

PCTWORLD INTELLECTUAL PROPERTY ORGANIZATION
International Bureau

200001250-0

1906

INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification ⁶: C08F 4/24	A1	(11) International Publication Number: WO 99/12978 (43) International Publication Date: 18 March 1999 (18.03.99)
(21) International Application Number: PCT/GB98/02674 (22) International Filing Date: 4 September 1998 (04.09.98) (30) Priority Data: 97430023.8 11 September 1997 (11.09.97) EP (71) Applicant (for all designated States except US): BP CHEMICALS LIMITED [GB/GB]; Britannic House, 1 Finsbury Circus, London EC2M 7BA (GB). (71) Applicant (for FR only): BP CHEMICALS S.N.C. [FR/FR]; La Défense, 20, place de Seine, F-92400 Courbevoie (FR). (72) Inventor; and (75) Inventor/Applicant (for US only): SPEAKMAN, John, Gabriel [GB/FR]; 25, rue Bel Air, F-13500 Martigues (FR). (74) Agent: PREBCR, Michael; BP International Limited, Group Patents & Agreements, Chertsey Road, Sunbury-on-Thames, Middlesex TW16 7LN (GB).		(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, HR, HU, ID, 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, 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>
(54) Title: PROCESS FOR THE GAS PHASE POLYMERISATION OF OLEFINS (57) Abstract The present invention provides an improved chromium oxide based catalyst supported on a granular or microspherical refractory oxide for the gas phase polymerisation of at least one alpha olefin containing from 2 to 12 carbon atoms, characterised in that the supported chromium oxide based catalyst has been subjected to a sole calcination/activation step consisting of a single thermal treatment performed at a temperature ranging from 200 to 450 °C under an oxygen- containing atmosphere.		