Title (en)

Method for positionning plate-shaped products in a feeding station of a treatment machine and device for carrying out the method

Title (de)

Verfahren zum Positionieren von plattenförmigen Gegenständen in der Zuführstation einer Verarbeitungsmaschine und Vorrichtung zur Durchführung des Verfahrens

Title (fr)

Procédé de positionnement d'éléments en plaque dans la station d'introduction d'une machine de traitement et dispositif pour la mise en oeuvre du procédé

Publication

EP 1044908 B1 20030528 (FR)

Application

EP 00105172 A 20000311

Priority

CH 67199 A 19990409

Abstract (en)

[origin: EP1044908A1] Method comprises attaching sheet (5) with clamps (16, 22) on tray (14); and controlling actuators (50, 60) to move tray forw or aside depending on readings from optoelectronic means. When sheet is placed in clamps (12) at predetermined position, clamps 22) are released, and tray moves back to its original position. An Independent claim is also included for the positioning apparatus.

IPC 1-7

B65H 5/10; B65H 7/08; B65H 7/10

IPC 8 full level

B41F 21/05 (2006.01); **B41F 21/12** (2006.01); **B41F 21/14** (2006.01); **B41F 33/14** (2006.01); **B65H 5/08** (2006.01); **B65H 9/00** (2006.01); **B65H 9/10** (2006.01)

CPC (source: EP US)

B65H 5/085 (2013.01 - EP US); **B65H 5/10** (2013.01 - EP US); **B65H 9/10** (2013.01 - EP US); B65H 2301/44331 (2013.01 - EP); B65H 2511/23 (2013.01 - EP US); B65H 2553/41 (2013.01 - EP US)

Cited by

EP1772405A1; WO2011009567A1; EP2014589A3; KR101273058B1; EP1151833A3; EP1739039A3; KR101285421B1; WO2010086087A1; DE102011116220A1; WO2010063380A1; US7603198B2; US8667658B2; US8960410B2; US10717616B2

Designated contracting state (EPC)

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DOCDB simple family (publication)

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DOCDB simple family (application)

EP 00105172 A 20000311; AT 00105172 T 20000311; AU 2265600 A 20000329; BR 0001565 A 20000407; CA 2304419 A 20000403; CH 67199 A 19990409; CN 00105812 A 20000407; DE 60002942 T 20000311; DK 00105172 T 20000311; ES 00105172 T 20000311; JP 2000108279 A 20000410; KR 20000018619 A 20000410; TW 89104234 A 20000309; US 52550400 A 20000315