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(54) Title: CRYSTALLINE MWW-TYPE TITANOSILICATE CATALYST FOR PRODUCING OXIDIZED COMPOUND, PRO-
DUCTION PROCESS FOR THE CATALYST, AND PROCESS FOR PRODUCING OXIDIZED COMPOUND BY USING THE
CATALYST

(57) Abstract: A crystalline titanosilicate catalyst which is usable as a catalyst in the oxidation reaction of a compound having a
carbon-carbon double bond and at least one other functional group, a process for producing the catalyst, and a process for producing
an oxidized compound by an oxidation reaction using the catalyst. It has been found that a crystalline titanosilicate having a structural
code of MWW effectively functions as a catalyst in an oxidation reaction of a compound having a carbon-carbon double bond and
at least one other functional group wherein the carbon-carbon double bond of the compound is oxidized by using a peroxide as an
oxidizing agent, thereby to highly selectively provide an intended oxidized compound.