

Title (en)

SHEET PROCESSING MACHINE WITH LATERAL SUCTION DEVICE IN THE TRANSPORT PATH

Title (de)

BOGENBEARBEITUNGSMASCHINE MIT SEITENABSAUGEINRICHTUNG IM TRANSPORTWEG

Title (fr)

MACHINE DE TRAITEMENT DE FEUILLES DE PAPIER COMPRENANT UN DISPOSITIF D'ASPIRATION DE FEUILLES DANS LA TRAJECTOIRE DE TRANSPORT

Publication

EP 3768442 A1 20210127 (DE)

Application

EP 19713414 A 20190321

Priority

- DE 102018204319 A 20180321
- EP 2019057058 W 20190321

Abstract (en)

[origin: WO2019180123A1] The invention relates to a sheet processing machine (01) which has at least one transport path provided for transporting sheets (02) at least in one transport direction (T). A transverse direction (A) is a horizontal direction which is oriented orthogonally to the transport direction (T), and a thickness direction (D) is oriented orthogonally to the transport direction (T) as well as orthogonally to the transverse direction (A). At least one lateral suction device (124) is arranged along the transport path provided for sheets (02), and the at least one lateral suction device (124) has at least one lateral suction element (126) which has at least one lateral suction opening (129). The at least one lateral suction opening (129) is dimensioned so as to be at least 1 mm in the thickness direction (D) and/or at least 10 mm in the transport direction (T), or at least one straight line (G) oriented parallel to the transverse direction (A) intersects the transport path provided for transporting sheets (02) as well as the at least one lateral suction opening (129).

IPC 8 full level

B08B 5/04 (2006.01); **B41F 22/00** (2006.01); **B41F 23/00** (2006.01)

CPC (source: EP)

B08B 5/043 (2013.01); **B41F 22/00** (2013.01); **B41F 23/002** (2013.01); **B41P 2235/27** (2013.01); **B65H 2404/1112** (2013.01)

Citation (search report)

See references of WO 2019180123A1

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

DOCDB simple family (publication)

WO 2019180123 A1 20190926; DE 102018204319 A1 20190926; EP 3768442 A1 20210127; EP 3768442 B1 20220413

DOCDB simple family (application)

EP 2019057058 W 20190321; DE 102018204319 A 20180321; EP 19713414 A 20190321