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(54) Title: PRODUCTION OF TERTIARY BUTYL ACETATE FROM MTBE

(57) Abstract: Disclosed is a process for the production of t-butyl acetate and coproduction of methyl acetate or ethyl acetate, directly from MTBE or ETBE, by contacting a mixture of acetic acid, acetic anhydride, and MTBE, or alternatively, ETBE, with an acid catalyst. Unlike the art, disclosed is a route employing a tert-butyl ether as starting material for the desired production or coproduction of tert-butyl acetate. Also unlike the art, acetic anhydride is employed to react with the water of formation from the esterification reaction to control formation of the t-butyl alcohol.