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(54) **Title:** PROCESS FOR THE PRODUCTION OF PROPYLENE OXIDE

(57) **Abstract:** A continuous process for the production of propylene oxide comprising reacting propene with hydrogen peroxide in methanolic solution in the presence of a titanium silicalite-1 catalyst to obtain propylene oxide, wherein a reaction feed comprising propene, methanol and hydrogen peroxide is introduced into a reactor, said reaction feed containing potassium cations and phosphorus in the form of anions of at least one phosphorus oxyacid.



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