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(54) Title: SYSTEMS AND PROCESSES FOR CATALYTIC CONVERSION OF C1-C5 ALCOHOLS TO C2-C5 OLEFIN MIXTURES

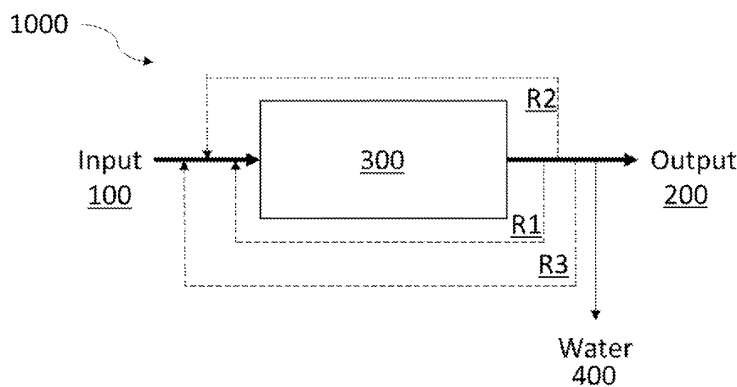


FIG. 1

(57) Abstract: Processes for converting one or more C1-C5 linear or branched alcohols to one or more C2-C5 olefins are provided. In one exemplary embodiment, the process can be a single stage process for the direct conversion of C1-C5 alcohols to olefinic mixtures (e.g., C2-C5) carried out in a single reactor using at least two catalysts physically mixed in a single bed. Systems for carrying out these processes are also provided.

[Continued on next page]

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