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(21) International Application Number: PCT/US99/14577 (22) International Filing Date: 24 June 1999 (24.06.99) (30) Priority Data: 60/098,007 26 August 1998 (26.08.98) US (71) Applicant: EXXON CHEMICAL PATENTS INC. [US/US]; 5200 Bayway Drive, Baytown, TX 77520-5200 (US). (72) Inventor: SPECA, Anthony, N.; 4306 Hill Forest Drive, Kingwood, TX 77345 (US). (74) Agents: ALEXANDER, David, J. et al.; Exxon Chemical Company, P.O. Box 2149, Baytown, TX 77522-2149 (US).	(81) Designated States: BR, CA, CN, JP, KR, MX, SG, European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE). Published <i>With international search report.</i>	
(54) Title: HIGHLY ACTIVE SUPPORTED CATALYST COMPOSITIONS (57) Abstract This invention relates to metallocene catalyst compositions which are highly active for the polymerization of olefins, particularly prochiral α -olefins. The catalyst compositions contain at least one metallocene, and at least one activator and a support that has been fluorided using a fluoride containing compound.		