

PCTWORLD INTELLECTUAL PROPERTY ORGANIZATION
International Bureau9901716-2
1105

INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification 6 : C07C 213/00, A61K 31/135, 31/54	A1	(11) International Publication Number: WO 98/22426 (43) International Publication Date: 28 May 1998 (28.05.98)
(21) International Application Number: PCT/SE97/01926 (22) International Filing Date: 18 November 1997 (18.11.97) (30) Priority Data: 9604253-6 20 November 1996 (20.11.96) SE (71) Applicant (for all designated States except US): ASTRA AKTIEBOLAG [SE/SE]; S-151 85 Södertälje (SE). (72) Inventors; and (75) Inventors/Applicants (for US only): PALMER, Sven [SE/SE]; Rosenlundsvägen 28, VI, S-151 30 Södertälje (SE). SIDEN- QVIST, Michael [SE/SE]; Ålstigen 46, S-151 39 Södertälje (SE). (74) Agent: ASTRA AKTIEBOLAG; Patent Dept., S-151 85 Södertälje (SE).		(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, 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, US, UZ, VN, YU, ZW, ARIPO patent (GH, 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: NEW MANUFACTURING PROCESS OF METOPROLOL (57) Abstract A method for the manufacture of metoprolol wherein the process is performed in water as solvent.		