

Title (en)

Method and device for the formation of a stream of flat articles of different type, in particular a stream of articles fed for stacking

Title (de)

Verfahren und Vorrichtung zur Erstellung eines Stromes aus flachen Gegenständen verschiedener Typen, insbesondere eines Zuführungsstromes für eine Stapelung

Title (fr)

Méthode et dispositif pour la formation d'un courant d'articles plats de type différent, en particulier un courant d'articles pour un empilage

Publication

**EP 1475329 B1 20081231 (DE)**

Application

**EP 04405187 A 20040326**

Priority

CH 8082003 A 20030508

Abstract (en)

[origin: EP1475329A1] The method is for the creating of a stream of flat objects of different object types (A,B,C), whereby by a number of feed guides (23.1,23.2,23,3) each allocated to an object type, objects are laid upon a transporting surface (22). Overlapping formations (26.1,26.2,26.3), each comprising at least one object, are made available in the feed guides and are then laid on the transporting surface each as a whole. The overlapping formations are made available in an intermediate conveyor (24), whereby the objects from a source (25) are fed to the inlet of the intermediate conveyor and then delivered from its outlet to the transporting surface. Independent claims are also included for the following: (a) a device for the creating of a stream of flat objects of different object types; and (b) a use for the proposed method which is to create a feed stream of printed products to a stacking device.

IPC 8 full level

**B65H 33/16** (2006.01); **B65H 39/00** (2006.01); **B65H 29/66** (2006.01); **B65H 39/02** (2006.01)

CPC (source: EP US)

**B65H 29/6609** (2013.01 - EP US); **B65H 33/16** (2013.01 - EP US); **B65H 39/02** (2013.01 - EP US); **B65H 2301/44732** (2013.01 - EP US)

C-Set (source: EP US)

**B65H 2301/44732** + **B65H 2220/01** + **B65H 2220/02**

Cited by

CH704786A1; EP1900666A4; DE102006011642A1; CH703277A1; EP2397431A3; US8789683B2; US7665721B2; WO2011070031A1; EP2107023A1; US7845485B2; US8733752B2; EP1762525B2

Designated contracting state (EPC)

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

DOCDB simple family (publication)

**EP 1475329 A1 20041110**; **EP 1475329 B1 20081231**; AT E419211 T1 20090115; AU 2004201323 A1 20041125; AU 2004201323 B2 20100617; CA 2466710 A1 20041108; CA 2466710 C 20111213; DE 502004008756 D1 20090212; DK 1475329 T3 20090414; ES 2319420 T3 20090507; PL 1475329 T3 20090831; RU 2004112087 A 20051010; RU 2359898 C2 20090627; US 2004256786 A1 20041223; US 7281709 B2 20071016

DOCDB simple family (application)

**EP 04405187 A 20040326**; AT 04405187 T 20040326; AU 2004201323 A 20040329; CA 2466710 A 20040507; DE 502004008756 T 20040326; DK 04405187 T 20040326; ES 04405187 T 20040326; PL 04405187 T 20040326; RU 2004112087 A 20040421; US 83919104 A 20040505