

Title (en)

Method and device for diverting flat objects

Title (de)

Verfahren und Vorrichtung zum Umlenken flacher Gegenstände

Title (fr)

Procédé et dispositif de détournement d'objets plats

Publication

EP 1930268 A3 20100113 (DE)

Application

EP 07122567 A 20071206

Priority

DE 102006057776 A 20061207

Abstract (en)

[origin: DE102006057776B3] The method involves transporting an object (Se1) and another object in a row in a start direction (S-R), so that a gap is provided between them. The former object is diverted into a target direction (Z-R) and is transported again in to the target-direction. The sum of the thickness of the both the objects is determined, if the thickness sum is small or same of a specified thickness limit, which releases the continuation of the transport of the former object by guiding devices, and if the thickness sum is greater or same of the specified thickness limit. Independent claims are also included for the following: (1) a device for transport of double layered objects (2) an equipment for automatic stacking of double layered objects.

IPC 8 full level

B65H 29/12 (2006.01)

CPC (source: EP US)

B07C 1/16 (2013.01 - EP US); **B65H 29/12** (2013.01 - EP US); **B65H 29/6618** (2013.01 - EP US); **B65H 2301/342** (2013.01 - EP US); **B65H 2301/42146** (2013.01 - EP US); **B65H 2301/4474** (2013.01 - EP US); **B65H 2404/2691** (2013.01 - EP US); **B65H 2511/13** (2013.01 - EP US); **B65H 2511/22** (2013.01 - EP US); **B65H 2513/40** (2013.01 - EP US); **B65H 2701/1916** (2013.01 - EP US)

Citation (search report)

- [DA] EP 0915051 A1 19990512 - SIEMENS AG [DE]
- [A] DE 3723259 A1 19890126 - LICENTIA GMBH [DE]
- [A] US 4245832 A 19810120 - KLENK EMIL, et al

Cited by

EP2794130B1; EP2794130B2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK RS

DOCDB simple family (publication)

DE 102006057776 B3 20080131; EP 1930268 A2 20080611; EP 1930268 A3 20100113; US 2008211178 A1 20080904; US 7744084 B2 20100629

DOCDB simple family (application)

DE 102006057776 A 20061207; EP 07122567 A 20071206; US 99969107 A 20071206