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ning of each regular issue of the PCT Gazette.

(54) Title: PROCESS FOR THE PREPARATION OF ALKYLENE OXIDE

(57) Abstract: Process for the preparation of alkylene oxide, which process comprises (i) mixing fresh feed containing organic hydroperoxide and alkene with a recycle stream to obtain a reaction mixture containing of from 5 to 80 %wt of alcohol, based on total amount of reaction mixture, (ii) contacting the reaction mixture with a heterogeneous epoxidation catalyst to obtain a stream containing alkylene oxide and alcohol, and (iii) recycling of from 30 to 95 %wt of the stream obtained in step (ii) to step (i).

