

Title (en)

METHOD FOR THE PREPARATION OF A COMPOSITION OF MICROCAPSULES WITH A SILICA SHELL

Title (de)

HERSTELLUNGSVERFAHREN FÜR EINE ZUSAMMENSETZUNG AUS MIKROKAPSELN MIT SILICAHÜLLE

Title (fr)

PROCÉDÉ POUR LA PRÉPARATION D'UNE COMPOSITION DE MICROCAPSULES PRÉSENTANT UNE ENVELOPPE DE SILICE

Publication

EP 2877278 A1 20150603 (EN)

Application

EP 13740026 A 20130725

Priority

- EP 12178056 A 20120726
- EP 2013065684 W 20130725
- EP 13740026 A 20130725

Abstract (en)

[origin: EP2689836A1] A process for the preparation of a microcapsule composition, wherein the shell of the microcapsules is essentially made of silica and the core comprises at least one lipophilic component, comprising the steps of: a) providing an aqueous dispersion comprising at least one lipophilic component (A) and b1) adding to the aqueous dispersion provided in step a) a water glass solution and an acid, or b2) adding to the aqueous dispersion provided in step a) a silicic acid solution and a base, wherein the addition is effected such that the pH of the mixture resulting during the addition of the water glass solution in step b1) or during the addition of silicic acid solution in step b2) is kept in a range of 6 to 9.

IPC 8 full level

B01J 13/18 (2006.01); **A23L 27/00** (2016.01); **A61K 8/11** (2006.01); **A61K 9/50** (2006.01); **C11D 3/50** (2006.01); **F28D 20/02** (2006.01)

CPC (source: CN EP KR)

A23L 11/03 (2016.07 - CN EP); **A23P 10/30** (2016.07 - KR); **A61K 8/11** (2013.01 - CN EP KR); **A61K 8/25** (2013.01 - CN EP KR); **A61K 9/50** (2013.01 - KR); **A61K 9/501** (2013.01 - CN EP); **A61K 9/5089** (2013.01 - CN EP); **A61Q 13/00** (2013.01 - CN EP KR); **B01J 13/18** (2013.01 - CN EP); **B01J 13/185** (2013.01 - KR); **C01B 33/12** (2013.01 - CN EP KR); **C11D 3/386** (2013.01 - CN EP); **C11D 3/38627** (2013.01 - CN EP KR); **C11D 3/505** (2013.01 - CN EP KR); **C11D 17/0039** (2013.01 - CN EP); **F28D 20/023** (2013.01 - CN KR); **A61K 2800/412** (2013.01 - CN EP); **F28D 20/023** (2013.01 - EP); **Y02E 60/14** (2013.01 - EP)

Citation (search report)

See references of WO 2014016367A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

EP 2689836 A1 20140129; CN 104661741 A 20150527; EP 2877278 A1 20150603; KR 20150038235 A 20150408; WO 2014016367 A1 20140130

DOCDB simple family (application)

EP 12178056 A 20120726; CN 201380050107 A 20130725; EP 13740026 A 20130725; EP 2013065684 W 20130725; KR 20157004572 A 20130725