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(54) **Title:** EDUCATOR-BASED REACTOR AND PUMP AROUND LOOPS FOR PRODUCTION OF ACETIC ACID

(57) **Abstract:** Educator mixers are used to mix the reaction medium in a carbonylation reactor. A portion of the reaction solution withdrawn from the reactor and directed through a pump around loop. The pump around loop is fed back to the reactor through the educator mixers. In addition, a pump around loop may pass through one or more steam generators and/or heat exchangers.



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