

Title (en)

METHOD FOR DETECTING OPENED POSTAL ITEMS SUCH AS ENVELOPE-FREE MAGAZINES

Title (de)

VERFAHREN ZUR ERKENNUNG GEÖFFNETER POSTSENDUNGEN, Z.B. UMSCHLAGLOSER MAGAZINE

Title (fr)

PROCÉDÉ POUR DÉTECTER DES ENVOIS POSTAUX OUVERTS TELS QUE MAGAZINES SANS ENVELOPPE

Publication

EP 2424802 B1 20121212 (FR)

Application

EP 10727030 A 20100423

Priority

- FR 2010050781 W 20100423
- FR 0952779 A 20090428

Abstract (en)

[origin: WO2010125286A1] The invention relates to a method for detecting an opened postal item such as an envelope-free magazine, that comprises passing the item (3) on the edge thereof into a first conveyor (2A) adapted for moving the item (3) by clamping while holding it tight on substantially the entire height of the item, and into a second conveyor (2B) adapted for moving the item (3) by clamping while leaving the upper end (3B) of the item free to open as a fan. Two measurements of the thickness of the item (3) are carried out respectively when the item is in the first and second conveyor (2A, 2B) in order to determine by differential comparison of the two measurements if the item is an opened item.

IPC 8 full level

B07C 1/00 (2006.01); **B65H 29/12** (2006.01); **B65H 43/04** (2006.01)

CPC (source: EP US)

B07C 1/00 (2013.01 - EP US); **B65H 29/12** (2013.01 - EP US); **B65H 43/04** (2013.01 - EP US); **B65H 2301/321** (2013.01 - EP US); **B65H 2553/42** (2013.01 - EP US); **B65H 2701/13214** (2013.01 - EP US); **B65H 2701/1932** (2013.01 - EP US)

Designated contracting state (EPC)

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 SE SI SK SM TR

DOCDB simple family (publication)

FR 2944718 A1 20101029; FR 2944718 B1 20110401; EP 2424802 A1 20120307; EP 2424802 B1 20121212; ES 2398080 T3 20130313; US 2011052362 A1 20110303; US 8371581 B2 20130212; WO 2010125286 A1 20101104

DOCDB simple family (application)

FR 0952779 A 20090428; EP 10727030 A 20100423; ES 10727030 T 20100423; FR 2010050781 W 20100423; US 81104110 A 20100423