

Title (en)

PACKAGING SYSTEM FOR AT LEAST ONE PRODUCT PREPARATION COMPONENT, AND CORRESPONDING METHOD FOR HANDLING THE PRODUCT PREPARATION COMPONENT

Title (de)

VERPACKUNGSSYSTEM FÜR ZUMINDEST EINE PRODUKTZUBEREITUNGSKOMPONENTE SOWIE ZUGEHÖRIGES VERFAHREN ZUR HANDHABUNG DER PRODUKTZUBEREITUNGSKOMPONENTE

Title (fr)

SYSTÈME D'EMBALLAGE POUR AU MOINS UN COMPOSANT DE PRÉPARATION DE PRODUIT ET PROCÉDÉ ASSOCIÉ POUR MANIPULER LE COMPOSANT DE PRÉPARATION DE PRODUIT

Publication

EP 3941844 A1 20220126 (DE)

Application

EP 20711067 A 20200303

Priority

- DE 102019203857 A 20190321
- EP 2020055531 W 20200303

Abstract (en)

[origin: WO2020187559A1] The invention relates to a packaging system (1) for at least one product preparation component, comprising a first container (10) for storing a first product preparation component, a second container (20) for optionally storing at least one other product preparation component, and a closure device (3) which seals off an opening (11) of the first container (10) from the surroundings by means of a closure element (40) and has a coupling device (30) in order to couple the second container (20) to the closure device (3) and in order to establish a fluidic connection between the first container (10) and the second container (20). The invention additionally relates to a corresponding method for handling at least one product preparation component. The aim of the invention is to ensure a reliable packaging system (1) which primarily allows a user-friendly handling of the contained product preparation components. This is achieved in that the closure element (40) and the coupling device (30) are joined together as separate components in a non-releasable manner in order to form the closure device (3).

IPC 8 full level

B65D 51/28 (2006.01); **B65D 81/32** (2006.01)

CPC (source: EP US)

B65D 41/04 (2013.01 - US); **B65D 51/2871** (2013.01 - EP US); **B65D 81/3211** (2013.01 - EP US); **B65D 2251/0015** (2013.01 - US); **B65D 2251/009** (2013.01 - US)

Citation (search report)

See references of WO 2020187559A1

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)

DE 102019203857 A1 20200924; CN 113677603 A 20211119; EP 3941844 A1 20220126; JP 2022526290 A 20220524; US 2022002068 A1 20220106; WO 2020187559 A1 20200924

DOCDB simple family (application)

DE 102019203857 A 20190321; CN 202080022023 A 20200303; EP 2020055531 W 20200303; EP 20711067 A 20200303; JP 2021556416 A 20200303; US 202117481287 A 20210921