

Title (en)

METHOD FOR PRODUCING A COATED PAPER, PAPERBOARD OR OTHER FIBROUS WEB

Title (de)

VERFAHREN ZUR HERSTELLUNG EINER BESCHICHTETEN PAPIER-, KARTON- ODER ANDEREN FASERSTOFFBAHN

Title (fr)

PROCEDE DE FABRICATION D'UNE NAPPE REVETUE DE PAPIER, DE CARTON OU D'AUTRES MATERIAUX FIBREUX

Publication

EP 2066841 A1 20090610 (DE)

Application

EP 07820018 A 20070904

Priority

- EP 2007059200 W 20070904
- DE 102006044822 A 20060920

Abstract (en)

[origin: WO2008034713A1] The invention relates to a method for producing a coated paper, paperboard or other fibrous web, having the following steps: web formation from a fibrous material mixture, having a headbox (2) and a wire section (3), dewatering in a pressing section (4), drying in a drying section (6) which comprises drying cylinders (5), in order to dry the fibrous web (7) which is formed at least as far as a residual moisture content, application of a simultaneous precoating to both web sides (7a; 7b) by way of a size or film press (8) for applying starch or pigment-containing application medium, afterdrying with contactless dryers (9) and an afterdrying section (11) which comprises drying cylinders (10), and presmoothing (12) by way of a soft nip or hard nip calender (12a), reeling (25). According to the invention, a pigment-containing application medium (13) is applied to only one web side (7a) of the fibrous web (7) in an online process after the presmoothing (12), for which purpose a first coating device, for example a film coater (14), is used for applying the application medium (13) indirectly by means of an applicator roll (14a) and/or a second coating device, for example a blade coater (15), is used for applying the application medium (13) directly, and wherein both abovementioned coating devices or coaters (14; 15) can be operated as desired and the fibrous web (7) in the process maintains a predefined web running path which extends as far as over subsequent stationary, contactless drying (17).

IPC 8 full level

D21H 23/24 (2006.01); **D21H 23/32** (2006.01); **D21H 23/34** (2006.01); **D21H 23/52** (2006.01)

CPC (source: EP)

D21H 23/74 (2013.01); **D21H 23/30** (2013.01); **D21H 23/32** (2013.01); **D21H 23/52** (2013.01)

Citation (search report)

See references of WO 2008034713A1

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 MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK RS

DOCDB simple family (publication)

WO 2008034713 A1 20080327; AT E550488 T1 20120415; DE 102006044822 A1 20080403; EP 2066841 A1 20090610; EP 2066841 B1 20120321; JP 2010504442 A 20100212

DOCDB simple family (application)

EP 2007059200 W 20070904; AT 07820018 T 20070904; DE 102006044822 A 20060920; EP 07820018 A 20070904; JP 2009528671 A 20070904