

Title (en)

LATERAL SHEET ALIGNMENT

Title (de)

SEITLICHE BOGENAUSRICHTUNG

Title (fr)

ORIENTATION LATÉRALE DE FEUILLES

Publication

EP 3497045 B1 20210526 (DE)

Application

EP 17751075 A 20170805

Priority

- DE 102016114989 A 20160812
- DE 102017117790 A 20170804
- EP 2017069875 W 20170805

Abstract (en)

[origin: WO2018029118A1] The invention relates to a method and to an arrangement for laterally aligning sheets which are conveyed in a conveying direction 2 to a sheet-processing machine, in which the sheets to be printed are detected in a starting position by means of a lateral pulling element, which is arranged beneath or in the feed table 1 and can be driven in time with the incoming sheets by a drive to form a lateral pulling movement, and are conveyed as far as a lateral alignment position. The sheet is detected by a sensor 15 in the lateral alignment position and measured in respect of lateral position and position over the feed table 1. A control valve 19 and a solenoid valve 12 for influencing an ejector element 13.2 for drawing in sheets to be aligned are driven by way of a control unit 16 by means of corresponding signals.

IPC 8 full level

B65H 7/02 (2006.01); **B65H 9/10** (2006.01)

CPC (source: EP)

B65H 7/02 (2013.01); **B65H 9/105** (2013.01); **B65H 2406/3661** (2013.01); **B65H 2511/20** (2013.01); **B65H 2513/50** (2013.01);
B65H 2515/34 (2013.01); **B65H 2701/1315** (2013.01); **B65H 2801/21** (2013.01)

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)

WO 2018029118 A1 20180215; CN 109661364 A 20190419; DE 102017117790 A1 20180215; EP 3497045 A1 20190619;
EP 3497045 B1 20210526; JP 2019531919 A 20191107

DOCDB simple family (application)

EP 2017069875 W 20170805; CN 201780049431 A 20170805; DE 102017117790 A 20170804; EP 17751075 A 20170805;
JP 2019507087 A 20170805