

METHODS FOR PRODUCING EPOXIDATION CATALYSTS AND EPOXIDATION METHODS UTILIZING THEM

ABSTRACT

[0111] A method for producing epoxidation catalysts is provided. Advantageously, catalysts produced by the present method may exhibit efficiencies of up to or more than 1% greater than catalysts produced by conventional methods. A method for the epoxidation of alkenes using the catalysts so produced is provided as is a method for using the alkylene oxides for the production of 1,2-diols, 1,2-carbonates, 1,2-diol ethers, or alkanolamines.

Figure 1