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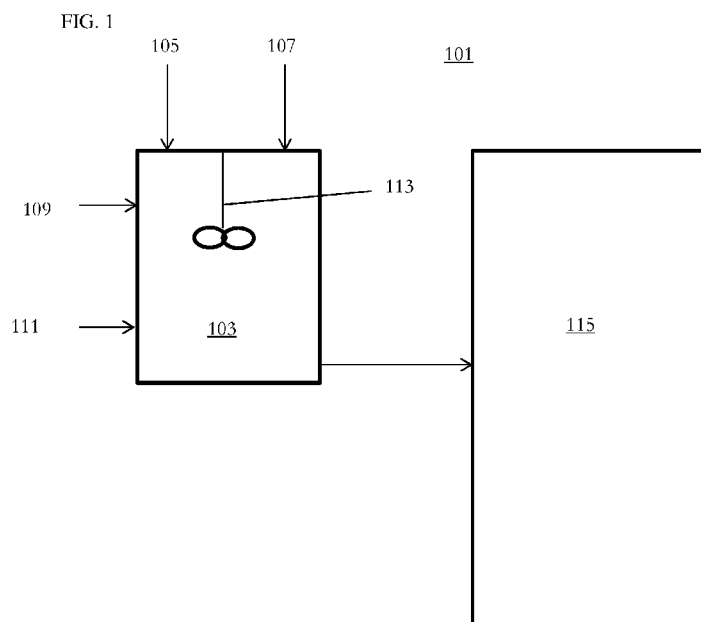
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(54) Title: MODIFIED PREFORMATION METHOD FOR CATALYST ACTIVATION IN ETHYLENE REACTIONS



(57) Abstract: Systems and methods for catalyst activation in ethylene reactions are described. Systems and methods may include pre-mixing at least one ligand and at least one chromium source in at least one solvent to form a pre-mixed composition; activating the pre-mixed composition with an activator to form an activated composition; and supplying the pre-activated composition to a reactor.