

Title (en)
METHOD OF PRODUCING PAPER OR CARDBOARD

Title (de)
VERFAHREN ZU HERSTELLUNG VON PAPIER ODER KARTON

Title (fr)
PROCEDE DE PRODUCTION DE PAPIER OU DE CARTON

Publication
EP 1834041 A4 20100331 (EN)

Application
EP 05823380 A 20051230

Priority
• FI 2005000562 W 20051230
• FI 20041706 A 20041231

Abstract (en)
[origin: WO2006070064A1] Method of coating paper or cardboard webs. The method comprises the steps of applying a coating colour onto a smooth surface to form a first layer, drying the first layer at least partially, applying at least one second coating colour with different coating mineral particles on top of the first layer to form at least one second layer, which contains an amount of binding polymer, partially drying the second layer on the first layer to form a combined layer, and transferring the combined layer onto the paper or card-board web. By means of the invention it is possible to transfer the coating curtain onto the web without interference from any unevenness or air streams associated with the moving web.

IPC 8 full level
D21H 23/60 (2006.01); **B05D 1/28** (2006.01); **B05D 7/00** (2006.01); **D21H 23/52** (2006.01); **D21H 23/70** (2006.01); **B05C 1/08** (2006.01); **B05C 5/00** (2006.01); **B05C 9/04** (2006.01); **B05C 9/06** (2006.01); **D21H 19/82** (2006.01)

CPC (source: EP FI)
B05D 1/28 (2013.01 - EP FI); **B05D 7/5823** (2013.01 - EP); **D21H 23/52** (2013.01 - EP); **D21H 23/60** (2013.01 - FI); **D21H 23/70** (2013.01 - FI); **B05C 1/0826** (2013.01 - EP); **B05C 5/008** (2013.01 - EP); **B05C 9/04** (2013.01 - EP); **B05C 9/06** (2013.01 - EP); **B05D 2252/10** (2013.01 - EP); **D21H 19/82** (2013.01 - EP); **D21H 23/60** (2013.01 - EP)

Citation (search report)
• [DY] US 6645335 B1 20031111 - DETTLING BERNHARD [FR], et al
• [Y] JP 2002266292 A 20020918 - ISHIKAWAJIMA HARIMA HEAVY IND
• See references of WO 2006070064A1

Cited by
DE102009012920A1

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 2006070064 A1 20060706; EP 1834041 A1 20070919; EP 1834041 A4 20100331; FI 121086 B 20100630; FI 20041706 A0 20041231; FI 20041706 A 20060701

DOCDB simple family (application)
FI 2005000562 W 20051230; EP 05823380 A 20051230; FI 20041706 A 20041231