

PCT

WORLD INTELLECTUAL PROPERTY ORGANIZATION
International Bureau



9704089-1
1995 copy

INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification ⁶ : C08G 67/02		A1	(11) International Publication Number: WO 98/42770
			(43) International Publication Date: 1 October 1998 (01.10.98)
(21) International Application Number: PCT/EP98/01896		(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, GM, GW, 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, 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).	
(22) International Filing Date: 23 March 1998 (23.03.98)			
(30) Priority Data: 97200868.4 24 March 1997 (24.03.97) EP (34) Countries for which the regional or international application was filed: GB et al. 97309094.7 12 November 1997 (12.11.97) EP (34) Countries for which the regional or international application was filed: GB et al.			
(71) Applicant: SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V. [NL/NL]; Carel van Bylandtlaan 30, NL-2596 HR The Hague (NL).		Published <i>With international search report. Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.</i>	
(72) Inventors: BROEKHUIS, Antonius, Augustinus; Badhuisweg 3, NL-1031 CM Amsterdam (NL). FRERIKS, Jan; Badhuisweg 3, NL-1031 CM Amsterdam (NL). WONG, Pui, Kwan; 6431 Mercer Street, Houston, TX 77005 (US).			

(54) Title: **POLYMERIC AMINES**

(57) Abstract

Polymeric amines that have N-substituted 2,5-pyrrolediyl groups incorporated in the backbone wherein the N-substituted 2,5-pyrrolediyl group may be represented by general formula (I), wherein R independently represents a hydrogen atom or a hydrocarbyl group and wherein B represents the substituent containing at least one primary amino group.

