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(54) Title: METHOD OF PREPARING A CATALYST CONTAINING GOLD AND TITANIUM

(57) Abstract

A process of preparing a catalyst comprising gold on a titanium–containing support. The method involves impregnating a support with a gold compound, a reducing agent, and optionally a promoter metal, wherein the reducing agent and/or the support contains titanium, and optionally heating the impregnated support. The catalyst is useful in the hydro–oxidation of olefins, such as propylene, with oxygen in the presence of hydrogen to olefin oxides, such as propylene oxide.