

Title (en)

Device and method for positioning sheets

Title (de)

Verfahren und Vorrichtung zum Positionieren von Bogen

Title (fr)

Procédé et dispositif destinés à positionner des feuilles

Publication

EP 2407402 A3 20130904 (DE)

Application

EP 11172473 A 20110704

Priority

DE 102010027119 A 20100714

Abstract (en)

[origin: EP2407402A2] The method involves measuring a position of a sheet (6) in a transverse direction, and measuring the position of the sheet in a circumferential direction and an inclined direction. Required correction motion is determined in the transverse, circumferential and inclined directions. The sheet is aligned in the transverse direction by motion of a clamping device. A gripping device (8) is positioned in the circumferential and inclined directions. The sheet is transferred from the clamping device to the gripping device while the gripping device is provided in a sheet transfer position. An independent claim is also included for a device for positioning sheets.

IPC 8 full level

B65H 9/00 (2006.01); **B65H 7/06** (2006.01); **B65H 9/10** (2006.01); **B65H 9/12** (2006.01); **B65H 11/00** (2006.01)

CPC (source: EP)

B26D 5/00 (2013.01); **B26F 1/38** (2013.01); **B65H 7/06** (2013.01); **B65H 9/002** (2013.01); **B65H 9/103** (2013.01); **B65H 9/12** (2013.01); **B65H 11/00** (2013.01); **B65H 2301/44331** (2013.01); **B65H 2511/20** (2013.01); **B65H 2511/24** (2013.01); **B65H 2513/40** (2013.01); **B65H 2701/176** (2013.01); **B65H 2801/42** (2013.01)

Citation (search report)

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- [A] US 2008006992 A1 20080110 - INOUE HIROSHIGE [JP]
- [A] US 2007145667 A1 20070628 - PASUCH MICHAEL [DE], et al

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RU2700093C1; CN102922786A; US11401124B2; US11597200B2; US10717616B2; WO2020216521A1; WO2017202498A1

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)

EP 2407402 A2 20120118; **EP 2407402 A3 20130904**; **EP 2407402 B1 20141008**; CN 102336054 A 20120201; CN 102336054 B 20150422; DE 102010027119 A1 20120119

DOCDB simple family (application)

EP 11172473 A 20110704; CN 201110201598 A 20110714; DE 102010027119 A 20100714