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(21) International Application Number: PCT/US98/21536 (22) International Filing Date: 13 October 1998 (13.10.98) (30) Priority Data: 08/953,318 17 October 1997 (17.10.97) US (71) Applicant: HERCULES INCORPORATED [US/US]; Hercules Plaza, 1313 North Market Street, Wilmington, DE 19894-0001 (US). (72) Inventor: SAU, Arjun, Chandra; 521 Landwater Drive, Thistleberry Farms, Newark, DE 19711 (US). (74) Agent: SZANTO, Ivan, G.; Hercules Incorporated, Hercules Plaza, 1313 North Market Street, Wilmington, DE 19894-0001 (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 <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: FINE PARTICLE SIZE LOW BULK DENSITY THERMOPLASTIC POLYMERS (57) Abstract Fine particulate thermoplastic polymers [e.g., hydrophobically modified polyether-polyurethanes, polyacrylates, polyvinyl alcohol, polyether-polyols, polyacrylamide, aminoplast-polyethers and poly(acetal- or ketal-polyethers)] having reduced bulk density, process of making same by dissolving the polymer and rapidly insolubilizing the polymer from the solution and process of using aqueous suspensions of such polymers as thickeners for aqueous systems.		