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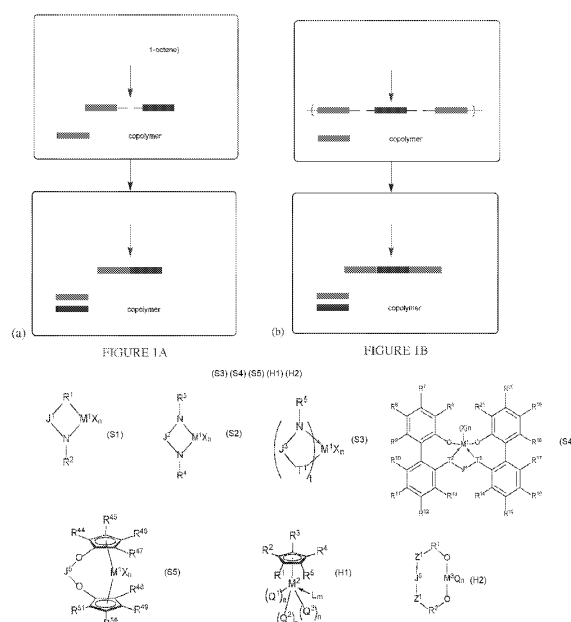
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63/127,350 18 December 2020 (18.12.2020) US(71) Applicant: DOW GLOBAL TECHNOLOGIES LLC
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(54) Title: DUAL REACTOR CHAIN SHUTTLING REACTIONS FOR ETHYLENE/VINYLAENE DIBLOCK AND TRIBLOCK INTERPOLYMERS



(57) Abstract: A process to form a composition comprising an ethylene/vinylarene diblock and/or triblock interpolymer, and comprising at least the following steps: A) polymerizing in a reactor A, a mixture A comprising ethylene, and optionally an alpha-olefin, and optionally a vinylarene, in the presence of at least the following: a) a metal complex S selected from the following: Formula (S1), Formula (S2), Formula (S3), Formula (S4) or Formula (S5), as described herein: B) polymerizing in a reactor B, a mixture B comprising ethylene, a vinylarene, and optionally an alpha-olefin, in the presence of at least the following: b) a metal complex H selected from the following Formula (H1) or Formula (H2), as described herein; and wherein step A occurs before step B, or vice-versa, and at least one chain shuttling agent is fed into the first reactor. A composition comprising an ethylene/vinylarene diblock or triblock interpolymer, as described herein.

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