

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 3908465 B1 20221102 (DE)

Application

EP 19758395 A 20190822

Priority

- DE 102019100309 A 20190108
- EP 2019072464 W 20190822

Abstract (en)

[origin: WO2020143931A1] 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); and a positioning device (43), wherein the positioning device (43) has a linear guide (07); the application assembly (400; 600; 800) has a supply roller (403; 603; 803) storage device (21), which is arranged preferably below the application mechanism (414; 614; 814), and storage receptacles (22) for receiving a respective supply roller (403; 603; 803); and the storage device (21) has a transfer device (23), by means of which the storage receptacles (22) can be arranged in different storage positions (28). A supply roller (403; 603; 803) can be moved along a linear roller adjustment path (33) by means of the positioning device (43), one end of the roller adjustment path being identical to a supply position (29) and the other end being identical to a storage device (21) storage position (38; 34) which is designed as a changing position (34), and the positioning device (43) preferably has at least one transfer support body (19) which is guided along the at least one linear guide (07) and/or is arranged in a movable manner in an adjustment direction (B) relative to the frame (427; 627; 827) of the flexible application mechanism (414; 614; 814) and on which at least one component (47) of a bearing receptacle (44) is arranged that is designed to receive a rolling bearing (27) arranged on the at least one supply roller (403; 603; 803).

IPC 8 full level

B41F 5/24 (2006.01); **B41F 13/00** (2006.01); **B41F 31/30** (2006.01)

CPC (source: EP US)

B41F 5/24 (2013.01 - EP US); **B41F 13/0016** (2013.01 - EP US); **B41F 13/30** (2013.01 - US); **B41F 31/30** (2013.01 - EP); **B41F 31/307** (2013.01 - EP US); **B41F 13/30** (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 102019100309 A1 20200709; CN 115551716 A 20221230; CN 115551716 B 20231003; EP 3908465 A1 20211117; EP 3908465 B1 20221102; JP 2021534023 A 20211209; JP 7021398 B2 20220216; US 11390068 B2 20220719; US 2021347167 A1 20211111; WO 2020143931 A1 20200716

DOCDB simple family (application)

DE 102019100309 A 20190108; CN 201980067542 A 20190822; EP 19758395 A 20190822; EP 2019072464 W 20190822; JP 2021520577 A 20190822; US 201917283619 A 20190822