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(21) International Application Number: PCT/US98/04674 (22) International Filing Date: 10 March 1998 (10.03.98) (30) Priority Data: 60/048,080 30 May 1997 (30.05.97) US (71) Applicant: THE DOW CHEMICAL COMPANY [US/US]; 2030 Dow Center, Midland, MI 48674 (US). (72) Inventors: PETERSON, Curtis, E.; 2000 Candlestick Lane, Midland, MI 48642 (US). HUANG, Yi-Bin; 5405 Wall- bridge Lane, Midland, MI 48640 (US). VOSSEN, Roel, H.; Handelstraat #3, NL-4561 VM Hulst (NL). MOSES, Paul, J., Jr.; 125 Dewberry Drive, Lake Jackson, TX 77566 (US). (74) Agent: ZETTLER, Lynn, M.; Patent Dept., P.O. Box 1967, Midland, MI 48641-1967 (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, GW, 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, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG). Published <i>With international search report.</i>
(54) Title: FIBERS MADE FROM LONG CHAIN BRANCHED SYNDIOTACTIC VINYL AROMATIC POLYMERS (57) Abstract Fibers having increased strength and small diameters can be produced from compositions comprising long chain branched syndiotactic vinyl aromatic polymers. Due to the increased fiber strength, less strand breakage occurs during processing which increases process productivity and yield.		