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(54) Title: CHEMICALLY CONVERTED CATALYSTS

(57) Abstract: Embodiments of the present disclosure directed towards converting a unimodal ligand-metal precatalyst into a bimodal ligand-metal catalyst. As an example, the present disclosure provides a method of chemically converting a unimodal ligand-metal precatalyst into a bimodal ligand-metal catalyst by combining in any order constituents consisting essentially of a first unimodal ligand-metal precatalyst, an effective amount of an activator, and an effective amount of a modality-increasing organic compound under conditions effective for the activator and the modality-increasing organic compound chemically converting the first unimodal ligand-metal precatalyst into a bimodal ligand-metal catalyst, thereby making the bimodal ligand-metal catalyst, where the modality-increasing organic compound is of formula (A¹), (B¹), or (C¹), as detailed herein.



WO 2021/243145 A1