

Title (en)

ENCAPSULATION OF LIQUIDS IN MICROORGANISMS.

Title (de)

EINKAPSELUNG VON FLÜSSIGKEITEN IN MIKROORGANISMEN.

Title (fr)

ENCAPSULAGE DE LIQUIDES DANS DES MICROORGANISMES.

Publication

EP 0672113 A1 19950920 (EN)

Application

EP 93900776 A 19921201

Priority

- EP 93900776 A 19921201
- EP 91870208 A 19911213
- US 9210391 W 19921201

Abstract (en)

[origin: WO9311869A1] Yeast or other microorganism cells for use in the encapsulation of liquids (e.g. liquid bleach activators for use in laundry detergent compositions) are deodorised by treatment with a peroxygen bleach, e.g. hydrogen peroxide.

IPC 1-7

C12N 1/00; B01J 13/02; C11D 3/395; C12N 1/16; C12N 1/18

IPC 8 full level

C12N 1/16 (2006.01); **B01J 13/02** (2006.01); **B01J 13/04** (2006.01); **C11D 3/39** (2006.01); **C11D 3/395** (2006.01); **C11D 7/54** (2006.01); **C11D 17/00** (2006.01); **C12N 1/00** (2006.01); **C12N 1/18** (2006.01); **C12R 1/645** (2006.01); **C12R 1/72** (2006.01); **C12R 1/865** (2006.01)

CPC (source: EP)

B01J 13/02 (2013.01); **C11D 3/3902** (2013.01); **C11D 3/391** (2013.01); **C11D 3/3917** (2013.01); **C11D 17/0039** (2013.01); **C12N 1/005** (2013.01)

Designated contracting state (EPC)

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

DOCDB simple family (publication)

WO 9311869 A1 19930624; CA 2124791 C 19971021; CN 1074481 A 19930721; EP 0672113 A1 19950920; EP 0672113 A4 19941128; JP 3222136 B2 20011022; JP H07501944 A 19950302; MA 22732 A1 19930701; MX 9207184 A 19930730; TR 27620 A 19950613

DOCDB simple family (application)

US 9210391 W 19921201; CA 2124791 A 19921201; CN 92114897 A 19921212; EP 93900776 A 19921201; JP 51095993 A 19921201; MA 23022 A 19921209; MX 9207184 A 19921211; TR 111592 A 19921119