Title (en)

DEVICE FOR PROCESSING PHARMACEUTICAL CONTAINERS, AND FILLING DEVICE

Title (de)

VORRICHTUNG ZUM VERARBEITEN PHARMAZEUTISCHER BEHÄLTER UND BEFÜLLEINRICHTUNG

Title (fr)

DISPOSITIF DE TRAITEMENT DE CONTENANTS PHARMACEUTIQUES ET DISPOSITIF DE REMPLISSAGE

Publication

EP 4267468 A2 20231101 (DE)

Application

EP 21843974 A 20211222

Priority

- DE 102020134859 A 20201223
- EP 2021087237 W 20211222

Abstract (en)

[origin: WO2022136521A2] The invention relates to a device for processing pharmaceutical containers (12), in particular vials (14), syringes, or carpules, comprising a frame (54), which can be positioned on a mounting surface (55) and which comprises a surface (63), a first side (61), and a second side opposite the first side; at least one processing station for the containers; and a transport device (36), in particular a linear transport device, which is arranged between the first side (62) and the second side and which comprises circulating holding elements (68) for the containers (12), said holding elements moving along a transport direction (67) from a coupling side to a decoupling side on a transport segment (66) and opposite the transport direction (67) on a return segment (70). The at least one processing station (78) is arranged on the transport segment (66), and the transport segment (66) and the return segment (70) define a transport plane (72) of the transport device (36) and are arranged above the surface (63), wherein the transport plane (72) is inclined by an inclination angle (73) relative to the plane (65) of the surface (63) and/or a horizontal plane, and the transport segment (66) is arranged above the return segment (70) in the direction of gravity. The invention additionally relates to a filling device for filling pharmaceutical containers (12).

IPC 8 full level

B65B 3/00 (2006.01); **B65B 21/08** (2006.01); **B65B 35/10** (2006.01); **B65B 35/26** (2006.01)

CPC (source: EP US)

B65B 3/003 (2013.01 - EP US); **B65B 3/24** (2013.01 - EP); **B65B 3/28** (2013.01 - EP); **B65B 7/16** (2013.01 - US); **B65B 7/2807** (2013.01 - EP); **B65B 7/2821** (2013.01 - EP); **B65B 21/08** (2013.01 - EP); **B65B 35/10** (2013.01 - EP); **B65B 35/16** (2013.01 - EP); **B65B 35/26** (2013.01 - EP); **B65B 39/12** (2013.01 - EP); **B65B 43/44** (2013.01 - EP); **B65B 43/50** (2013.01 - EP); **B65B 43/52** (2013.01 - US); **B65B 55/04** (2013.01 - EP); **B65B 57/08** (2013.01 - EP); **B65B 59/001** (2019.04 - EP); **B65B 59/003** (2019.04 - EP); **B65B 59/02** (2013.01 - EP); **B65B 59/04** (2013.01 - EP); **B65B 65/003** (2013.01 - EP); B65B 2210/02 (2013.01 - EP)

Citation (search report)

See references of WO 2022136521A2

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

Designated validation state (EPC)

KH MA MD TN

DOCDB simple family (publication)

WO 2022136521 A2 20220630; **WO 2022136521 A3 20220929**; CN 116635303 A 20230822; DE 102020134859 A1 20220623; EP 4267468 A2 20231101; US 2023406554 A1 20231221

DOCDB simple family (application)

EP 2021087237 W 20211222; CN 202180086028 A 20211222; DE 102020134859 A 20201223; EP 21843974 A 20211222; US 202318339473 A 20230622