## Abstract

The present invention provides a process of epoxidising an olefin, comprising epoxidise an olefin and hydrogen peroxide in the presence of a catalyst and a basic anion exchange resin under the olefin epoxidation conditions. Using the process provided by the present invention to synthesize epoxidised olefin can increase significantly the conversion of hydrogen peroxide, the selectivity for epoxidised olefin and the service life of the catalyst.