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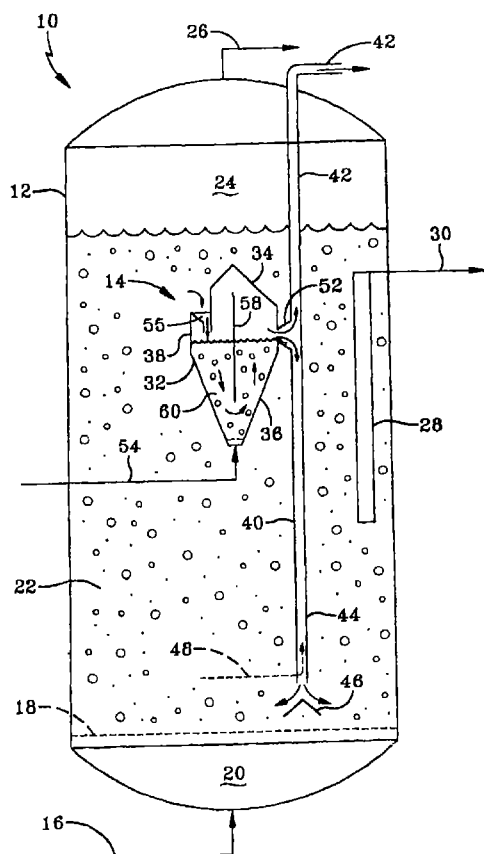
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- (72) Inventor: **CULROSS, Claude, Clarence**: 16027 Chantilly Avenue, Baton Rouge, LA 70817 (US).
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- (74) Agents: **SIMON, Jay et al.**; Exxon Research and Engineering Company, P.O. Box 900, Annandale, NJ 08801-0900 (US).
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(54) Title: SLURRY CATALYST REJUVENATION IN-SITU IN SLURRY REACTOR



(57) Abstract: A process for rejuvenating reversibly deactivated catalyst particles in a three-phase slurry body (22) of gas bubbles and catalyst particles in a slurry liquid, includes passing slurry from the top down to the bottom of the body through a slurry catalyst rejuvenating means (14). The slurry is sequentially passed through a first gas bubble reducing zone (55), a catalyst rejuvenating gas contacting zone, a second gas bubble reducing zone (62) and then a downcomer transfer zone (40). The gas bubble reducing, contacting and at least a portion of transfer occur in slurry body. At least part of the means is in the slurry body.



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