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(54) Title: PROCESS FOR THE EPOXIDATION OF PROPENE

(57) Abstract: The invention is directed to an improved process for the continuous epoxidation of propene with hydrogen peroxide in the presence of a titanium silicalite catalyst and a methanol solvent, wherein the catalyst is periodically regenerated by washing with a methanol solvent at a temperature of at least 100 °C and the epoxidation reaction is carried out for periods of more than 300 h between two regeneration steps.