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(54) Title: METHODS FOR CONTROLLING CATALYST FLOW IN FLUIDIZED CATALYTIC PROCESSING SYSTEMS

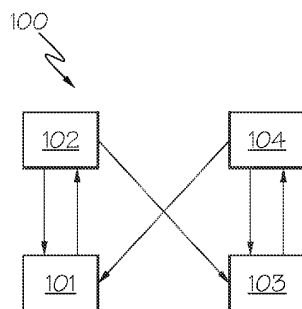


FIG. 1

(57) Abstract: According to one or more embodiments, the flow of catalyst in a fluidized catalytic processing system may be controlled by a method including determining the amount of catalyst present in a first catalyst bed of the fluidized catalytic processing system. The fluidized catalytic processing system may include a first catalyst bed, a second catalyst bed, a third catalyst bed, and a fourth catalyst bed. The method may include comparing the amount of catalyst present in the first catalyst bed with a threshold catalyst amount. When the amount of catalyst present in the first catalyst bed is less than the threshold catalyst amount, the method may include regulating flow of catalyst from the second catalyst bed to the third catalyst bed such that an increased target amount of catalyst is maintained in the second catalyst bed.

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