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(54) **Title:** METHOD FOR DEACTIVATION AND REMOVAL OF CATALYTIC COMPONENTS IN THE OLIGOMERISATION OF ETHYLENE

(57) **Abstract:** The present invention relates to a method for deactivation and removal of catalytic components in the oligomerisation of ethylene to form linear Alpha-Olefins, comprising the steps of: a) Obtaining an organic phase outlet stream from an oligomerisation reactor comprising organic solvent, catalyst, dissolved ethylene and linear Alpha-Olefins; b) Mixing the outlet stream obtained in step a) With an aqueous phase basic solution to deactivate the catalyst components; and c) Separating the linear Alpha-Olefins containing organic phase from the aqueous basic phase, the aqueous basic phase containing the deactivated catalyst components.

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