Title (en)

METHOD AND APPARATUS FOR TREATING THE SURFACE OF A WEB

Title (de)

VERFAHREN UND VORRICHTUNG ZUR BEHANDLUNG DER OBERFLÄCHE EINES BANDES

Title (fr)

PROCEDE ET APPAREIL DE TRAITEMENT DE LA SURFACE D'UNE BANDE

Publication

EP 1099025 A1 20010516 (EN)

Application

EP 99931318 A 19990622

Priority

- FI 9900546 W 19990622
- FI 981429 A 19980622

Abstract (en)

[origin: WO9967466A1] In the method for treating the surface of the web, liquid is added on the surface of a paper or paperboard web (W), possibly with other constituents. The absorbency of the surface of the paper or paperboard web is increased before liquid is brought on the surface of the web or simultaneously with bringing the liquid on the surface of the web. The method is used for wetting the surface of the web before calendering, or for coating the web in surface sizing or pigmenting. The absorbency of the surface is increased before bringing the liquid for example by means of a corona treatment, a flame treatment, an ozonization or by adding steam.

IPC 1-7 (main, further and additional classification)

D21H 23/30; D21H 25/04

IPC 8 full level (invention and additional information)

D21H 23/30 (2006.01); D21H 23/26 (2006.01)

CPC (invention and additional information)

D21H 23/30 (2013.01); D21H 23/26 (2013.01)

Citation (search report)

See references of WO 9967466A1

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family

WO 9967466 A1 19991229; AT 455903 T 20100215; AU 4786999 A 20000110; CA 2335631 A1 19991229; CA 2335631 C 20060919; DE 69941955 D1 20100311; EP 1099025 A1 20010516; EP 1099025 B1 20100120; FI 113791 B 20040615; FI 981429 A0 19980622; FI 981429 A 19991223; US 2005098284 A1 20050512