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(54) Title: PROCESS FOR PRODUCING PROPYLENE OXIDE

(57) Abstract: A process for producing propylene oxide, which comprises supplying an organic peroxide and propylene to an epoxidation reactor in which a solid catalyst is packed thereby continuously producing propylene oxide through epoxidation reaction, wherein said process comprises cooling at least a part of the propylene before supplying to separate and remove water contained in the propylene, and supplying the propylene in which water has been separated and removed to the epoxidation reactor.

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