

Title (en)

SHEET PROCESSING MACHINE WITH AT LEAST ONE SUPPLY SYSTEM, AND METHOD FOR CONTROLLING A SUPPLY SYSTEM OF A SHEET PROCESSING MACHINE

Title (de)

BOGENBEARBEITUNGSMASCHINE MIT ZUMINDEST EINEM ZUFÜHRSYSTEM UND VERFAHREN ZUR STEUERUNG EINES ZUFÜHRSYSTEMS EINER BOGENBEARBEITUNGSMASCHINE

Title (fr)

MACHINE DE TRAITEMENT DE FEUILLES DOTÉE D'AU MOINS UN SYSTÈME D'ALIMENTATION, ET PROCÉDÉ DE COMMANDE D'UN SYSTÈME D'ALIMENTATION D'UNE MACHINE DE TRAITEMENT DE FEUILLES

Publication

EP 3994086 B1 20230906 (DE)

Application

EP 20796508 A 20201015

Priority

- DE 102019129647 A 20191104
- EP 2020079031 W 20201015

Abstract (en)

[origin: WO2021089290A1] The invention relates to a sheet processing machine (01) with at least one supply system (202). The at least one supply system (202) comprises at least one transport means (204) with at least one respective upper mounting (206) and at least one respective lower mounting (207), and the at least one transport means (204) can be arranged and/or is arranged in at least three respective states, wherein at least one maximally closed state corresponds to a minimum distance, a minimally closed state corresponds to a maximum distance, and at least one intermediate state corresponds to at least one intermediate distance between at least one upper holding surface (233) at least of the respective upper mounting (206) of the at least one transport means (204) and the at least one lower holding surface (234) of the lower mounting (207) paired with the respective upper mounting (206) of the at least one transport means (204). During a machine cycle, the at least one transport means (204) is in the minimally closed state at least once, the maximally closed state at least once, and the at least one intermediate state at least once. The invention likewise relates to a method for controlling a supply system (202) of a sheet processing machine (01).

IPC 8 full level

B65H 11/00 (2006.01); **B41F 21/05** (2006.01); **B65H 5/14** (2006.01); **B65H 9/00** (2006.01); **B65H 9/04** (2006.01); **B65H 9/08** (2006.01); **B65H 9/10** (2006.01)

CPC (source: EP US)

B41F 21/00 (2013.01 - EP); **B41F 21/12** (2013.01 - EP US); **B41F 21/14** (2013.01 - EP); **B65H 5/14** (2013.01 - EP); **B65H 9/00** (2013.01 - EP); **B65H 9/04** (2013.01 - EP); **B65H 9/08** (2013.01 - EP US); **B65H 9/103** (2013.01 - EP); **B65H 9/20** (2013.01 - US); **B65H 11/007** (2013.01 - EP); **B65H 2301/44331** (2013.01 - EP); **B65H 2301/51538** (2013.01 - US); **B65H 2403/512** (2013.01 - EP); **B65H 2403/514** (2013.01 - US); **B65H 2405/581** (2013.01 - EP); **B65H 2511/212** (2013.01 - EP); **B65H 2511/22** (2013.01 - EP); **B65H 2513/51** (2013.01 - EP); **B65H 2801/21** (2013.01 - EP)

C-Set (source: EP)

B65H 2301/44331 + **B65H 2701/1311**

Citation (examination)

- DE 102014215803 B4 20170427 - KOENIG & BAUER AG [DE]
- DE 102015226322 B4 20201119 - KOENIG & BAUER AG [DE]
- DE 3305219 C2 19891116

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 102019129647 A1 20210506; CN 114341036 A 20220412; CN 114341036 B 20240126; EP 3994086 A1 20220511; EP 3994086 B1 20230906; ES 2961681 T3 20240313; JP 2022545126 A 20221025; JP 7255022 B2 20230410; US 11498789 B2 20221115; US 2022274797 A1 20220901; WO 2021089290 A1 20210514

DOCDB simple family (application)

DE 102019129647 A 20191104; CN 202080060151 A 20201015; EP 2020079031 W 20201015; EP 20796508 A 20201015; ES 20796508 T 20201015; JP 2022516445 A 20201015; US 202017638253 A 20201015