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(54) Title: PROCESS FOR PRODUCING PROPYLENE OXIDE

(57) Abstract: A process for producing propylene oxide, which comprises: supplying a solution containing a peroxide selected from the group consisting of hydrogen peroxide and organic hydroperoxide having 2 or more of carbon atoms as a raw material and propylene to an epoxidation step to react the peroxide with propylene, and controlling a concentration of methyl hydroperoxide in the solution to be supplied to the epoxidation step.

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