

Title (en)

EQUIPMENT AND METHODS FOR THE AUTOMATED ASSEMBLY OF INHALATION DEVICES AND COMPONENTS THEREOF

Title (de)

VORRICHTUNG UND VERFAHREN ZUR AUTOMATISCHEN MONTAGE VON INHALATIONSVORRICHTUNGEN UND KOMPONENTEN DAFÜR

Title (fr)

ÉQUIPEMENT ET PROCÉDÉS POUR L'ASSEMBLAGE AUTOMATISÉ DE DISPOSITIFS D'INHALATION ET ÉLÉMENTS ASSOCIÉS

Publication

EP 3917846 A2 20211208 (EN)

Application

EP 20703079 A 20200122

Priority

- GB 201901201 A 20190129
- GB 2020050145 W 20200122

Abstract (en)

[origin: WO2020157467A2] Equipment for the automated assembly of consumable units for use in an inhalation device from components that include a mouthpiece, a container defining a chamber for aerosolisable material, and a closure for the chamber, is disclosed. The equipment comprise at least one assembly line having one or more assembly stations that each comprises tooling for performing an assembly operation on the components, and a transport system for supplying the components to the assembly stations and advancing the components through the assembly stations in a sequence to assemble at least part of the device from the components. A process for the serial production of consumable units for use with an inhalation device is also disclosed.

IPC 8 full level

B65B 65/00 (2006.01); **B65B 7/28** (2006.01)

CPC (source: EP US)

A24F 7/00 (2013.01 - US); **A24F 40/10** (2020.01 - US); **A24F 40/20** (2020.01 - US); **A24F 40/30** (2020.01 - US); **A24F 40/42** (2020.01 - US); **A24F 40/70** (2020.01 - US); **B65B 3/04** (2013.01 - US); **B65B 7/28** (2013.01 - EP US); **B65B 25/00** (2013.01 - US); **B65B 65/006** (2013.01 - EP US); **B65D 75/367** (2013.01 - 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

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

WO 2020157467 A2 20200806; **WO 2020157467 A3 20200910**; CA 3127465 A1 20200806; CN 113329943 A 20210831; CN 113329943 B 20231114; EP 3917846 A2 20211208; GB 201901201 D0 20190320; JP 2022519209 A 20220322; JP 7288512 B2 20230607; MX 2021009034 A 20210908; US 2022095699 A1 20220331

DOCDB simple family (application)

GB 2020050145 W 20200122; CA 3127465 A 20200122; CN 202080011595 A 20200122; EP 20703079 A 20200122; GB 201901201 A 20190129; JP 2021544159 A 20200122; MX 2021009034 A 20200122; US 202017426068 A 20200122