

Title (en)

DELIVERY UNIT OF A SHEET-PROCESSING MACHINE AND METHOD FOR OPERATING A SHEET-PROCESSING MACHINE

Title (de)

AUSLEGER EINER BOGENVERARBEITENDEN MASCHINE UND VERFAHREN ZUM BETRIEB EINER BOGENVERARBEITENDEN MASCHINE

Title (fr)

DISPOSITIF DE SORTIE D'UNE MACHINE DE TRAITEMENT DE FEUILLES ET PROCÉDÉ POUR FAIRE FONCTIONNER UNE MACHINE DE TRAITEMENT DE FEUILLES

Publication

EP 3077307 A2 20161012 (DE)

Application

EP 14806645 A 20141204

Priority

- DE 102013224801 A 20131204
- DE 102013224802 A 20131204
- EP 2014076586 W 20141204

Abstract (en)

[origin: WO2015082622A2] The invention relates to a delivery unit of a sheet-processing machine having a sheet-conveying system that transports sheets to a delivery stack and having a sheet front edge of the sheets at at least two front edge stops. The invention further relates to a method for operating a sheet-processing machine, in which at least one detection unit is provided, which monitors the position of the sheets in a contactless manner, and in which the at least one detection unit is designed to monitor at least one point that is downstream in the sheet transport direction of a stop plane spanned by the at least two front edge stops. The problem addressed by the invention is that of creating a delivery unit of a sheet-processing machine. In particular, the delivery unit is designed in such a manner that damage caused by entrained sheets can be reliably excluded and the efficiency of the machine is increased. According to the invention, the problem is solved in that the at least one monitored point (P) lies within a region (B) that extends 100 mm in the sheet transport direction (15), starting from the stop plane (e).

IPC 8 full level

B65H 29/04 (2006.01); **B65H 29/58** (2006.01); **B65H 43/04** (2006.01)

CPC (source: CN EP)

B65H 29/041 (2013.01 - CN EP); **B65H 29/585** (2013.01 - CN EP); **B65H 43/04** (2013.01 - CN EP); **B65H 2301/44331** (2013.01 - EP); **B65H 2301/531** (2013.01 - CN EP); **B65H 2406/12** (2013.01 - CN EP); **B65H 2511/24** (2013.01 - CN EP); **B65H 2511/51** (2013.01 - CN EP); **B65H 2513/512** (2013.01 - CN EP); **B65H 2553/30** (2013.01 - CN EP); **B65H 2553/414** (2013.01 - CN EP); **B65H 2701/176** (2013.01 - EP)

Citation (search report)

See references of WO 2015082622A2

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 2015082622 A2 20150611; **WO 2015082622 A3 20150820**; CN 105793179 A 20160720; CN 105793179 B 20170714; DE 102014224895 A1 20150611; EP 3077307 A2 20161012; EP 3077307 B1 20171122

DOCDB simple family (application)

EP 2014076586 W 20141204; CN 201480065700 A 20141204; DE 102014224895 A 20141204; EP 14806645 A 20141204