

Title (en)

HANDLING CARRIAGE FOR THE CYLINDER OF A PRINTING UNIT IN A PRINTING MACHINE

Title (de)

SCHLITTEN FÜR DEN ZYLINDER EINER DRUCKEINHEIT EINER DRUCKMASCHINE

Title (fr)

CHARIOT DE MANIPULATION POUR CYLINDRE DE GROUPE IMPRIMEUR DANS UNE MACHINE D'IMPRESSION

Publication

EP 3927551 A1 20211229 (FR)

Application

EP 20706094 A 20200219

Priority

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- EP 2020025078 W 20200219

Abstract (en)

[origin: WO2020169256A1] A movable carriage (9) for handling a rotary cylinder (10) in a printing unit (2) of a printing machine (100), comprises:
- a frame (90) that is movable in a horizontal plane; - a support member (91) mounted on the frame, configured to support and hold the cylinder (10) such that its axis of rotation is oriented in a transverse direction; - a first drive device (902) configured to move the support member (91) in translation relative to the frame (90) in a vertical direction; - an actuator (92) mounted on the support member (91) and configured to cooperate with a cylinder (10) positioned at a distance above the support member (91); - a second drive device (910) configured to move the actuator (92) in translation relative to the support member (91), in a longitudinal direction; - a control circuit configured to control a first sequence including, successively: - raising of the support member (91); - longitudinal translation of the support member (91) in a first direction; - lowering of the support member (91); - longitudinal translation of the actuator (92) in the first direction.

IPC 8 full level

B41F 5/24 (2006.01); **B41F 13/34** (2006.01)

CPC (source: EP KR US)

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Designated extension state (EPC)

BA ME

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FR 3092789 A1 20200821; **FR 3092789 B1 20210219**; CN 113453904 A 20210928; CN 113453904 B 20230509; EP 3927551 A1 20211229; JP 2022521290 A 20220406; JP 7206409 B2 20230117; KR 102643195 B1 20240304; KR 20210116601 A 20210927; TW 202037495 A 20201016; TW I728714 B 20210521; US 11691409 B2 20230704; US 2022072845 A1 20220310; WO 2020169256 A1 20200827

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