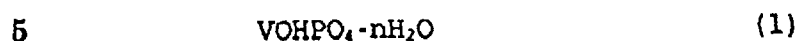


NON METAL ION-EXCHANGED PHOSPHORUS-VANADIUM COMPOUND AND
SOLID ACID CATALYST USING THE COMPOUND

ABSTRACT OF THE DISCLOSURE

A metal ion-exchanged phosphorus-vanadium compound obtained by treating vanadyl hydrogen orthophosphate hydrate represented by the formula (1)



wherein n fulfills the expression, $0 \leq n \leq 2.0$, with an aqueous divalent metal salt solution thereby effecting the exchange of H^+ present between the layers of said vanadyl hydrogen orthophosphate hydrate, drying the resultant ion
10 exchanger, and if necessary calcining the dried ion exchanger, a solid acid and a partial oxidation catalyst for hydrocarbons containing the compound.

No drawing to accompany the abstract upon publication.

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