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(71) Applicant: **CHEVRON PHILLIPS CHEMICAL COMPANY LP** [US/US]; 10001 Six Pines Drive, The Woodlands, TX 77380 (US).

(72) Inventors: **SMALL, Brook, L.**; 3135 Beaver Glen Drive, Kingwood, TX 77339 (US). **SYDORA, Orson, L.**; 3814 Elkins Drive, Sugar Land, TX 77479 (US). **KNUDSEN,**

Ronald; 563 N. Kem Ave, Saratoga Springs, UT 84045 (US).

(74) Agent: **TACONI, Katherine**; 10001 Six Pines Drive, The Woodlands, TX 77380 (US).

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(54) Title: ETHYLENE OLIGOMERIZATION PROCESSES

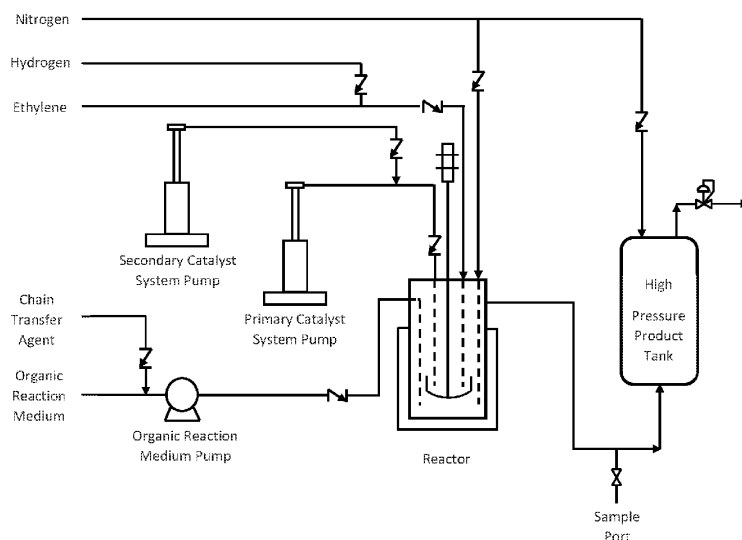


FIG. 1

(57) Abstract: Process for producing alpha olefins comprising contacting ethylene, a zirconium based catalyst system comprising, a hydrocarbylmatal compound, a chain transfer agent, and optionally an organic reaction medium. Chain transfer agents which can be utilized include a) hydrogen, b) a compound comprising a hydrogen silicon bond, a compound having a hydrogen sulfur bond, a compound having a hydrogen phosphorus bond, or c) a transition metal compound chain transfer agent.

[Continued on next page]



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