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(54) Title: EPOXIDATION CATALYST

(57) Abstract: Titanium or vanadium zeolite catalysts are prepared by reacting a titanium or vanadium compound, a silicon source, a templating agent, a hydrocarbon, and a surfactant at a temperature and for a time sufficient to form a molecular sieve. The catalyst is useful in olefin epoxidation with hydrogen peroxide.

WO 2007/058709 A1