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(21) International Application Number: PCT/US98/21965 ✓ (22) International Filing Date: 16 October 1998 (16.10.98) ✓ (30) Priority Data: ① 60/062,975 ✓ 17 October 1997 (17.10.97) ✓ US ✓ ② 09/111,005 ✓ 7 July 1998 (07.07.98) ✓ US ✓ (71) Applicant: ① KIMBERLY-CLARK WORLDWIDE, INC. ✓ [US/US]; 401 North Lake Street, Neenah, WI 54956 (US). ✓ (72) Inventor: ① WATTS, Hugo, Paul; ✓ 23 Cae Gwyn, Llanferres, ✓ Mold, Denbigshire CH7 5SL (GB). ✓ (74) Agents: SIDOR, Karl, V. et al.; Kimberly-Clark Worldwide, ✓ Inc., 401 North Lake Street, Neenah, WI 54956 (US).		(81) Designated States: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, GM, HR, HU, ID, IL, 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, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SZ, 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 With international search report. ✓ 2 PDS 1 appl. ⁿ 1 Inv. IPC = D04H1/64, D04H1/54, 2 IPER D04H1/46, D04H3/02 19/4/99
(54) Title: TEXTURED NONWOVEN COMPOSITE MATERIAL AND METHOD FOR MAKING THE SAME ✓		
(57) Abstract A method of making a textured nonwoven composite material. The method includes the steps of: providing a hydraulically entangled web containing a fibrous component and a nonwoven layer of substantially continuous filaments; applying a binder material to at least one side of the web; and compacting the web along at least one of its planar dimensions to increase its thickness and impart texture. The binder material may be an aqueous mixture including a curable latex polymer, a pigment, and a cure promoter. Also disclosed is a textured nonwoven composite material made of a hydraulically entangled web including a fibrous component; a nonwoven layer of substantially continuous filaments; and regions containing binder material covering at least a portion of at least one side of the composite material, in which the web has been compacted along at least one of its planar dimensions to increase its thickness and impart texture.		