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(71) Applicant: **EQUISTAR CHEMICALS, LP** [US/US]; One Houston Center, 1221 McKinney Road, Houston, TX 77010 (US).

(72) Inventor: **REINKING, Mark, K.**; 9662 Fox Run Drive, Mason, OH 45040 (US).

(74) Agent: **HEIDRICH, William, A. III**; Equistar Chemicals, LP, 11530 Northlake Drive, Cincinnati, OH 45249 (US).

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(54) Title: PROCESS FOR NARROWING SHORT-CHAIN BRANCHING DISTRIBUTION IN TWO-STEP ETHYLENE POLYMERIZATIONS AND PRODUCTS

(57) Abstract: An improved two-step polymerization process wherein ethylene homopolymer is produced in a first reactor and ethylene copolymer having narrowed short-chain branching distribution is prepared in a second reactor. Narrowed short- chain branching distribution of the copolymer is achieved by including specific silane modifiers in the second reactor.

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