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(51) International Patent Classification ⁶ : C07C 45/50, C07F 9/02, B01J 31/18	A1	(11) International Publication Number: WO 97/20798 (43) International Publication Date: 12 June 1997 (12.06.97)															
(21) International Application Number: PCT/US96/19410 (22) International Filing Date: 5 December 1996 (05.12.96) (30) Priority Data: <table border="0" style="width: 100%;"> <tr> <td style="width: 30%;">008,289</td> <td style="width: 40%;">6 December 1995 (06.12.95)</td> <td style="width: 30%;">US</td> </tr> <tr> <td>008,763</td> <td>6 December 1995 (06.12.95)</td> <td>US</td> </tr> <tr> <td>008,284</td> <td>6 December 1995 (06.12.95)</td> <td>US</td> </tr> <tr> <td>008,286</td> <td>6 December 1995 (06.12.95)</td> <td>US</td> </tr> <tr> <td>08/7565,789</td> <td>26 November 1996 (26.11.96)</td> <td>US</td> </tr> </table> (71) Applicant: UNION CARBIDE CHEMICALS & PLASTICS TECHNOLOGY CORPORATION [US/US]; 39 Old Ridgebury Road, Danbury, CT 06817-0001 (US). (72) Inventors: LEUNG, Tak, Wai; 3823 Canary Grass Lane, Houston, TX 77509 (US). BRYANT, David, Robert; 1201 Shady Way, So. Charleston, WV 25303 (US). SHAW, Bernard, Leslie; 14 Monkbridge Road, Headingley, Leeds LS6 4DX (GB). (74) Agent: WIGGINS, Karen, Johnson; Union Carbide Chemicals & Plastics Technology Corporation, 39 Old Ridgebury Road, Danbury, CT 06817-0001 (US).		008,289	6 December 1995 (06.12.95)	US	008,763	6 December 1995 (06.12.95)	US	008,284	6 December 1995 (06.12.95)	US	008,286	6 December 1995 (06.12.95)	US	08/7565,789	26 November 1996 (26.11.96)	US	(81) Designated States: AL, AM, AU, BB, BG, BR, CA, CN, CZ, EE, GE, HU, IS, JP, KG, KP, KR, LK, LR, LT, LV, MD, MG, MK, MN, MX, NO, NZ, PL, RO, SG, SI, SK, TR, TT, UA, 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> <div style="text-align: right; font-family: cursive;"> 980 2856-6 P/s file away </div>
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(54) Title: IMPROVED METAL-LIGAND COMPLEX CATALYZED PROCESSES (57) Abstract <p>This invention relates to a method of stabilizing a metal-organopolysphosphite ligand complex catalyst against deactivation in a process which comprises reacting one or more reactants in the presence of a metal-organopolysphosphite ligand complex catalyst and optionally free organopolysphosphite ligand to produce a reaction product fluid comprising one or more products, which method comprises conducting said process in the presence of one or more free heterocyclic nitrogen compounds sufficient to prevent and/or lessen deactivation of the metal-organopolysphosphite ligand complex catalyst.</p>																	