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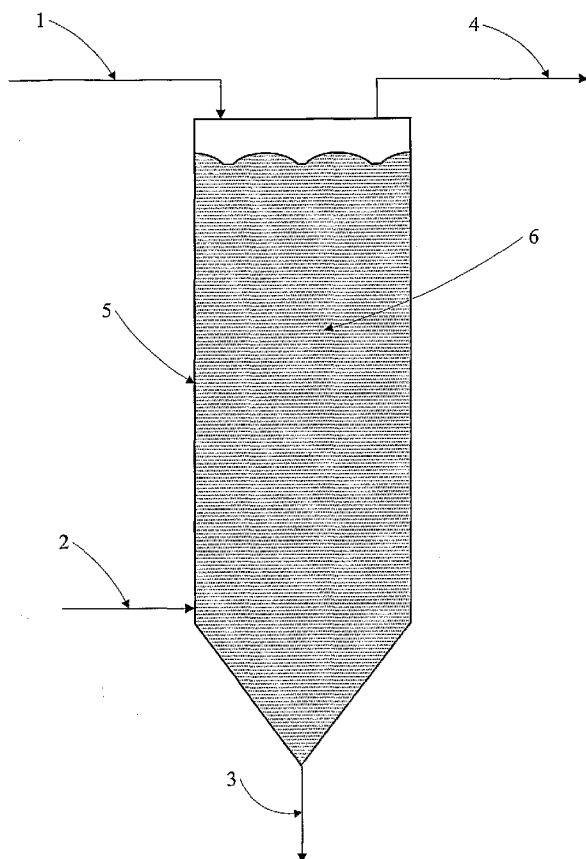
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(54) Title: REMOVAL OF RESIDUAL ACETALDEHYDE FROM POLYESTER POLYMER PARTICLES



(57) Abstract: In one embodiment, there is provided a process comprising introducing polyester polymer particles containing residual acetaldehyde into a vessel at a temperature within a range of 130 °C to 195 °C to form a bed of particles within the vessel, flowing a gas through at least a portion of the particle bed, and withdrawing finished particles from the vessel having a reduced amount of residual acetaldehyde. In this process, it is not necessary to introduce a hot flow of gas at high flow rates otherwise required to heat up cool particles to a temperature sufficient to strip acetaldehyde. Rather, this process provides a benefit in that, if desired, gas introduced into the vessel at low flow rates and low temperatures can nevertheless effectively strip acetaldehyde in a reasonable time because the hot particles quickly heat a the gas to the particle temperature.



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