

Title (en)

Method for treating a cardboard web

Title (de)

Verfahren zum Behandeln einer Kartonbahn

Title (fr)

Procédé de traitement d'une bande de carton

Publication

EP 1467020 B1 20110119 (DE)

Application

EP 04101459 A 20040408

Priority

DE 10316851 A 20030411

Abstract (en)

[origin: EP1467020A1] In a process to modify the print characteristics of a carton web, the web (2) is calandered in a wide nip (5) to a micro-roughness of no more than 6 m. The web is subject to a further calander process between the wide nip and first-stage coating process (19). The carton web is moistened prior to the wide nip (5). While passing through the wide nip the carton is heated to at least 100C. Prior to the wide nip a bonding agent is applied to the carton web surface, bringing the carton COBB liquid absorption capacity to no more than 50 g H₂O/m in a period of 60 s on a surface area of 100 cm. The bonding agent is applied in a continuous process. The carton is subsequently coated using ink or dye of 15 g/m or more and having a water retention value of 50 to 80 s. The nip (15) is formed by the interface between a hard surface and a soft surface.

IPC 8 full level

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