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(54) Title: METHOD OF PRODUCING POLYETHYLENE AND POLYETHYLENE THEREOF

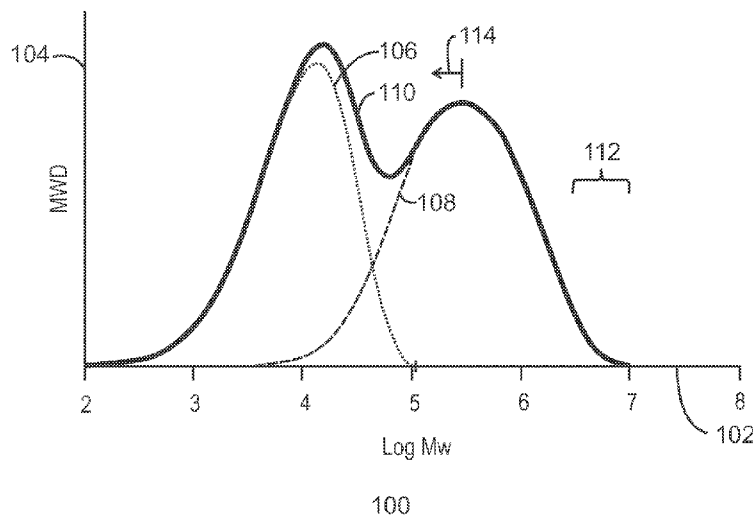


FIG. 1

(57) Abstract: A system and method of producing polyethylene, including: polymerizing ethylene in presence of a catalyst system in a reactor to form polyethylene, wherein the catalyst system includes a first catalyst and a second catalyst; and adjusting reactor conditions and an amount of the second catalyst fed to the reactor to control melt index (MI), density, and melt flow ratio (MFR) of the polyethylene.



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