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(54) Title: PROCESS FOR MAKING ETHYLENE AND ACETIC ACID

(57) Abstract: A process comprising catalytically converting ethane to ethylene and acetic acid in the presence of oxygen at a tem-
perature of 450°C or less in the gas phase wherein the catalyst has the empirical formula $\text{MoV}_a\text{Nb}_b\text{Te}_c\text{ZdO}_n$.



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