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(54) **Title:** MULTIMODAL POLYMERIZATION PROCESSES WITH MULTI-CATALYST SYSTEMS

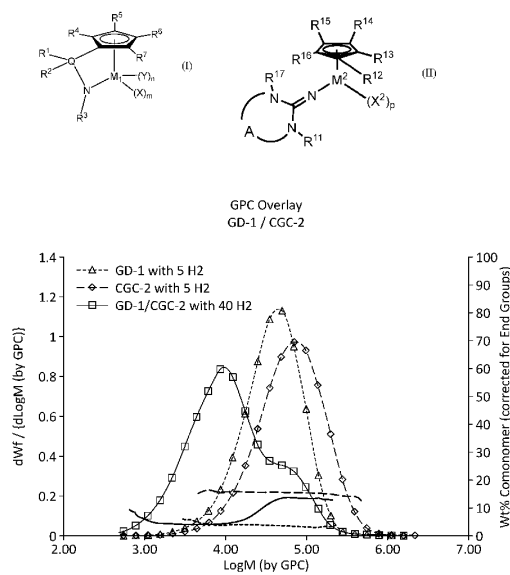


FIG. 1

- (57) **Abstract:** This disclosure is directed to processes of producing ethylene-based polymers by reacting ethylene and optionally one or more olefin monomers in one or multiple reactors in the presence of a catalyst system, and optionally in the presence of hydrogen. The catalyst system includes two or more catalysts, at least one of which is derived from constrained geometry procatalyst according to formula (I) and at least one of which is derived from guanidine procatalyst according to formula (II):

[Continued on next page]

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