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

(72) Inventors; and

(71) Applicants : **YU, Youlu** [CA/US]; 1532 Whitney Lane, Bartlesville, Oklahoma 74006 (US). **SCHWERTFEGER, Eric D** [US/US]; 419 Oak Park Road, Bartlesville, Oklahoma 74003 (US). **MCDANIEL, Max P** [US/US]; 1601 Melmart Drive, Bartlesville, Oklahoma 74006 (US). **SOLENERBERGER, Alan L** [US/US]; 1209 Prairie Heights Drive, Bartlesville, Oklahoma 74006 (US). **COLLINS, Kathy S** [US/US]; 3915 Silver Lake 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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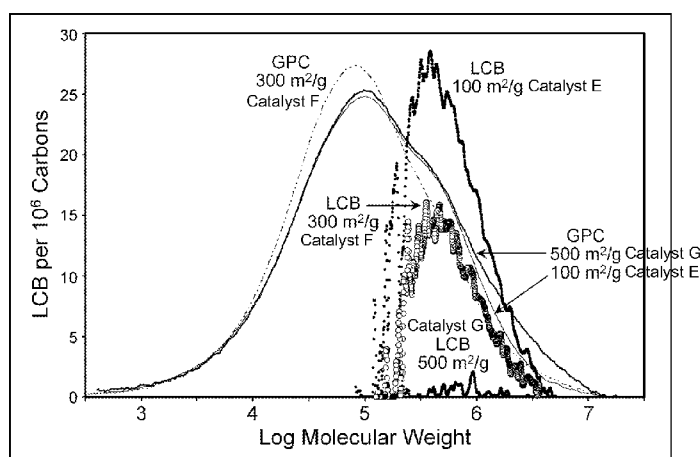
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(54) Title: LONG CHAIN BRANCHED POLYMERS AND METHODS OF MAKING SAME

Figure 4



(57) Abstract: A polymer having a long chain branching content peaking at greater than about 20 long chain branches per million carbon atoms, and a polydispersity index of greater than about 10 wherein the long chain branching decreases to approximately zero at the higher molecular weight portion of the molecular weight distribution. A polymer having a long chain branching content peaking at greater than about 8 long chain branches per million carbon atoms, a polydispersity index of greater than about 20 wherein the long chain branching decreases to approximately zero at the higher molecular weight portion of the molecular weight distribution. A polymer having a long chain branching content peaking at greater than about 1 long chain branches per chain, and a polydispersity index of greater than about 10 wherein the long chain branching decreases to approximately zero at the higher molecular weight portion of the molecular weight distribution.