



INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification ⁶ : C08G 67/02, B01J 31/24	A1	(11) International Publication Number: WO 95/32234 (43) International Publication Date: 30 November 1995 (30.11.95)
(21) International Application Number: PCT/EP95/01928 (22) International Filing Date: 18 May 1995 (18.05.95) (30) Priority Data: 94201422.6 19 May 1994 (19.05.94) 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). (72) Inventors: VAN DER VEER, Frits; Badhuisweg 3, NL-1031 CM Amsterdam (NL). WJUNGAARDEN, Rudolf, Jacobus; Badhuisweg 3, NL-1031 CM Amsterdam (NL).	(81) Designated States: AU, CA, CN, JP, SG, European patent (AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE). Published <i>With international search report.</i> 9612007-6 RTMP's copy	
(54) Title: PREPARATION OF CATALYST SOLUTION (57) Abstract A process for the preparation of a solution of a catalyst system, suitable for use in a process for copolymerizing carbon monoxide and one or more ethylenically unsaturated compounds, which comprises (a) combining a palladium compound, a bisphosphine of the general formula $R^1R^2P-R-PR^3R^4$ (I) wherein each of R^1, R^2, R^3 and R^4 independently represents an aromatic hydrocarbyl group which is substituted with an alkoxy group and R represents a bivalent bridging group containing at least two carbon atoms in the bridge, and a lower aliphatic alcohol as solvent, and (b) admixing the obtained combination after a generation period G, during which a temperature T in the range of 0-70 °C is maintained, with an acid, whereby the said generation period G is selected such that the value for G (in hours) and the temperature T (in °C) are related as $G \leq 6.0 \times 10^{-21} \exp (14500 / T + 273.2)$.		