

Title (en)  
METHOD FOR PREPARING CAPSULES COMPRISING AT LEAST ONE VOLATILE COMPOUND AND CAPSULES OBTAINED THEREFROM

Title (de)  
VERFAHREN ZUR HERSTELLUNG VON KAPSELN MIT MINDESTENS EINER FLÜCHTIGEN VERBINDUNG UND DARAUS ERHALTENE KAPSELN

Title (fr)  
PROCÉDÉ DE PRÉPARATION DE CAPSULES COMPRENANT AU MOINS UN COMPOSÉ VOLATILE ET CAPSULES OBTENUES

Publication  
**EP 3600643 A1 20200205 (FR)**

Application  
**EP 18711369 A 20180321**

Priority  
• FR 1752332 A 20170321  
• EP 2018057216 W 20180321

Abstract (en)  
[origin: WO2018172433A1] The present invention relates to a method for preparing solid microcapsules comprising the following steps: a) preparing a composition C1, which is either a composition C1a, comprising a single hydrophobic solid particle, or a composition C1b comprising a plurality of dispersed hydrophobic solid particles in a hydrophilic phase, b) adding, under agitation, the composition C1 to a polymeric composition C2 at a temperature Tb, whereby an emulsion (E1) is obtained; c) adding, under agitation, the emulsion (E1) to a composition C3 at a temperature Tc, whereby a double emulsion (E2) is obtained; d) applying shear to the emulsion (E2), whereby a double emulsion (E3) is obtained; and e) polymerising the composition C2, whereby solid microcapsules dispersed in the composition C3 are obtained.

IPC 8 full level  
**B01J 13/14** (2006.01); **B01F 3/08** (2006.01); **B01J 13/18** (2006.01); **C08F 2/48** (2006.01); **F28D 20/02** (2006.01)

CPC (source: EP KR US)  
**B01J 13/14** (2013.01 - EP KR); **B01J 13/18** (2013.01 - EP KR US); **C08F 2/22** (2013.01 - EP KR US); **C08F 2/48** (2013.01 - EP KR); **C08F 2/50** (2013.01 - US)

Citation (search report)  
See references of WO 2018172433A1

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)  
**WO 2018172433 A1 20180927**; CN 110831693 A 20200221; EP 3600643 A1 20200205; FR 3064192 A1 20180928; FR 3064192 B1 20190426; JP 2020514044 A 20200521; JP 7258770 B2 20230417; KR 102528482 B1 20230503; KR 20190127881 A 20191113; US 2021113984 A1 20210422

DOCDB simple family (application)  
**EP 2018057216 W 20180321**; CN 201880020511 A 20180321; EP 18711369 A 20180321; FR 1752332 A 20170321; JP 2019552456 A 20180321; KR 20197030797 A 20180321; US 201816496057 A 20180321