

Title (en)
APPLICATOR WITH POSITIONING DEVICE AND STORAGE DEVICE

Title (de)
AUFTRAGAGGREGAT MIT POSITIONIERVORRICHTUNG UND SPEICHEREINRICHTUNG

Title (fr)
APPLICATEUR AVEC DISPOSITIF DE POSITIONNEMENT ET UNITÉ DE STOCKAGE

Publication
EP 3908466 B1 20220907 (DE)

Application
EP 19758396 A 20190822

Priority

- DE 102019100310 A 20190108
- EP 2019072465 W 20190822

Abstract (en)
[origin: WO2020143932A1] The invention relates to an application assembly (400; 600; 800), which has an application mechanism (414; 614; 814) with counter pressure cylinders (408; 608; 808), plate cylinders (402; 602; 802), and supply rollers (403; 603; 803); a positioning device (43); and a supply roller (403; 603; 803) storage device (21) that is arranged below the application mechanism (414; 614; 814) and has storage receptacles (22) for supply rollers (403; 603; 803) and a movable transfer device (23), by means of which the storage receptacles (22) can be arranged in different storage positions (28). One of the storage positions (28) is a changing position (34), and when a storage receptacle (22) is arranged in the changing position (34), a supply roller (403; 603; 803) can be transferred in an adjustment direction (B) between said storage receptacle (22) and a remote region of a roller adjustment path (33) which connects the storage device (21) to the application mechanism (414; 614; 814), said adjustment direction (B) deviating from a vertical direction (V) maximally by 45°. One of the storage positions (28) is a loading position (36), and when a storage receptacle (22) is arranged in the loading position (36), a supply roller (403; 603; 803) can be transferred in a loading direction (L) along a loading path (37) between said storage receptacle (22) and a loading region (38), said loading direction (L) deviating from at least one horizontal direction (C) maximally by 30°.

IPC 8 full level
B41F 31/30 (2006.01)

CPC (source: EP US)
B41F 5/24 (2013.01 - US); **B41F 13/24** (2013.01 - US); **B41F 31/30** (2013.01 - EP US); **B41F 31/307** (2013.01 - EP); **B41F 5/24** (2013.01 - EP); **B41F 13/0016** (2013.01 - EP); **B41P 2200/12** (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 102019100310 A1 20200709; CN 114126876 A 20220301; CN 114126876 B 20221125; EP 3908466 A1 20211117; EP 3908466 B1 20220907; JP 2021534024 A 20211209; JP 7021399 B2 20220216; US 11318731 B2 20220503; US 2021354441 A1 20211118; WO 2020143932 A1 20200716

DOCDB simple family (application)
DE 102019100310 A 20190108; CN 201980067606 A 20190822; EP 19758396 A 20190822; EP 2019072465 W 20190822; JP 2021520578 A 20190822; US 201917283632 A 20190822