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(54) **Title:** MULTISTAGE REACTOR SYSTEMS AND PROCESSES FOR CONVERSION OF OXYGENATES

(57) Abstract: Exemplary processes for converting one or more oxygenates to one or more olefins are disclosed. In one exemplary aspect, the process can include introducing a first input feed into an adiabatic multistage reactor with a first reactor bed and a second reactor bed. The process can also include contacting the first input feed with the first reactor bed to maintain a first temperature of the first reactor bed within a first temperature range and to produce a first reaction mixture, and introducing a second input feed into the multistage reactor such that the first reaction mixture is mixed with the second input feed to produce a first effluent. The process can also include contacting the first effluent with the second reactor bed to thereby maintain a second temperature of the second reactor bed within a second temperature range and to produce a second reaction mixture. Exemplary systems are also disclosed.

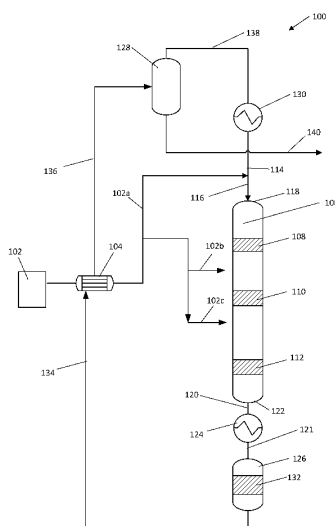


FIG. 1

[Continued on next page]

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