

Title (en)
METHOD FOR COLLECTING AND ENCAPSULATING FINE PARTICLES

Title (de)
VERFAHREN ZUR AUFNAHME SOWIE ZUM EINKAPSELN VON FEINEN TEILCHEN

Title (fr)
PROCEDE DE CAPTAGE ET D'ENCAPSULATION DE FINES PARTICULES

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Application
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Abstract (en)
[origin: WO0149407A1] The invention concerns a method for collecting and encapsulating with a coating agent particles dispersed in a fluid at supercritical pressure and an installation for implementing said method. Said method is characterised in that it comprises steps which consist in: expanding said fluid at a pressure less than its critical pressure, so as to bring it to a gaseous state; causing said gas to trickle down in a liquid consisting of a solution substantially saturated with the coating agent in a solvent in which the particles are insoluble, so as to extract at least partially the solvent; and causing the coating agent to precipitate onto the particles thereby forming microcapsules.

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