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(54) Title: PROPYLENE OXIDE PROCESS USING MIXED PRECIOUS METAL CATALYST SUPPORTED ON ALKALINE EARTH METAL CARBONATE

(57) Abstract

Propylene is oxidized to propylene oxide in the vapor phase using oxygen and a supported catalyst comprising silver, gold, a potassium promoter such as potassium nitrate or potassium carbonate and a support comprised in whole or in substantial part of an alkaline earth metal carbonate.