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ABSTRACT

A process for regenerating a solid catalyst which has been used for producing propylene oxide through an epoxidation
5 reaction of propylene with an organic peroxide in a reactor packed with the solid catalyst, which comprises allowing a liquid to flow through the catalyst packed in the reactor at a temperature not lower than the maximum reaction temperature of the epoxidation reaction.

10 According to the present invention, a catalyst can be regenerated with extremely high efficiency without taking the catalyst to be regenerated out of the reactor.