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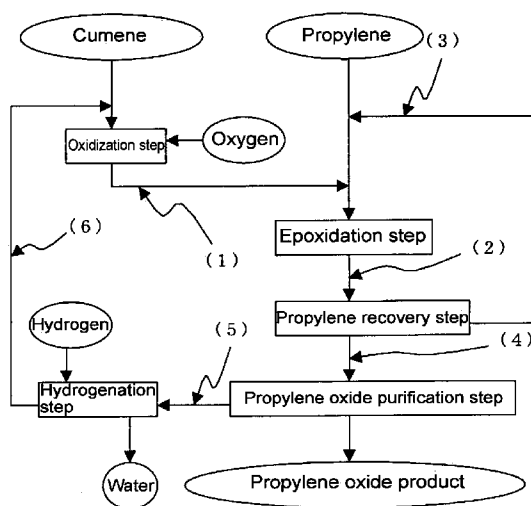
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(54) Title: METHOD FOR PRODUCING PROPYLENE OXIDE

Fig. 1



(57) Abstract: A method for producing propylene oxide in which the concentration of an organic peroxide in a reaction solution after an epoxidation step is from 20 to 5,000 ppm by weight based on the amount excluding propylene in the reaction solution, the method comprising an epoxidation step of reacting an organic peroxide with propylene in the presence of a catalyst to obtain propylene oxide and an alcohol, a propylene recovery step of recovering the unreacted propylene in the epoxidation step and recycling the resulting propylene as a raw material of the epoxidation step, and a propylene oxide purification step of distilling the propylene oxide obtained in the epoxidation step to obtain purified propylene oxide.