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(54) Title: INTEGRATED PROCESS FOR THE PREPARATION OF A POLYESTER RESIN

(57) Abstract: An integrated process for the preparation of a polyester resin, comprising the steps of (a) reacting an alkene with a suitable oxidant in the presence of an epoxidation catalyst to form an alkylene oxide, and (b) separating a crude alkylene oxide fraction comprising from 95% by weight to 99.95% by weight of alkylene oxide, and (c) reacting the crude alkylene oxide fraction with one or more compounds selected from the group consisting of dicarboxylic acids, dicarboxylic acid anhydrides and polyhydric alcohols to obtain a polyester resin.

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