

Title (en)

DEVICE FOR THE LATERAL POSITIONING OF A PLATE ELEMENT COMPRISING MEANS FOR DETECTING SUPERPOSED ELEMENTS.

Title (de)

VORRICHTUNG ZUR SEITLICHEN POSITIONIERUNG EINES PLATTENELEMENTS MIT MITTELN ZUM DETEKTIEREN VON ÜBERLAPPENDEN GEGENSTÄNDEN.

Title (fr)

DISPOSITIF DE POSITIONNEMENT LATERAL D'UN ELEMENT EN PLAQUE

Publication

**EP 3209585 B1 20210310 (FR)**

Application

**EP 15785054 A 20151008**

Priority

- EP 14003628 A 20141024
- EP 2015025071 W 20151008

Abstract (en)

[origin: WO2016062411A1] The invention relates to a device (100) for laterally positioning a plate element (20, 20') in a machine for processing plate elements, comprising a detection lever (130) that is hinged about a horizontal axis and is capable of carrying out a downward movement from a high position to a low position. A first end (132) of the detection lever (130) is arranged so as to come into contact, in the low position, with an upper surface of the plate element (20, 20'). A second end (133) of the detection lever (130) is provided with a target (135) that interacts with a position detector (140) in order to generate a signal dependant on the thickness of the plate element (20, 20') and on the number of plate elements (20, 20') present in the region of the first end (132) of the detection lever (130).

IPC 8 full level

**B65H 7/12** (2006.01); **B65H 9/10** (2006.01)

CPC (source: CN EP KR US)

**B65H 5/10** (2013.01 - US); **B65H 7/12** (2013.01 - CN EP KR US); **B65H 9/10** (2013.01 - US); **B65H 9/106** (2013.01 - CN EP KR US);  
B41F 21/00 (2013.01 - US); **B65H 5/00** (2013.01 - US); **B65H 2220/01** (2013.01 - CN); **B65H 2220/03** (2013.01 - CN);  
**B65H 2220/11** (2013.01 - CN); **B65H 2511/112** (2013.01 - KR); **B65H 2511/13** (2013.01 - CN EP KR US);  
**B65H 2511/212** (2013.01 - CN EP US); **B65H 2511/23** (2013.01 - US); **B65H 2511/524** (2013.01 - CN EP KR US); **B65H 2553/40** (2013.01 - US);  
**B65H 2553/61** (2013.01 - CN EP KR US); **B65H 2701/1315** (2013.01 - CN EP KR US); **B65H 2801/42** (2013.01 - CN EP KR US)

C-Set (source: EP US)

1. **B65H 2511/524 + B65H 2220/03**
2. **B65H 2511/212 + B65H 2220/01 + B65H 2220/11**
3. **B65H 2511/13 + B65H 2220/03**
4. **B65H 2701/1315 + B65H 2220/01**

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 2016062411 A1 20160428**; BR 112017007684 A2 20171219; BR 112017007684 B1 20211116; CN 107107368 A 20170829;  
CN 107107368 B 20190503; EP 3209585 A1 20170830; EP 3209585 B1 20210310; ES 2865476 T3 20211015; JP 2017533157 A 20171109;  
JP 6526806 B2 20190605; KR 101978079 B1 20190513; KR 20170073658 A 20170628; TW 201628955 A 20160816; TW I572545 B 20170301;  
US 10005631 B2 20180626; US 2017305695 A1 20171026

DOCDB simple family (application)

**EP 2015025071 W 20151008**; BR 112017007684 A 20151008; CN 201580071119 A 20151008; EP 15785054 A 20151008;  
ES 15785054 T 20151008; JP 2017522406 A 20151008; KR 20177013827 A 20151008; TW 104133488 A 20151013;  
US 201515520489 A 20151008