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(21) International Application Number: PCT/US98/24024 (22) International Filing Date: 10 November 1998 (10.11.98) (30) Priority Data: 60/064,655 10 November 1997 (10.11.97) US (71) Applicant: MEMORIAL SLOAN-KETTERING CANCER CENTER [US/US]; 1275 York Avenue, New York, NY 10021 (US). (72) Inventors: WARRELL, Raymond, P., Jr.; 6 Kimball Circle, Westfield, NJ 07090 (US). PANDOLFI, Pier, Paolo; 303 E. 60th Street, New York, NY 10022 (US). GABRILOVE, Janice, L.; 25 E. 86th Street, New York, NY 10028 (US). (74) Agents: POISSANT, Brian, M. et al.; Pennie & Edmonds LLP, 1155 Avenue of the Americas, New York, NY 10036 (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, GD, 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>
(54) Title: PROCESS FOR PRODUCING ARSENIC TRIOXIDE FORMULATIONS AND METHODS FOR TREATING CANCER USING ARSENIC TRIOXIDE OR MELARSOPROL (57) Abstract The invention relates to the use of arsenic compounds to treat a variety of leukemia, lymphoma and solid tumors. Further, the arsenic compounds may be used in combination with other therapeutic agents, such as a retinoid. The invention also provides a process for producing arsenic trioxide formulations.		