

Title (en)

DEVICE AND METHOD FOR ALIGNING LOOSE ITEMS OF SHEET MATERIAL

Title (de)

VORRICHTUNG UND VERFAHREN ZUM AUSRICHTEN VON LOSEN FLÄCHENGEBILDEN

Title (fr)

DISPOSITIF ET PROCÉDÉ POUR ORIENTER DES STRUCTURES PLANES EN VRAC

Publication

**EP 3080022 B1 20170614 (DE)**

Application

**EP 15781569 A 20151002**

Priority

- CH 16892014 A 20141105
- CH 2015000148 W 20151002

Abstract (en)

[origin: WO2016011565A2] The invention relates to a device (1) and associated method for aligning loose items of sheet material (2), such as, for example, banknotes. The device comprises a conveying channel (3) in which the items of sheet material (2), standing on one of their long edges or broad edges, are transported through a conveying device in conveying direction (F). During transportation, one or more profiled members (13) act such that those items of sheet material (2) standing on their broad edges are tipped over onto their narrow edges.

IPC 8 full level

**B65H 5/00** (2006.01); **B65H 9/04** (2006.01); **B65H 31/24** (2006.01)

CPC (source: EP)

**B65H 5/008** (2013.01); **B65H 9/04** (2013.01); **B65H 31/24** (2013.01); **B65H 43/06** (2013.01); **G07D 11/17** (2018.12); **B65H 2301/321** (2013.01); **B65H 2301/33216** (2013.01); **B65H 2301/33222** (2013.01); **B65H 2301/4214** (2013.01); **B65H 2301/441** (2013.01); **B65H 2404/692** (2013.01); **B65H 2405/211** (2013.01); **B65H 2405/331** (2013.01); **B65H 2701/1912** (2013.01); **B65H 2701/1936** (2013.01)

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 2016011565 A2 20160128**; **WO 2016011565 A3 20160317**; CH 710329 A2 20160513; EP 3080022 A2 20161019; EP 3080022 B1 20170614; ES 2638785 T3 20171024

DOCDB simple family (application)

**CH 2015000148 W 20151002**; CH 16892014 A 20141105; EP 15781569 A 20151002; ES 15781569 T 20151002