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(71) Applicant (for all designated States except US): **DOW****GLOBAL TECHNOLOGIES LLC** [US/US]; 2040
Dow Center, Midland, MI 48674 (US).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **CHEN, Linfeng**
[US/US]; 11706 Pedernales Falls Lane, Sugar Land, TX
77498 (US). **GOAD, Jeffrey, D.** [US/US]; 1275 Blake,
Barboursville, WV 25504 (US). **SHEARD, William, G.**
[US/US]; 12907 Dove Oaks Ct., Houston, TX 77041
(US).(74) Agent: **BARTHEL, Ted, J.**; Whyte Hirschboeck Dudek
S.C., 555 East Wells Street, Suite 1900, Milwaukee, WI
53202 (US).

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(54) Title: HIGH MELT FLOW PROPYLENE IMPACT COPOLYMER AND METHOD

(57) Abstract: The present disclosure provides a polymerization process for the production of a high melt flow propylene impact copolymer. The process includes contacting an active propylene-based polymer having a melt flow rate greater than about 100 g/10 min with one or more olefins in a polymerization reactor to form the propylene impact copolymer with a melt flow rate greater than about 60 g/10 min. The production of the high melt flow propylene impact copolymer may occur in one or more polymerization reactors, utilizing standard hydrogen concentration, and no visbreaking.



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