

Title (en)

BUNDLED BANKNOTE DETECTION AND DISTRIBUTION SYSTEM

Title (de)

SYSTEM ZUR DETEKTION UND VERTEILUNG VON GEBÜNDELTEN BANKNOTEN

Title (fr)

SYSTÈME DE DÉTECTION ET DE DISTRIBUTION DE BILLETS DE BANQUE EN LIASSE

Publication

**EP 3690831 A1 20200805 (EN)**

Application

**EP 18861822 A 20180926**

Priority

- CN 201710880668 A 20170926
- CN 2018107743 W 20180926

Abstract (en)

A bundled banknote detection and distribution system, comprising: a rotating mechanism (1), configured for receiving and sorting bundled banknotes; a detection mechanism (2), fixed to the upper portion of the rotating mechanism (1) and configured for detecting the received bundled banknotes; and a bundled banknote lifting and distribution mechanism (3), corresponding to the rotating mechanism (1) and configured for distributing the detected qualified bundled banknotes to an external assembly line. Various functions such as bundled banknote detection, steering and distribution are integrated on one device, which may reduce the overall design complexity of a sorting and distribution assembly line system, and achieve more convenient overall banknote processing.

IPC 8 full level

**G07D 11/00** (2019.01)

CPC (source: CN EP)

**B65H 31/3054** (2013.01 - EP); **B65H 31/3063** (2013.01 - EP); **B65H 31/3081** (2013.01 - EP); **G07D 11/16** (2018.12 - CN EP); **G07D 11/18** (2018.12 - EP); **G07D 11/22** (2018.12 - EP); **G07D 11/50** (2018.12 - CN); **B65H 2301/33216** (2013.01 - EP); **B65H 2301/33222** (2013.01 - EP); **B65H 2402/351** (2013.01 - EP); **B65H 2403/41** (2013.01 - EP); **B65H 2404/2641** (2013.01 - EP); **B65H 2701/1829** (2013.01 - EP); **B65H 2701/1912** (2013.01 - EP)

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 3690831 A1 20200805**; **EP 3690831 A4 20201118**; **EP 3690831 A8 20201223**; CN 107481408 A 20171215; WO 2019062777 A1 20190404

DOCDB simple family (application)

**EP 18861822 A 20180926**; CN 201710880668 A 20170926; CN 2018107743 W 20180926