

Title (en)
PRODUCTION METHOD AND APPARATUS FOR PRODUCING A COMPOSITION FROM A MIXTURE OF FORMULATIONS

Title (de)
VERFAHREN UND VORRICHTUNG ZUR HERSTELLUNG EINER ZUSAMMENSETZUNG AUS EINER MISCHUNG VON FORMULIERUNGEN

Title (fr)
PROCÉDÉ ET APPAREIL DE FABRICATION POUR LA FABRICATION D'UNE COMPOSITION A PARTIR D'UN MÉLANGE DE FORMULATIONS

Publication
EP 3897945 A1 20211027 (FR)

Application
EP 19848805 A 20191220

Priority
• FR 1873821 A 20181221
• FR 2019053239 W 20191220

Abstract (en)
[origin: WO2020128389A1] The present invention relates to a method for mixing using a production apparatus (2) comprising a mixing machine (6) comprising a support (31) defining a receiving housing (32), the receiving housing (32) comprising a first receiving location configured to receive a first deformable capsule (3) and a second receiving location configured to receive a second deformable capsule (4), the first and second capsules (3, 4) being intended to be fluidically connected to one another and respectively containing a first formulation and a second formulation, wherein the production apparatus (2) comprises an actuating system (35) configured to transmit a pressure force to the first and second capsules (3, 4) so as to displace the contents of the first capsule (3) into the second capsule (4) and vice versa, the mixing machine (6) comprising a heating element (46) configured to heat at least one of the first and second capsules when the first and second capsules (3, 4) are received in the mixing machine (6), the method comprising the following successive steps: - a heating step (Em3) and/or a mixing step (Em4, Em5, Em6) comprising, alternately or simultaneously, setting the actuating system (35) in motion and heating using the heating element (46), - a temperature-hold step (Er3) involving holding the temperature at a retraction temperature (Tr) using the heating element (46), without movement of the actuating system (35).

IPC 8 full level
B01F 23/70 (2022.01); **A45D 40/24** (2006.01); **B01F 23/47** (2022.01)

CPC (source: EP KR US)
A45D 40/24 (2013.01 - EP KR US); **B01F 23/711** (2022.01 - EP KR US); **B01F 31/55** (2022.01 - EP KR US); **B01F 31/70** (2022.01 - EP KR US); **B01F 33/5011** (2022.01 - EP KR US); **B01F 33/5014** (2022.01 - KR); **B01F 35/2115** (2022.01 - EP KR US); **B01F 35/32025** (2022.01 - EP KR US); **B01F 35/7131** (2022.01 - EP KR US); **B01F 35/7164** (2022.01 - EP KR US); **B01F 35/7546** (2022.01 - EP KR US); **B01F 35/92** (2022.01 - EP KR US); **A45D 2200/058** (2013.01 - EP KR US); **B01F 2101/06** (2022.01 - KR); **B01F 2101/21** (2022.01 - KR US); **B01F 2101/22** (2022.01 - KR); **B01F 2101/24** (2022.01 - KR)

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 2020128389 A1 20200625; CN 113412149 A 20210917; EP 3897945 A1 20211027; EP 3897945 B1 20231018; ES 2969313 T3 20240517; FR 3090405 A1 20200626; FR 3090405 B1 20230428; JP 2022515092 A 20220217; KR 20210112309 A 20210914; US 2022054990 A1 20220224

DOCDB simple family (application)
FR 2019053239 W 20191220; CN 201980083573 A 20191220; EP 19848805 A 20191220; ES 19848805 T 20191220; FR 1873821 A 20181221; JP 2021535027 A 20191220; KR 20217018807 A 20191220; US 201917415113 A 20191220