

Title (en)

MIXING MACHINE FOR MANUFACTURING A COMPOSITION FROM A MIXTURE OF FORMULATIONS

Title (de)

MISCHMASCHINE ZUR HERSTELLUNG EINER ZUSAMMENSETZUNG AUS EINER MISCHUNG VON FORMULIERUNGEN

Title (fr)

MACHINE A MÉLANGE POUR LA FABRICATION D'UNE COMPOSITION A PARTIR D'UN MÉLANGE DE FORMULATIONS

Publication

EP 3897938 B1 20221130 (FR)

Application

EP 19824337 A 20191220

Priority

- FR 1874015 A 20181221
- EP 2019086580 W 20191220

Abstract (en)

[origin: WO2020127909A1] The present invention concerns a mixing machine (6) configured to receive a reception device (5) in order to form a mixing machine (6), the manufacturing apparatus comprising - a support (31) defining a reception housing (32), the reception housing (32) comprising a first reception location configured to receive a first deformable capsule (3) and a second reception location configured to receive a second deformable capsule (4), the first and second capsules (3, 4) being intended to be fluidically connected together and respectively containing a first formulation and a second formulation, - an actuating system (35) that can move with respect to the support (31) inside the reception housing (32), comprising: * a first actuating member (37) positioned on a side of the reception housing (32), and movable inside same, in order to transmit pressure onto the first capsule (3), in a first actuating stroke (C37); * a second actuating member (38), positioned on the other side of the reception housing (32), preferably opposite, and movable inside same, in order to transmit pressure onto the second capsule (4), in a second actuating stroke (C38), wherein the first actuating stroke (C37) has a different length from the second actuating stroke (C38).

IPC 8 full level

B01F 23/70 (2022.01); **A45D 40/24** (2006.01); **B01F 31/00** (2022.01); **B01F 31/55** (2022.01); **B01F 33/501** (2022.01); **B01F 35/21** (2022.01);
B01F 35/32 (2022.01); **B01F 35/71** (2022.01); **B01F 35/75** (2022.01); **B01F 35/92** (2022.01)

CPC (source: CN EP KR US)

A45D 40/24 (2013.01 - EP KR US); **B01F 23/711** (2022.01 - EP KR US); **B01F 27/70** (2022.01 - CN); **B01F 31/31** (2022.01 - US);
B01F 31/312 (2022.01 - US); **B01F 31/55** (2022.01 - EP KR US); **B01F 31/70** (2022.01 - EP KR US); **B01F 33/501** (2022.01 - KR);
B01F 33/5011 (2022.01 - EP KR); **B01F 33/50111** (2022.01 - US); **B01F 33/5014** (2022.01 - KR); **B01F 35/2115** (2022.01 - EP KR);
B01F 35/32005 (2022.01 - CN); **B01F 35/32025** (2022.01 - EP KR US); **B01F 35/3204** (2022.01 - KR US); **B01F 35/42** (2022.01 - KR);
B01F 35/43 (2022.01 - CN); **B01F 35/522** (2022.01 - KR US); **B01F 35/7131** (2022.01 - EP KR); **B01F 35/7164** (2022.01 - EP KR);
B01F 35/7546 (2022.01 - EP KR); **B01F 35/88** (2022.01 - KR); **B01F 35/90** (2022.01 - KR); **B01F 35/92** (2022.01 - EP US);
A45D 2200/058 (2013.01 - EP KR US); **A45D 2200/15** (2013.01 - KR); **A45D 2200/155** (2013.01 - US); **B01F 2035/98** (2022.01 - KR);
B01F 2035/99 (2022.01 - KR US); **B01F 2101/06** (2022.01 - KR); **B01F 2101/21** (2022.01 - KR US); **B01F 2101/22** (2022.01 - KR);
B01F 2101/4505 (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

DOCDB simple family (publication)

WO 2020127909 A1 20200625; CN 111346538 A 20200630; EP 3897938 A1 20211027; EP 3897938 B1 20221130;
ES 2939152 T3 20230419; FR 3090406 A1 20200626; FR 3090406 B1 20201204; JP 2022515385 A 20220218; KR 20210107675 A 20210901;
US 2022054995 A1 20220224

DOCDB simple family (application)

EP 2019086580 W 20191220; CN 201911323409 A 20191220; EP 19824337 A 20191220; ES 19824337 T 20191220; FR 1874015 A 20181221;
JP 2021535024 A 20191220; KR 20217018796 A 20191220; US 201917415165 A 20191220