

Title (en)

MIXING IN A CONTAINER OF CONTENT HAVING A BASE COMPONENT AND A COMPONENT TO BE MIXED

Title (de)

MISCHEN EINES INHALTS MIT EINER BASENKOMPONENTE UND EINER ZU MISCHENDEN KOMPONENTE IN EINEM BEHÄLTER

Title (fr)

MÉLANGE DANS UN CONTENEUR D'UN CONTENU AYANT UN COMPOSANT DE BASE ET UN COMPOSANT À MÉLANGER

Publication

EP 2326412 A1 20110601 (FR)

Application

EP 09797569 A 20090616

Priority

- FR 2009051136 W 20090616
- FR 0854827 A 20080716

Abstract (en)

[origin: WO2010007273A1] The invention relates to a mixing process, a spraying and dispersing device and a mixing device for implementing the process. The process of mixing content (C) in a container (2), of the type in which a container (2) is provided which has means for introducing the components and mixing means (14), components of the content (C) are provided, and the components are then introduced into the container (2) and are mixed, is characterized in that on the one hand a mixing facilitator Fm is provided, a spraying and dispersing device (15) which can be joined to a container (2) at one of its introduction means is provided and can be in an active functional state in which it enables a liquid to be sprayed and dispersed into the container (2), and then, in a first phase, the content base (Cb) and then the component to be mixed (Cm) are introduced into the container (2) without filling it and, in a second phase, the mixing facilitator (Fm) is introduced into the container (2) through the introduction means (3) and is sprayed by dispersing it towards the component to be mixed (Cm) by means of said spraying and dispersing device (15) which is placed in the active functional state.

IPC 8 full level

B01F 3/12 (2006.01); **B01F 5/20** (2006.01)

CPC (source: EP US)

B01F 23/51 (2022.01 - EP US); **B01F 23/53** (2022.01 - EP US); **B01F 25/72** (2022.01 - EP US); **B01F 27/808** (2022.01 - EP US); **B01F 35/513** (2022.01 - EP US)

Citation (search report)

See references of WO 2010007273A1

Cited by

EP4316843A1; WO2024028062A1; WO2018007691A1; US9687852B2; WO2018096226A1

Designated contracting state (EPC)

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 SE SI SK TR

Designated extension state (EPC)

AL BA RS

DOCDB simple family (publication)

WO 2010007273 A1 20100121; AT E556764 T1 20120515; EP 2326412 A1 20110601; EP 2326412 B1 20120509; FR 2933881 A1 20100122; FR 2933881 B1 20110527; US 2011158037 A1 20110630; US 9073023 B2 20150707

DOCDB simple family (application)

FR 2009051136 W 20090616; AT 09797569 T 20090616; EP 09797569 A 20090616; FR 0854827 A 20080716; US 200913054234 A 20090616