

Title (en)

APPARATUS FOR SEPARATING SHEET MATERIAL

Title (de)

VORRICHTUNG FÜR DIE VEREINZELUNG VON BLATTGUT

Title (fr)

DISPOSITIF DE SÉPARATION D'UN PRODUIT À FEUILLES

Publication

EP 3307660 A1 20180418 (DE)

Application

EP 16727308 A 20160607

Priority

- DE 102015007463 A 20150609
- EP 2016000937 W 20160607

Abstract (en)

[origin: WO2016198157A1] The invention relates to an apparatus for the continuous separation of stacks of loose sheet material, in particular of banknotes, vouchers, checks, separating cards, etc. The invention is based on the finding that, in an apparatus for the continuous separation of loose sheet material, having a separator (5) for separating stacks of loose sheet material (BN) and a feed device (2, 3) comprising two feed elements, which moves the stack of loose sheet material to be separated into a position in which the sheet material is gripped by the separator and is transferred to a transport system, and an area (8, 9) for holding sheet material to be separated, having a first sub area (9) and a second sub area (8), wherein the first and second sub area adjoin each other and the second sub area forms an input area for the input of the sheet material to be separated, wherein the first feed element (3) is arranged in the area and moves within the entire area, between the first position (10) and a third position (12), which forms an end position, but at least in the first sub area, between a second and the third position, wherein the second position (11) separates the first from the second sub area, a monitoring device (30) is provided for the first sub area in order to determine banknotes located in the first sub area underneath the first feed element.

IPC 8 full level

B65H 1/26 (2006.01); **B65H 7/06** (2006.01)

CPC (source: EP US)

B65H 1/263 (2013.01 - EP US); **B65H 7/06** (2013.01 - EP US); **B65H 7/14** (2013.01 - US); **B65H 2511/51** (2013.01 - EP US); **B65H 2511/52** (2013.01 - EP US); **B65H 2701/1912** (2013.01 - EP US)

Citation (search report)

See references of WO 2016198157A1

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)

DE 102015007463 A1 20161215; EP 3307660 A1 20180418; EP 3307660 B1 20190417; US 10138080 B2 20181127; US 2018162666 A1 20180614; WO 2016198157 A1 20161215

DOCDB simple family (application)

DE 102015007463 A 20150609; EP 16727308 A 20160607; EP 2016000937 W 20160607; US 201615735004 A 20160607