

Title (en)

DEVICE AND METHOD FOR DISTRIBUTING FLAT OBJECTS USING A TRANSPORT SECTION

Title (de)

VORRICHTUNG UND VERFAHREN ZUM AUSLEGEN VON FLACHEN GEGENSTÄNDEN MITTELS EINER FÖRDERSTRECKE

Title (fr)

DISPOSITIF ET PROCEDE POUR SORTIR DES OBJETS PLATS AU MOYEN D'UNE SECTION DE TRANSPORT

Publication

**EP 1673300 A1 20060628 (DE)**

Application

**EP 04791215 A 20041013**

Priority

- EP 2004052525 W 20041013
- DE 10347572 A 20031014

Abstract (en)

[origin: WO2005035409A1] The invention relates to a device and a method for distributing flat objects by means of a transport section (03) for transporting a stream of flat objects to be distributed and a plurality N of paddle wheels (08) comprising at least one respective compartment (11) that is delimited by a paddle (09) for receiving an object from the transport section (03) and distributing the object to a distribution point (17). The invention is characterised in that the paddle wheels (08), which are positioned one behind the other along the transport section (03) and make contact with the latter (03), can be rotated in relation to one another with a phase shift that permits each of N objects that are transported along the transport section (03) to be received by a compartment of a different paddle wheel (08).

IPC 1-7

**B65H 29/58**; **B65H 29/40**; **B41F 13/54**

IPC 8 full level

**B41F 13/54** (2006.01); **B65H 29/12** (2006.01); **B65H 29/40** (2006.01); **B65H 29/58** (2006.01)

CPC (source: EP US)

**B65H 29/12** (2013.01 - EP US); **B65H 29/40** (2013.01 - EP US); **B65H 29/58** (2013.01 - EP US); **B65H 2404/632** (2013.01 - EP); **B65H 2701/1932** (2013.01 - EP US)

Citation (search report)

See references of WO 2005035409A1

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)

**WO 2005035409 A1 20050421**; AT E355246 T1 20060315; DE 10347572 B3 20050519; DE 502004003080 D1 20070412; EP 1673300 A1 20060628; EP 1673300 B1 20070228; US 2007062392 A1 20070322

DOCDB simple family (application)

**EP 2004052525 W 20041013**; AT 04791215 T 20041013; DE 10347572 A 20031014; DE 502004003080 T 20041013; EP 04791215 A 20041013; US 57592104 A 20041013