

Title (en)
METHOD FOR PRODUCING MICROMEMBRANE CAPSULES

Title (de)
VERFAHREN ZUR HERSTELLUNG VON MIKROMEMBRANKAPSELN

Title (fr)
PROCEDE POUR PRODUIRE DES MICROCAPSULES MEMBRANAIRES

Publication
EP 1292385 A1 20030319 (DE)

Application
EP 01947241 A 20010425

Priority

- DE 10020889 A 20000428
- EP 0104684 W 20010425

Abstract (en)
[origin: WO0183099A1] The invention relates to a method and a facility for industrial scale production of MICROMEMBRANE capsules for immobilizing active ingredients, proteins, live cells and/or microorganisms. According to the invention, the material dissolved in a base material or in suspended form that is to be encapsulated is fed from a reservoir into a reactor, wherein drops are produced from said material and balls are formed by precipitating said drops. The balls enclose the material and are then in turn coated by repeated rinsing in the same and/or different vessel.

IPC 1-7
B01J 13/02

IPC 8 full level
B01J 13/02 (2006.01); **A61K 9/50** (2006.01)

CPC (source: EP US)
B01J 13/02 (2013.01 - EP US); **A61K 9/5089** (2013.01 - EP US)

Citation (search report)
See references of WO 0183099A1

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 0183099 A1 20011108; AU 6898001 A 20011112; CA 2408025 A1 20011108; EP 1292385 A1 20030319; US 2004017018 A1 20040129

DOCDB simple family (application)
EP 0104684 W 20010425; AU 6898001 A 20010425; CA 2408025 A 20010425; EP 01947241 A 20010425; US 25875203 A 20030819