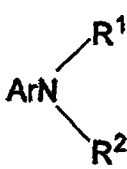




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(21) International Application Number: PCT/AU00/00029 (22) International Filing Date: 20 January 2000 (20.01.00) (30) Priority Data: PP 8264 20 January 1999 (20.01.99) AU (71) Applicant (for all designated States except US): ORICA AUSTRALIA PTY. LTD. [AU/AU]; 1 Nicholson Street, Melbourne, VIC 3000 (AU). (72) Inventors; and (75) Inventors/Applicants (for US only): RITCHIE, Philip, John, Allan [AU/AU]; 6 The Avenue, Balaclava, VIC 3183 (AU). SERELIS, Algirdas, Kazimieras [AU/AU]; 40 Alvie Road, Mount Waverley, VIC 3149 (AU). LEARY, Bruce [AU/AU]; 6E/9 Beach Street, Port Melbourne, VIC 3207 (AU). (74) Agents: CAINE, Michael, James et al.; Davies Collison Cave, 1 Little Collins Street, Melbourne, VIC 3000 (AU).		(81) Designated States: AB, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SL, SZ, TZ, 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: INITIATING SYSTEM FOR SOLID POLYESTER GRANULE MANUFACTURE		
 (I)		
(57) Abstract The invention relates to the use of a diacyl peroxide in combination with an aromatic amine of formula (I) where R¹ is C₁-C₂₀ alkyl having at least one hydroxy substituent or -(CHR'CHR'-O)_nH where n is 1 to 10 and each R' is independently selected from H and C₁-C₃ alkyl; R² is C₁-C₂₀ alkyl optionally substituted with one or more hydroxy groups, or -(CHR'CHR'-O)_nH where n=1 to 10; and each R is independently selected from H and C₁-C₃ alkyl; and Ar is an optionally substituted aryl group; as a redox initiating system in a process for the manufacture of polyester granules by suspension polymerisation. This invention also relates to a process for preparing solid polyester granules using such a redox initiating system.		