

Title (en)

METHOD FOR PRODUCING A WOOD-FREE COATED, MATTE OR SEMI-MATTE PAPER WEB

Title (de)

VERFAHREN ZUR HERSTELLUNG EINER HOLZFREIEN GESTRICHENEN, MATTEN ODER HALBMATTEN PAPIERBAHN

Title (fr)

PROCEDE POUR PRODUIRE UNE BANDE DE PAPIER SANS BOIS, MAT OU SEMI-MAT, ET COUCHE

Publication

**EP 1711657 B1 20100609 (DE)**

Application

**EP 04804965 A 20041221**

Priority

- EP 2004053630 W 20041221
- DE 102004003921 A 20040127

Abstract (en)

[origin: WO2005071158A1] The invention relates to a method for producing a wood-free coated, matte or semi-matte paper web (1). The paper web (1) is precalendered by means of at least one device (11) for precalendering, coated at least on one side by means of at least one device (12) for applying a liquid or pasty coating medium and then dried by means of at least one device (13) for drying, thereby producing a wood-free coated, matte or semi-matte paper web (1) having a roughness in the range of from 0.8 to 3.9  $\mu\text{m}$  [PPS] and a gloss in the range of from 3 to 35 % [TAPPI 75 DEG]. The invention also relates to a system (10) for carrying out the inventive method.

IPC 8 full level

**D21F 11/00** (2006.01); **D21F 5/18** (2006.01); **D21F 9/00** (2006.01); **D21G 1/00** (2006.01); **D21H 23/30** (2006.01); **D21H 11/02** (2006.01); **D21H 23/48** (2006.01)

CPC (source: EP US)

**D21F 5/18** (2013.01 - EP US); **D21F 9/003** (2013.01 - EP US); **D21F 11/00** (2013.01 - EP US); **D21G 1/00** (2013.01 - EP US); **D21H 23/30** (2013.01 - EP US); **D21H 11/02** (2013.01 - EP US); **D21H 23/48** (2013.01 - EP US)

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 MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

**WO 2005071158 A1 20050804**; AT E470754 T1 20100615; BR PI0418055 A 20070417; DE 102004003921 A1 20051124; DE 502004011273 D1 20100722; EP 1711657 A1 20061018; EP 1711657 B1 20100609; US 2007166462 A1 20070719; US 2010006251 A1 20100114

DOCDB simple family (application)

**EP 2004053630 W 20041221**; AT 04804965 T 20041221; BR PI0418055 A 20041221; DE 102004003921 A 20040127; DE 502004011273 T 20041221; EP 04804965 A 20041221; US 56172309 A 20090917; US 58761704 A 20041221