

Abstract

Process for the continuous recirculation of the olefin which has not been reacted in the oxidation of olefins by means of hydroperoxide to give oxiranes and is present
5 in the offgas stream formed during the oxidation, which comprises the steps (i) to (iii)

- (i) separating the olefin from the offgas stream by absorption in a hydrocarbon,
- 10 (ii) desorbing the olefin from the hydrocarbon,
- (iii) recirculating the olefin obtained in step (ii) to the oxidation process.