

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 crêpage de tissu à teneur élevée en matière solide

Publication

EP 2492393 B1 20160706 (EN)

Application

EP 12001672 A 20050412

Priority

- EP 05733808 A 20050412
- US 56202504 P 20040414

Abstract (en)

[origin: WO2005106117A1] 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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WO 2005106117 A1 20051110; CA 2559526 A1 20051110; CA 2559526 C 20130723; CN 100587158 C 20100203; CN 101575823 A 20091111; CN 101575823 B 20110629; CN 1942626 A 20070404; CY 1117270 T1 20170426; CY 1118013 T1 20170517; DK 1735496 T3 20151123; DK 2492393 T3 20160912; EG 24371 A 20090316; EP 1735496 A1 20061227; EP 1735496 B1 20151014; EP 2492393 A1 20120829; EP 2492393 B1 20160706; ES 2552762 T3 20151202; ES 2590139 T3 20161118; HK 1095861 A1 20070518; HK 1168395 A1 20121228; HU E026574 T2 20160628; HU E030454 T2 20170529; IL 177760 A0 20061231; IL 177760 A 20101230; IL 203346 A 20110731; LT 2492393 T 20160926; NO 20065220 L 20070115; NO 20170506 A1 20070115; NO 340490 B1 20170502; PL 1735496 T3 20160129; PL 2492393 T3 20161230; PT 1735496 E 20151123; PT 2492393 T 20160902; RU 2006140088 A 20080520; RU 2365326 C2 20090827; SI 1735496 T1 20160229; SI 2492393 T1 20170131; TN SN06280 A1 20071203

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