

Title (en)

Process for increasing the softness of base webs

Title (de)

Verfahren zum Erhöhen der Weichheit von Grundbahnen

Title (fr)

Procédé permettant d'augmenter la souplesse de bandes de base

Publication

EP 1657052 A1 20060517 (EN)

Application

EP 06000173 A 20010511

Priority

- EP 01933422 A 20010511
- US 20408300 P 20000512

Abstract (en)

A process for increasing the tactile properties of a base web without adversely effecting the strength of the web is disclosed. In one embodiment, the process includes the steps of placing a base web between a first moving conveyor (60) and a second moving conveyor (62). The conveyors are then wrapped around a shear-inducing roll (64) which creates shear forces that act upon the base web. The shear forces disrupt the web, increasing the softness and decreasing the stiffness of the web. The shear-inducing roll (64) typically has a relatively small diameter. In some applications, more than one shear-inducing roll may be incorporated into the system. Base webs made according to the present invention have been found to have improved void-volume and fuzz-on-edge properties.

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

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