

Title (en)

Method and device for precisely aligning a product with respect to a binding device

Title (de)

Verfahren und Vorrichtung zur genauen Ausrichtung eines zu heftenden Produktes in Bezug auf eine Heftvorrichtung

Title (fr)

Méthode et dispositif pour aligner précisément un produit par rapport à un dispositif de reliure

Publication

EP 1291197 B1 20080220 (DE)

Application

EP 02015618 A 20020716

Priority

DE 10143571 A 20010905

Abstract (en)

[origin: EP1291197A2] The gather-stitcher has at least one sensor (14) for determining the position of the product being stitched. The sensor(s) are/is positioned immediately in front of the stitcher, in the direction of the gather-chain's (13) travel. An evaluation unit compares the actual position with the expected position of the product being stitched. A control unit feeds any deviation in position as a regulating variable of at least one drive unit.

IPC 8 full level

B42B 4/00 (2006.01)

CPC (source: EP US)

B42B 4/00 (2013.01 - EP US); **Y10T 29/49** (2015.01 - EP US)

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LI LU MC NL PT SE SK TR

DOCDB simple family (publication)

EP 1291197 A2 20030312; **EP 1291197 A3 20040204**; **EP 1291197 B1 20080220**; AT E386644 T1 20080315; DE 10143571 A1 20030320; DE 50211723 D1 20080403; US 2003061700 A1 20030403; US 6899325 B2 20050531

DOCDB simple family (application)

EP 02015618 A 20020716; AT 02015618 T 20020716; DE 10143571 A 20010905; DE 50211723 T 20020716; US 23509702 A 20020905