

Title (en)
DEVICE FOR FILLING PHARMACEUTICAL CONTAINERS

Title (de)
VORRICHTUNG ZUM BEFÜLLEN PHARMAZEUTISCHER BEHÄLTER

Title (fr)
DISPOSITIF DE REMPLISSAGE DE CONTENANTS PHARMACEUTIQUES

Publication
EP 4267469 A2 20231101 (DE)

Application
EP 21843976 A 20211222

Priority

- DE 102020134866 A 20201223
- EP 2021087243 W 20211222

Abstract (en)
[origin: WO2022136525A2] The invention relates to a device for filling pharmaceutical containers (12) of different types, comprising in particular syringes, vials, and/or carpules. The device (10; 152; 158; 166) comprises a filling device (14) comprising a transport device (58), in particular a linear transport device, which preferably comprises circulating holding elements (62) for the containers (12), said holding element being movable along a transport direction (60) from a coupling side to a decoupling side of the transport device (58), and comprising at least one processing station (68) for the containers (12), said processing station comprising a filling station (88) which is arranged on the transport device (58) for filling the containers (12) with a pharmaceutical substance; a coupling element (84) for transferring the containers (12) to the transport device (58); a decoupling element (106) for receiving the containers (12) from the transport device (58); a first feed unit (16) for providing containers (12) to be filled of a first type and a second feed unit (18) for feeding containers (12) to be filled of a second type; and an interface element (28) which is arranged or can be arranged at at least one interface position (32), preferably precisely one interface position (32), on the feed side with respect to the transport device (58) and via which, selectively, the containers (12) of the first type can be fed directly or indirectly to the transport device (58) from the first feed unit (16) or the containers (12) of the second type can be fed directly or indirectly to the transport device from the second feed unit (18).

IPC 8 full level
B65B 3/00 (2006.01); **B65B 21/14** (2006.01); **B65B 43/46** (2006.01); **B65B 43/54** (2006.01)

CPC (source: EP US)
B65B 3/003 (2013.01 - EP); **B65B 5/12** (2013.01 - US); **B65B 21/14** (2013.01 - EP); **B65B 23/22** (2013.01 - US); **B65B 35/10** (2013.01 - US); **B65B 43/46** (2013.01 - EP); **B65B 43/54** (2013.01 - EP)

Citation (search report)
See references of WO 2022136525A2

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 2022136525 A2 20220630; **WO 2022136525 A3 20220818**; CN 116723984 A 20230908; DE 102020134866 A1 20220623; EP 4267469 A2 20231101; US 2023373669 A1 20231123

DOCDB simple family (application)
EP 2021087243 W 20211222; CN 202180086047 A 20211222; DE 102020134866 A 20201223; EP 21843976 A 20211222; US 202318339541 A 20230622