

Title (en)

Device for aligning sheets with articulated arm bearing

Title (de)

Vorrichtung zum Ausrichten von Bogen mit Gelenkarmlagerung

Title (fr)

Dispositif d'orientation de feuilles doté d'un logement à bras articulé

Publication

EP 2706029 A3 20171108 (DE)

Application

EP 13178662 A 20130731

Priority

DE 102012017634 A 20120906

Abstract (en)

[origin: EP2706029A2] The device (60) has an aligning apparatus (61) for aligning a curved element (6) in a transport plane. A holding element holds the element, and a drive is attached to the apparatus for moving the apparatus. A two-piece joint arm (64) supports the apparatus, and has first, second and third joints (64.1) and two couplers (64.2). The first joint couples one of the couplers with a machine frame (5), and the second joint couples the couplers with one another. The third joint connects another coupler with the apparatus, where each joint has a rotational axis aligned perpendicular to the plane. The holding element is designed as a suction plate.

IPC 8 full level

B65H 9/10 (2006.01); **B65H 11/00** (2006.01)

CPC (source: EP)

B65H 9/103 (2013.01); **B65H 11/00** (2013.01); **B65H 2301/44331** (2013.01); **B65H 2403/53** (2013.01); **B65H 2403/5321** (2013.01); **B65H 2801/42** (2013.01)

Citation (search report)

- [XPA] DE 102011114707 A1 20130404 - HEIDELBERGER DRUCKMASCH AG [DE]
- [AD] DE 60002942 T2 20040311 - BOBST SA [CH]
- [A] DE 102006025074 A1 20070104 - HEIDELBERGER DRUCKMASCH AG [DE]

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 2706029 A2 20140312; **EP 2706029 A3 20171108**; **EP 2706029 B1 20190116**; CN 103662906 A 20140326; CN 103662906 B 20161123; DE 102013012883 A1 20140306; ES 2711538 T3 20190506

DOCDB simple family (application)

EP 13178662 A 20130731; CN 201310378895 A 20130827; DE 102013012883 A 20130801; ES 13178662 T 20130731