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(71) Applicant (for all designated States except US):

CHEVRON PHILLIPS CHEMICAL COMPANY LP [US/US]; 10001 Six Pines Drive, The Woodlands, Texas 77380 (US).

(71) Applicants and

(72) Inventors: **COLLINS, Kathy S.** [US/US]; 3915 Silver Lake Drive, Bartlesville, Oklahoma 74006 (US).
MCDANIEL, Max P. [US/US]; 1601 Melmart Drive, Bartlesville, Oklahoma 74006 (US).

(74) Agent: **HUSEMAN, Cheryl L.**; Chevron Phillips Chemical Company LP, 10001 Six Pines Drive, The Woodlands, Texas 77380 (US).

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(57) Abstract: A method of preparing a catalyst comprising contacting a support with a trivalent titanium compound and a chromium-containing compound. A catalyst composition comprising a support, chromium, and titanium, wherein the titanium is derived from Ti_3Cl_3 , $Ti_2(SO_4)_3$, $Ti(OAc)_3$, $Ti(+3)$ oxylate, $Ti(NO_3)_3$, $Ti(+3)$ lactate or combinations thereof.



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