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(21) International Application Number: PCT/US99/18809 (22) International Filing Date: 17 August 1999 (17.08.99) (30) Priority Data: 60/097,119 19 August 1998 (19.08.98) US (71) Applicant (for all designated States except US): THE DOW CHEMICAL COMPANY [US/US]; 2030 Dow Center, Midland, MI 48674 (US). (72) Inventors; and (75) Inventors/Applicants (for US only): GRUENBAUER, Henri, J., M. [NL/NL]; Schorpioen 45, NL-4501 HC Oostburg (NL). BROOS, Jacques, A., F. [NL/NL]; Karel Doormanlaan 43, NL-4535 BP Terneuzen (NL). VAN VOORST, Ronald [NL/NL]; Elzenstraat 50, NL-4581 AW Vogelwaard (NL). (74) Agent: SIMS, Norman, L.; The Dow Chemical Company, Patent Department, P.O. Box 1967, Midland, MI 48641-1967 (US).		(81) Designated States: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, 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, US, UZ, YU, ZA, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SL, 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: PROCESS FOR PREPARING NANOSIZE METAL OXIDE POWDERS		
(57) Abstract Disclosed is a process for preparing nanoscale metal-based powders from a metal salt and an amphiphilic copolymer containing ethylene oxide. The copolymer and metal salt are mixed to form a metal salt/copolymer paste which is then calcined at a temperature sufficient to remove water and organics and to form a metal oxide.		