2013.01); **B31F 2201/0787** (2013.01); **D21H 27/002** (2013.01)

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

**WO 2008019702 A1 20080221**; AT E529252 T1 20111115; EP 2051846 A1 20090429; EP 2051846 B1 20111019; ES 2371663 T3 20120105

DOCDB simple family (application)

**EP 2006008124 W 20060817**; AT 06776924 T 20060817; EP 06776924 A 20060817; ES 06776924 T 20060817