

Title (en)

PACKAGING SYSTEM AND METHOD FOR MULTI-COMPONENT PRODUCT PREPARATION PROCESSES

Title (de)

VERPACKUNGSSYSTEM UND VERFAHREN FÜR MEHRKOMPONENTIGE PRODUKTZUBEREITUNGEN

Title (fr)

SYSTÈME D'EMBALLAGE ET PROCÉDÉ POUR PRÉPARATIONS DE PRODUIT À PLUSIEURS COMPOSANTS

Publication

EP 3941851 B1 20230503 (DE)

Application

EP 20711066 A 20200303

Priority

- DE 102019203855 A 20190321
- EP 2020055524 W 20200303

Abstract (en)

[origin: WO2020187558A1] The invention relates to a packaging system (1) for a multi-component product preparation process, having: - a first container (2) for storing a first product preparation component, - a second container (6) for storing at least one second product preparation component, and - a closure element (11) which seals off the first container (2) from the surroundings and has a coupling device in order to couple the second container (6) to the closure element (11) and in order to establish a fluidic connection between the first container (2) and the second container (6). The closure element (11) comprises a closure cap (17) which can be separated from the closure element (11) along a predetermined breaking point (18) in order to release the fluidic connection between the first container (2) and the second container (6), wherein the closure cap can be coupled to the second container (6) in a blocked manner in a rotational direction about an axis (L) of the closure element and in a movable manner in a direction parallel to the axis (L).

IPC 8 full level

B65D 81/32 (2006.01)

CPC (source: EP US)

B65D 51/2814 (2013.01 - US); **B65D 81/3211** (2013.01 - EP US)

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)

DE 102019203855 A1 20200924; EP 3941851 A1 20220126; EP 3941851 B1 20230503; US 2022002065 A1 20220106;
WO 2020187558 A1 20200924

DOCDB simple family (application)

DE 102019203855 A 20190321; EP 2020055524 W 20200303; EP 20711066 A 20200303; US 202117481236 A 20210921