

Title (en)

METHOD FOR ENCAPSULATING FINE SOLID PARTICLES IN THE FORM OF MICROCAPSULES

Title (de)

VERFAHREN ZUM EINKAPSELN IN FORM VON MIKROKAPSELN UND FEINEN TEILCHEN VON SOLIDEN

Title (fr)

PROCEDE D'ENCAPSULATION SOUS FORME DE MICRO-CAPSULES DE FINES PARTICULES SOLIDES

Publication

EP 1370352 A1 20031217 (FR)

Application

EP 01956607 A 20010719

Priority

- FR 0102350 W 20010719
- FR 0009473 A 20000719

Abstract (en)

[origin: WO0205944A1] The invention concerns a method for encapsulating fine solid particles in the form of microcapsules. Said method is characterised in that it comprises steps which consist in forming a suspension of said particles in a liquid consisting of at least a coating agent in intimate contact with a fluid having a pressure lower than its critical pressure, so as to saturate said suspension, spraying said fluid-saturated suspension through expansion means, and collecting the microcapsules in the gas stream resulting from decompression.

IPC 1-7

B01J 13/04; A61K 9/16

IPC 8 full level

A23L 1/305 (2006.01); **A23L 1/00** (2006.01); **A61K 9/16** (2006.01); **A61K 9/50** (2006.01); **A61K 38/00** (2006.01); **A61K 47/44** (2006.01);
B01J 3/00 (2006.01); **B01J 13/04** (2006.01)

CPC (source: EP US)

A61K 9/1694 (2013.01 - EP US); **A61K 9/5089** (2013.01 - EP US); **B01J 13/04** (2013.01 - EP US)

Citation (search report)

See references of WO 0205944A1

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

WO 0205944 A1 20020124; AU 7853801 A 20020130; CA 2416004 A1 20020124; EP 1370352 A1 20031217; FR 2811913 A1 20020125;
FR 2811913 B1 20030919; JP 2004503603 A 20040205; US 2003157183 A1 20030821

DOCDB simple family (application)

FR 0102350 W 20010719; AU 7853801 A 20010719; CA 2416004 A 20010719; EP 01956607 A 20010719; FR 0009473 A 20000719;
JP 2002511872 A 20010719; US 33303803 A 20030115