

9801898-9
pos's copy 6



PCT

WORLD INTELLECTUAL PROPERTY ORGANIZATION
International Bureau

INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification ⁶ : C07C 17/278, 19/01	A1	(11) International Publication Number: WO 97/07083 (43) International Publication Date: 27 February 1997 (27.02.97)
(21) International Application Number: PCT/US96/12341 (22) International Filing Date: 26 July 1996 (26.07.96) (30) Priority Data: 08/514,545 14 August 1995 (14.08.95) US (71) Applicant: ALLIEDSIGNAL INC. [US/US]; 101 Columbia Road, P.O. Box 2245, Morristown, NJ 07962-2245 (US). (72) Inventors: RYGAS, Tadeusz, Piotr; 6 West Lynn Street, St. Catharines, Ontario L2N 3N7 (CA). TUNG, Hsueh, Sung; 16 Vassar Drive, Getzville, NY 14068 (US). SMITH, Addison, Miles; 80 Berryman Drive, Amherst, NY 14226 (US). (74) Agent: CRISS, Roger, H.; AlliedSignal Inc., Law Dept. C.A. McNally, 101 Columbia Road, P.O. Box 2245, Morristown, NJ 07962-2245 (US).		(81) Designated States: AL, AM, AU, AZ, BB, BG, BR, BY, CA, CN, CZ, EE, GE, HU, IL, IS, JP, KE, KG, KP, KR, KZ, LK, LR, LS, LT, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, RO, RU, SD, SG, SI, SK, TJ, TM, TR, TT, UA, UG, UZ, VN, ARIPO patent (KE, LS, MW, SD, SZ, UG), 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: PROCESS FOR THE PREPARATION OF HALOGENATED ALKANES		
(57) Abstract A process for the preparation of halogenated alkanes is provided . In particular, a process is provided for the highly selective preparation of haloalkanes, including 1,1,1,3,3-pentachloropropane, pentachlorobutane, and heptachlorohexane, in good yield.		