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(21) International Application Number: PCT/US99/21498 (22) International Filing Date: 17 September 1999 (17.09.99) (30) Priority Data: 09/163,987 30 September 1998 (30.09.98) US (71) Applicant: KIMBERLY-CLARK WORLDWIDE, INC. [US/US]; 401 North Lake Street, Neenah, WI 54956 (US). (72) Inventors: HSU, Jay, Chiehlung; 615 Portico Point, Alpharetta, GA 30202 (US). LAKHANI, Nauman, Noorali; 610 Camber Woods Drive, Roswell, GA 30076 (US). (74) Agents: SIDOR, Karl, V. et al.; 401 N. Lake Street, Neenah, WI 54956 (US).		(81) Designated States: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, UZ, VN, YU, ZA, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG). Published <i>With international search report.</i> <i>Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.</i>
(54) Title: A SANITARY PAPER PRODUCT MADE BY MODIFYING COARSE FIBERS AND PROCESS THEREOF (57) Abstract A method of making sanitary paper products from coarse fibers. The method includes the steps of: (a) pulping coarse fibers in water with agitation to produce a pulp slurry, the pulp from the coarse fibers having an average fines content of greater than about 40 %; (b) using an effective amount of pulp washing to reduce the fines content and increase the Canadian Standard Freeness; (c) introducing the pulp at a papermaking consistency into the headbox of a paper making machine; and (d) utilizing the pulp in a paper making process to produce sanitary paper products.		