

Title (en)

Absorbent product with elevated CD stretch and low tensile ratios made with a high solids fabric crepe process

Title (de)

Absorbierendes Artikel mit Tuchkreppverfahren bei hohem Feststoffgehalt hergestellte Gewebe- und Tuchprodukte mit erhöhter CD-Dehnung und geringem Spannungsverhältnis

Title (fr)

Produit absorbant ayant une extensibilité en sens travers élevée et un rapport de traction faible, réalisé au moyen d'un procédé de crépage de tissu à teneur élevée en matière solide

Publication

EP 2492393 A1 20120829 (EN)

Application

EP 12001672 A 20050412

Priority

- EP 05733808 A 20050412
- US 56202504 P 20040414

Abstract (en)

An absorbent sheet of cellulosic fibers includes a mixture of hardwood fibers and softwood fibers arranged in a reticulum having: (i) a plurality of pileated fiber enriched regions of relatively high local basis weight interconnected by way of (ii) a plurality of lower local basis weight linking regions whose fiber orientation is biased along the machine direction between pileated regions interconnected thereby, wherein the sheet exhibits a % CD stretch which is at least about 2.75 times the dry tensile ratio of the sheet. Tensile ratios of from about 0.4 to about 4 are readily achieved.

IPC 8 full level

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