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(21) International Application Number: PCT/US98/25493 (22) International Filing Date: 2 December 1998 (02.12.98) (30) Priority Data: 60/068,193 19 December 1997 (19.12.97) US (71) Applicant (for all designated States except US): WARNER-LAMBERT COMPANY [US/US]; 201 Tabor Road, Morris Plains, NJ 07950 (US). (72) Inventors; and (75) Inventors/Applicants (for US only): McCABE, Richard, Joseph [US/US]; 16 East 29th Street, Holland, MI 49423 (US); NANNINGA, Thomas, Norman [US/US]; 346 N. 145th Avenue, Holland, MI 49423 (US); BOSCH, Robert, Lee [US/US]; 10994 68th Avenue, Allendale, MI 49401 (US); STAHL, Robert, Joseph [US/US]; 227 Little Station, Holland, MI 49424 (US). (74) Agents: RYAN, M., Andrea; Warner-Lambert Company, 201 Tabor Road, Morris Plains, NJ 07950 (US) et al.		(81) Designated States: AL, AU, BA, BB, BG, BR, CA, CN, CU, CZ, EE, GE, HR, HU, ID, IL, IS, JP, KP, KR, LC, LK, LR, LT, LV, MG, MK, MN, MX, NO, NZ, PL, RO, SG, SI, SK, SL, TR, TT, UA, US, UZ, VN, YU, 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</i> <i>claims and to be republished in the event of the receipt of</i> <i>amendments.</i>
(54) Title: PROCESS FOR THE SYNTHESIS OF 1,3-DIOLS (57) Abstract An improved process for the preparation of cis-1,3-diols is described where a beta hydroxy ketone is treated with a trialkylborane or dialkylalkoxyborane or a mixture of a trialkylborane and a dialkylalkoxyborane followed by recovery and reuse of the alkylborane species to convert additional beta hydroxy ketone to the cis-1,3-diol.		