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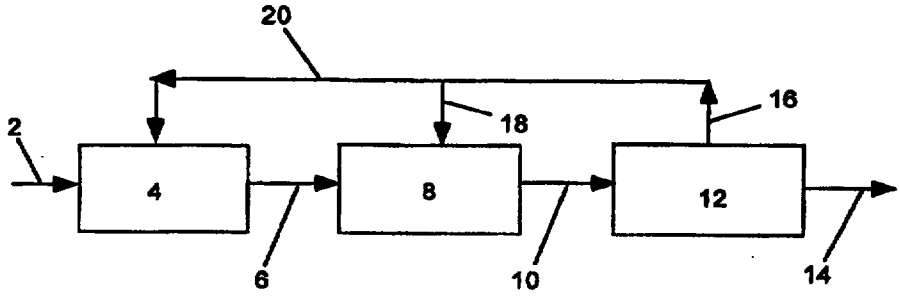
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(54) Title: PROCESSES FOR PREPARING OXYGENATES AND CATALYSTS THEREFOR



(57) Abstract

This invention relates in part to processes and catalysts for the conversion of a feedstock comprising carbon monoxide and hydrogen to a product stream comprising at least one of an ester, acid, acid anhydride and mixtures thereof. This invention also relates in part to processes and catalysts for converting an alcohol, ether and/or ether alcohol feedstock to oxygenated products, e.g., esters, acids, acid anhydrides and mixtures thereof. The processes and catalysts are especially suitable for the production of acetic acid and methyl acetate from a synthesis gas feedstock or from an alcohol, ether or ether alcohol feedstock.