

Abstract

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A process for oxidizing an organic compound having at least one C-C double bond or a mixture of two or more thereof comprises the following steps:

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(I) preparing a hydroperoxide,

(II) reacting an organic compound having at least one C-C double bond or a mixture of two or more thereof with the hydroperoxide prepared in step (I) in the presence of a zeolite catalyst,

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(III) regenerating the at least partially deactivated zeolite catalyst used in step (II), and

(IV) conducting the reaction of step (II) using a zeolite catalyst containing the catalyst regenerated in step (III).

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