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(54) Title: POWDER PROCESSING WITH PRESSURIZED GASEOUS FLUIDS

(57) Abstract: Disclosed is a method of small particle precipitation, retention and dispersion of a solid or semi-solid material onto or into a carrier material. In this method, solute particles areprecipitated from a pressurized gaseous fluid solution or a liquid solution and effectivelyretained and dispersed within a carrier material. This technique can be advantageously used in pharmaceutical processing to produce a blend of solid or semi-solid material particlesand carrier material, a granulation of the solid or semi-solid material particles with carrier material, carrier material partially or fully coated with the solid or semi-solid material particles,or mixtures thereof.