

Title (en)

DEVICE AND METHOD FOR CONTROLLING THE TRACKING OF A VALUE DOCUMENT STACK

Title (de)

VORRICHTUNG UND VERFAHREN ZUR STEUERUNG DER NACHFÜHRUNG EINES WERTDOKUMENTSTAPELS

Title (fr)

DISPOSITIF ET PROCÉDÉ DE COMMANDE DU GUIDAGE PRÉCIS D'UNE PILE DE DOCUMENTS DE VALEUR

Publication

**EP 2892835 B1 20161109 (DE)**

Application

**EP 13759983 A 20130906**

Priority

- DE 102012017770 A 20120907
- EP 2013002690 W 20130906

Abstract (en)

[origin: WO2014037119A1] In order to continuously separate value documents from a value document stack (10), the value document stack is lifted and tracked to the separator (30). In order to control the tracking of the value document stack, an image of one side of the value document stack is taken and evaluated in order to recognize the edges of the individual value documents. The tracking of the value document stack is controlled on the basis of the number of value document edges which are detected in the image taken. If, however, the number of value document edges cannot be detected or can be detected only insufficiently, a brightness of the image in this image portion is also determined. When separating the value documents shown in this image portion, the tracking of the value document stack is controlled on the basis of the brightness detected in this image portion.

IPC 8 full level

**B65H 1/02** (2006.01); **B65H 1/14** (2006.01); **B65H 7/14** (2006.01)

CPC (source: EP RU US)

**B65H 1/02** (2013.01 - RU); **B65H 1/025** (2013.01 - EP US); **B65H 1/04** (2013.01 - US); **B65H 1/08** (2013.01 - US); **B65H 1/14** (2013.01 - EP US);  
**B65H 7/04** (2013.01 - EP US); **B65H 7/14** (2013.01 - EP US); **B65H 7/20** (2013.01 - US); **B65H 2511/30** (2013.01 - EP US);  
**B65H 2513/10** (2013.01 - EP US); **B65H 2513/40** (2013.01 - EP US); **B65H 2515/60** (2013.01 - EP US); **B65H 2553/42** (2013.01 - EP US);  
**B65H 2701/1912** (2013.01 - EP US)

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 2014037119 A1 20140313**; CN 104487368 A 20150401; CN 104487368 B 20160817; DE 102012017770 A1 20140403;  
EP 2892835 A1 20150715; EP 2892835 B1 20161109; IN 2742KON2014 A 20150508; RU 2015101157 A 20160810; RU 2632323 C2 20171004;  
US 2015274467 A1 20151001; US 9216869 B2 20151222

DOCDB simple family (application)

**EP 2013002690 W 20130906**; CN 201380038819 A 20130906; DE 102012017770 A 20120907; EP 13759983 A 20130906;  
IN 2742KON2014 A 20141127; RU 2015101157 A 20130906; US 201314426923 A 20130906